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# 2005/2006 Catalog Ohio Wesleyan University

## Contents

### Contents

While this Catalog presents the best information available at the time of publication, all information contained herein, including statements of fees, course offerings, admission policy, and graduation requirements, is subject to change without notice or obligation.

<b>Calendar</b> .....	inside back cover
<b>The University</b> .....	4
Introduction .....	4
Statement of Aims .....	5
Intellectual Freedom and Responsibility .....	6
Statement on Student Rights .....	7
The Affirmative Action Plan .....	8
Policy on Sexual Harassment .....	8
Policy on Voluntary Sexual Relationships between Faculty/Staff and Students .....	9
Traditions .....	12
<b>Academic Regulations and Procedures</b> .....	14
Academic Advising .....	14
Admission .....	14
Advanced Placement .....	14
International Baccalaureate .....	16
Examinations for Placement/Credit .....	17
Registration in Courses .....	18
Reports and Grades .....	20
Residence Requirement .....	22
Academic Probation and Dismissal .....	22
Academic Honesty .....	23
Academic Grievance Policy .....	26
Responsibility for Meeting Requirements .....	28
Final Examination Policy .....	28
Leave of Absence .....	28
Withdrawal from the University .....	29
Reinstatements .....	29
Classification of Students .....	29
Transfer of Credits .....	30
Student-Initiated Courses .....	30
Petitions .....	30
<b>Academic Honors and Prizes</b> .....	31
Academic Honors .....	31
Prizes and Awards .....	33
Honorary Societies .....	40
<b>Degrees and Special Programs</b> .....	41
Requirements for All Degrees .....	41
The Bachelor of Arts Degree .....	42
Professional Degrees .....	46
Two Bachelor's Degrees .....	46
Combined Bachelor's/Professional Degrees .....	47
Other Pre-Professional Programs .....	47
Other Interdepartmental Majors .....	48
Self-Designed Majors .....	48
The Sagan National Colloquium .....	49
Cross-Cultural Experience .....	49
Off-Campus Study Programs .....	49

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# 2005/2006 Catalog Ohio Wesleyan University

## *Contents*

---

Apprenticeships and Internships .....	54
Special Language Program .....	54
Summer School .....	55
<b>Majors and Courses of Instruction</b> .....	56
Key to Abbreviations .....	56
Course Selection .....	56
Major and Course Descriptions .....	57
<b>Student Life and Non-Academic Regulations</b> .....	246
Student Life .....	246
Student Handbook .....	246
<b>Expenses and Financial Aid</b> .....	247
Tuition and Fees .....	247
Financial Aid .....	247
Deposits .....	248
Fees .....	249
Payment Methods .....	252
Refunds .....	253
<b>Facilities</b> .....	255
University Library System .....	255
University Housing .....	255
Instructional and Administrative Buildings .....	256
University Offices .....	259
Student Offices .....	259
<b>The Corporation (Board of Trustees)</b> .....	260
<b>University Personnel</b> .....	262
Administration .....	262
Adjunct Faculty .....	266
GLCA New York Arts Program Faculty .....	266
Faculty and Staff Emeriti .....	267
Department Chairpersons .....	269
Faculty of Instruction .....	270
<b>Index</b> .....	279



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# The University

## *Introduction*

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### **Introduction**

Ohio Wesleyan University is an independent, undergraduate liberal arts institution enrolling about 1,850 students, almost equally men and women, from 43 states and 47 countries. The multi-cultural enrollment total of 19 percent includes U.S. multicultural students (9 percent) and international students (10 percent), and the University is strongly committed to racial, ethnic, and cultural diversity. The 2004 freshman class presented an average SAT score range of 1110-1310, and 30 percent of the students ranked in the top 10 percent of their high school class.

Outstanding teaching is a hallmark of the University, which is probably best-known for the quality and accessibility of its faculty. Ohio Wesleyan employs 132 full-time faculty, of whom 37 percent are female and 98 percent hold the Ph.D. or highest degree attainable in their field.

The University confers the Bachelor of Arts, Bachelor of Fine Arts, and Bachelor of Music; and offers combined-degree (3-2) programs in engineering, interdisciplinary and applied science, medical technology, optometry and physical therapy. Degrees are offered through 24 academic departments and several interdisciplinary programs. Distinctive features of the academic program include the Arneson Institute for Practical Politics, the Woltemade Center for Economics, Business and Entrepreneurship, the Sagan National Colloquium, a four-year Honors Program, and extensive opportunities for independent research, internships and off-campus study.

Ohio Wesleyan is accredited by The Higher Learning Commission and is a member of the North Central Association of Colleges and Schools located at 30 North LaSalle Street, Suite 2400, Chicago, IL 60602-2504 (Phone: 312-263-0456). The college is also approved by the American Association of University Women and is a member of the Association of American Colleges and the University Senate of the United Methodist Church. Appropriate departments are approved or accredited by the American Chemical Society Committee on Professional Training, the National Association of Schools of Music, and the Ohio Department of Education (for licensure of elementary and secondary school teachers). The University is a member of the Great Lakes Colleges Association, Inc., a non-profit corporation of 12 leading independent institutions in Indiana, Michigan and Ohio.

Founded by Methodists in 1842, Ohio Wesleyan maintains an active affiliation with The United Methodist Church, but welcomes students of all religious faiths. The University Chaplain provides support for all denominations and coordinates an active program of social action and community service. Known early in its history as the “West Point of Missions” because of the number of graduates who served abroad as missionaries, Ohio Wesleyan later was recognized for the number of alumni who served as Peace Corps volunteers. Today, that same commitment to serving society manifests itself in the activities of our students, an extraordinary percentage of whom participate in volunteerism and philanthropic initiatives.

For more than 160 years, the quality of an Ohio Wesleyan education has been reflected in the University’s alumni. Charles Warren Fairbanks, Class of 1872, served as Vice President of the U.S. under Teddy Roosevelt. Branch Rickey, Class of 1904, made history in 1947 when, as president and general manager of the Brooklyn Dodgers, he broke the color barrier in professional baseball by bringing Jackie Robinson onto the Dodgers roster. Clergyman Norman Vincent Peale ’20 influenced millions around the world with his belief in *The Power of Positive Thinking*. The late U.S. District Court Judge Charles Richey ’45 was an influential figure in federal law following his appointment by President

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# The University

## *Introduction*

### *Statement of Aims*

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Nixon in 1971. Today's alumni are leaders in medicine, business, education, athletics, industry, government, law and the arts. Our own Dr. Sherwood Rowland '48 was awarded a Nobel Prize in Chemistry in 1995.

Ohio Wesleyan has been recognized for excellence throughout its history. In 1906, Ohio Wesleyan stood first among all colleges in the number of alumni doing graduate work at Harvard. According to a study by the National Research Council in the 1970s, updated in 1980, Ohio Wesleyan ranked 17th among America's 867 four-year, private, primarily undergraduate institutions on the number of alumni in all fields who earned Ph.D.s in the years since 1920. A similar study in 1982 by Standard and Poor's Corporation ranked the same 867 institutions on producing U.S. business leaders from among their undergraduates; in that survey, Ohio Wesleyan ranked 15th. A 1986 study, titled "Educating America's Scientists: The Role of the Research Colleges," identified Ohio Wesleyan as one of 48 highly selective "science-active" liberal arts institutions in the nation. And a 1994 report issued by the Carnegie Foundation for the Advancement of Teaching ranked Ohio Wesleyan as one of only 163 national, selective liberal arts colleges among the 3,600 institutions included in the Carnegie classification system.

During the past decade, Ohio Wesleyan has made dramatic progress toward its goal of becoming one of the nation's leading small liberal arts colleges. Significant increases in the size and academic quality of the student body have contributed to an elevated and rising academic reputation. A collegial and participatory strategic planning process has united the University community around shared goals and challenges. The University is currently engaged in its first ever comprehensive campaign, *Remembering Mr. Rickey*, to address the facility needs needs of the athletics, recreation, and physical education departments. The goal is \$22 million with ambitions to achieve the goal within three years. Initiatives in volunteerism and public service have strengthened the historic link between liberal arts learning and the civic arts of citizenship. And an aggressive strategy for recruiting and educating honors students has provided an academic atmosphere unparalleled in the institution's distinguished history.

The University officially entered a new era on April 2, 2005 when Dr. Mark W. Huddleston was inaugurated as the University's 15th president. One of Dr. Huddleston's early acts as President was to dedicate the new Conrades♦Wetherell Science Center on October 1, 2004. The Science Center is a state-of-the-art facility that was funded by the University's previous capital campaign.

OWU continues to be recognized by *U.S. News and World Report* as being among the nation's top liberal arts colleges and as one of the top 20 national liberal arts colleges with the largest proportion of international students studying for bachelor's degrees. Ohio Wesleyan also holds its place in *The Templeton Guide: Colleges that Encourage Character Development* or in its guidebook for the last five years. Ohio Wesleyan currently is listed in *The Princeton Review Guide to the Best 317 Colleges*, *Time's The Best College for You*, and *The Fiske Guide to Colleges 2005*.

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## **Statement of Aims**

Since its founding, Ohio Wesleyan has maintained its connection with the Methodist (now United Methodist) Church, offering a quality of scholarship, leadership, and service that has enriched both Church and society. Its charter provided that "the University is forever to

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# The University

## *Statement of Aims Intellectual Freedom and Responsibility*

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be conducted on the most liberal principles, accessible to all religious denominations, and designed for the benefit of our citizens in general.” In the spirit of this heritage, the University defines itself as a community of teachers and students devoted to the free pursuit of truth. It attempts to develop in its students qualities of intellect and character that will be useful no matter what they choose to do in later life. The transmission, extension, and discovery of knowledge are central to the liberal arts tradition. While encouraging professional scholarship and feeling justifiably proud of its faculty and graduates who enjoy national or international reputations in their fields, the University has as its preeminent purpose to be a quality institution for teaching and learning. Because effective teaching is of the highest importance, members of the faculty regularly are reviewed and evaluated for excellence in teaching.

Ohio Wesleyan judges itself successful when it has accomplished three objectives in its work with students:

The first is to impart knowledge. Included here is knowledge about our cultural past; a liberal education communicates what great minds have thought, great artists have created, great leaders have done. Also included is new knowledge; a liberal education communicates what is being acquired on the frontiers of contemporary inquiry and current advances of the human spirit. The objective of imparting knowledge begins with the conviction that it is intrinsically worthwhile to possess the knowledge and insight transmitted through the humanities, arts, and sciences.

A second major objective is to develop and enhance certain important capabilities of students. As they progress through the curriculum of the University, students make secure the foundation skills of reading, writing, and quantitative analysis. They build on these skills the capacity to think critically and logically, to employ the methods of the different fields of inquiry, and to understand the symbolic languages used to codify and communicate knowledge in today’s society. They may develop aesthetic sensibilities or creative talents in several fields. Many students learn to integrate theory with practice by preparing for careers within various disciplines and through pre-professional and professional programs.

The third objective is to place education in the context of values. Liberal education seeks to develop in students understanding of themselves, appreciation of others, and willingness to meet the responsibilities of citizenship in a free society. It recognizes that trained sensitivity to private and public value issues, grounded in a sound grasp of various cultural heritages, is important for maturation and for living a good life. It accords high honor to intellectual honesty. Consistent with our Methodist tradition, Ohio Wesleyan encourages concern for all religious and ethical issues and stimulates its students to examine their own views in light of these issues.

To the extent that Ohio Wesleyan educates liberally, it fulfills its ultimate purpose of equipping students with knowledge, competence, and character for leadership, service, and continued learning in a complex and increasingly global society.

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# The University

## *Intellectual Freedom and Responsibility Statement on Student Rights*

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denominations, and designed for the benefit of our citizens in general.” The spirit of this statement has persisted through the years, so that today Ohio Wesleyan continues to live and thrive in an environment of intellectual freedom. It is, therefore, fully committed to a more recent declaration of the General Conference of the Methodist Church (1952):

“Our role is not to suppress ideas, but to open channels of communication, so that (men and women) can come to know the thoughts of their neighbors, and so that the best thoughts of all (men and women) can come to be the possessions of all humanity.”

In pursuance of this tradition, the administration has maintained for students and faculty alike a climate of freedom in learning and inquiry. As a specific guarantee of this climate of intellectual freedom, the faculty and the Board of Trustees have adopted the 1940 statement of the American Association of University Professors relative to academic freedom. It states: “The teacher is entitled to freedom in the classroom in discussing (his/her) subject, but should be careful not to introduce . . . controversial matter which has no relation to (the) subject.” The only limitation that can appropriately be placed upon the teacher’s academic activities are those required by the accepted standards of (his/her) professions, such as sustained inquiry, propriety of statement, integrity of character, and objectivity of exposition.

Ohio Wesleyan has recognized that its faculty and students are citizens of local, state, and national communities, as well as members of an academic community. The 1940 statement of the American Association of University Professors emphasizes the freedom and responsibility of teachers as citizens in the following words: “When (the teacher) speaks or writes as a citizen (he/she) should be free from institutional censorship or discipline, but (his/her) special position in the community imposes special obligations. As a (person) of learning and an educational officer (he/she) should remember that the public may judge (his/her) profession and institution by (his/her) utterances. Hence (he/she) should at all times be accurate, should exercise appropriate restraint, should show respect for the opinions of others, and should make every effort to indicate that (he/she) is not an institutional (spokesperson).” Within these appropriate limits faculty members should be free to think and act as citizens of the whole community.

Equivalent importance is placed upon academic freedom and responsibility for students at Ohio Wesleyan, as expressed by the faculty and Board of Trustees in their adoption of the following 1965 statement by the American Association of University Professors:

“Free inquiry and free expression are essential attributes of the community of scholars. As members of the community, students should be encouraged to develop the capacity for critical judgment and to engage in a sustained and independent search for truth. The freedom to learn depends upon appropriate opportunities and conditions in the classroom, on the campus, and in the larger community. The responsibility to secure and to respect general conditions conducive to the freedom to learn is shared by all members of the academic community. Students should endeavor to exercise their freedom with maturity and responsibility.”

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### **Statement on Student Rights**

In 1970, the Ohio Wesleyan faculty adopted the Joint Statement on Rights and Freedoms of Students, which endorses a concept of community responsibility where students, along with faculty and administrators, are encouraged to play a more determining role in formulation of institutional policy.

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# The University

## *The Affirmative Action Plan Policy on Sexual Harassment*

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### **The Affirmative Action Plan**

An essential function of a university is to help all persons realize their potential. To this end, Ohio Wesleyan University affirms its support of equal opportunity for and nondiscrimination against all qualified persons regardless of race, color, creed, national origin, sex, disability, sexual orientation, age, or family relationship. Furthermore, Ohio Wesleyan University asserts that affirmative action will be pursued to provide access to employment, benefits, programs, education, and facilities to qualified women and members of racial ethnic minorities.

### **A Summary of the Plan**

Ohio Wesleyan University believes that minimum or least-effort actions and procedures are ineffective in assuring equal employment and affirmative action as well as contrary to the intent of federal laws and guidelines. Simple abstention from overt discrimination or the rewriting of the job descriptions and criteria for employment will not fulfill moral and legal obligations. Culturally biased preferences for one sex over another or one race over another are not valid reasons for exclusionary practices or unjust criteria for employment.

The traditional patterns of behavior in universities have reflected white male standards. Women and minorities have been judged by how well they could live up to or surpass these patterns. Alternatives and more flexible arrangements should be devised so that unrealistic burdens to conform are not imposed on women and minorities either overtly or covertly. Diversity rather than conformity should be encouraged. Alternatives would allow men as well as women and minorities more flexibility in academic behavior and employment.

Since the elimination of any discriminatory practices, intentional or unintentional, is a legal as well as a moral concern, Ohio Wesleyan University affirms that its policies and practices are designed to ensure women and minorities equal opportunity for education, employment, and advancement responsibilities and in remuneration. Ohio Wesleyan fully accepts its legal responsibilities and pledges not only to provide equal opportunity but also to take affirmative action in all its relationships with persons associated with it and in all facets of its operations.

The University requires the full cooperation of every University employee in order to meet its moral and legal obligations. Vigorous efforts to attain the goals set forth in this document are the responsibility of all persons and departments in the University. All publications and news releases issued by the University shall be prepared with affirmative action in mind.

The plan for implementing the Affirmative Action policy is available at several locations on the Ohio Wesleyan campus, including the Affirmative Action, Provost's, and Dean of Student Affairs offices.

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### **Policy on Sexual Harassment**

Ohio Wesleyan reaffirms the principle that its employees and students have a right to be free from sexual harassment. It is the policy of this University that sexual harassment shall not be tolerated.

### **Definition**

Sexual harassment is defined as unwelcome sexual advances, requests for sexual favors, and/or physical, verbal, or written conduct of a sexual or gender-based nature when:



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# The University

## *Policy on Sexual Harassment*

### *Policy on Voluntary Sexual Relationships between Faculty/Staff and Students*

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- 1) Submission to such conduct is made explicitly or implicitly a term or condition of an individual's employment, education, or participation in University programs or activities; OR
- 2) Such conduct is directed against another individual(s) and is either abusive or severely humiliating, or persists despite the objection of the person(s) subjected to it, whether such conduct is sexual or based on the person(s)'s gender or sexual orientation; OR
- 3) Such conduct, by creating what a reasonable person would regard as a hostile and intimidating environment, seriously and directly impedes the living and learning experience, and/or work opportunities of employees or students.

In the educational setting within the University, as distinct from other workplaces within the University, wide latitude for professional judgement in determining the appropriate content and presentation of academic material is required. Conduct, including pedagogical techniques, that can reasonably be regarded as serving a legitimate educational purpose does not constitute sexual harassment. In order to constitute sexual harassment in the educational context, the conduct in question must be grievous or persistent, and not germane to the instructional setting.

Anyone who has been the victim of sexual harassment, or believes they may have been sexually harassed, should discuss the incident(s) with one of the Sexual Harassment Advisors on campus. The Advisor can help decide whether the pursuit of informal or formal procedures is most appropriate for resolving the situation. If informal procedures are pursued without success, formal procedures can be initiated. There is a limited time-frame for pursuing formal procedures, so it is advisable to take action promptly.

The complete Sexual Harassment Policy and Procedures, which includes the names of the current Sexual Harassment Advisors, and full details on informal and formal procedures for the resolution of sexual harassment complaints, are included in the Student Handbook and posted in each residence hall, fraternity, and sorority house. Copies are also available at the Provost's Office and that of the Dean of Student Affairs.

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### **Policy on Voluntary Sexual Relationships between Faculty/Staff and Students**

Ohio Wesleyan strongly discourages any sexual relationship between a faculty/staff member and an OWU student. Relationships in which a differential of power exists between parties increase the risk of exploitation, favoritism, bias, and conflicts of interest. The following policy is intended to help protect the academic and institutional integrity of Ohio Wesleyan University by reducing the potential for these problems or the perceptions of them that might otherwise occur.

Faculty and staff members are prohibited from engaging in sexual relationships with OWU students with whom they have a supervisory, advisory, or evaluative role. For the purposes of this policy a sexual relationship is defined as a relationship in which any kind of sexual physical contact occurs. All persons inhabiting the dual role of full-time student and paid staff will be treated exclusively as full-time students for the purpose of this policy. This policy sets a minimum standard for OWU employees. Non-faculty employees may be subject to different and stricter policies, in which policy statements may be promulgated by the administration to prohibit all sexual relationships between staff and students.

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# The University

## *Policy on Voluntary Sexual Relationships between Faculty/Staff and Students*

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If a faculty/staff member does enter into a sexual relationship with a student, the faculty/staff member must have previously divested himself or herself from any responsibility for supervising, evaluating, grading, or advising the student, and must refrain from such activity with that student in the future. Because the fundamental asymmetry of the relationship may make subsequent allegations of sexual harassment difficult to disprove, the faculty/staff member is encouraged to report the relationship to a department head or supervisor and both the faculty/staff member and the student are encouraged to seek counseling regarding the potential for exploitation and harassment.

The fraternization policy applies to relationships between all faculty/staff members and students regardless of gender; however, it does not apply to relationships between faculty/staff members and their spouses or domestic partners (as defined by the University—see Personnel Office for information).

Sanctions for violating this policy, which can range from a letter or reprimand to dismissal, will be determined through the following procedures:

### A. Policy Evaluation

Any member of the campus community may approach a Sexual Harassment Advisor (as listed in the University Sexual Harassment Policy and Procedures, Section III) with a complaint regarding a sexual relationship believed to violate this policy. The advisor will carry the complaint forward to the Provost (or the President if the Provost is the accused). When the Provost or President becomes aware of an alleged violation of the policy, the Provost or an alternative designate of the President will meet with an ad hoc committee. If the accused is a faculty member, the committee will consist of three faculty persons appointed by the Provost (or alternative designate) and two staff persons appointed by the President. If the accused is not a faculty member, the committee will consist of two faculty persons appointed by the Provost (or alternative designate) and three staff persons appointed by the President. This committee in conjunction with the Provost or designate shall determine whether or not there is a reasonable likelihood that the policy has been violated. If the decision is that no reasonable likelihood of violation exists, the case shall be dismissed, and all records pertaining to the case shall be sealed and placed in the appropriate office accessible only to the Provost or the President.

If the decision is that a reasonable likelihood of violation does exist, a reasonable attempt will be made to informally resolve the case in a manner that is acceptable to both the University and the accused. Such resolution may include sanctions as described below. If the case is not informally resolved, it will be formally heard by the determining body appropriate to the position of the accused.

### B. Hearing

If the accused is a faculty member, the complaint will be heard by the Provost and the Faculty Personnel Committee (who will follow the procedures outlined in the Faculty Handbook: Chapter III, Part R, Section 5, from “It shall be the duty. . .”, Sections 6, 9, 10). Members of the Faculty Personnel Committee who have any personal involvement in the proceedings shall be disqualified.

If the accused is an administrator or member of the support staff, the complaint will be heard by an ad hoc committee of three administrators and two faculty members appointed by the

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# The University

## *Policy on Voluntary Sexual Relationships between Faculty/Staff and Students*

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President, none of whom shall have any personal involvement in the proceedings. If the President is the accused part, the Provost shall appoint the committee. The committee will follow the procedures outlined in the Faculty Handbook (substituting “ad hoc committee” for “Faculty Hearing Panel”): Chapter III, Part R, Section 5, from “It shall be the duty. . .”, Sections 6, 9, 10.

If the accused is neither a faculty member, a member of the administration, nor a member of the support staff, the complaint will be heard in accordance with the “Grievance Procedure” in the Hourly Employees’ Handbook. If the official participants in the grievance procedure have any personal involvement with the proceedings, they shall be disqualified.

In all cases, a preponderance of evidence is required to find that the policy has been violated. The accused may be assisted and accompanied at the hearing by support persons and an advocate of his or her choosing. those persons must be members of the University community (excluding members of the Board of Trustees) and may not include legal counselors (although legal counselors may be consulted at other points in the proceedings). The ad hoc committee will present evidence, call, question, and cross-examine witnesses. Every effort will be made to keep all aspects of the proceedings strictly confidential.

The Final decision and disposition of the case by the determining body should be completed no later than twenty working days after the alleged violation is revealed to the Administration. If the determining body finds that the policy was not violated, the case shall be dismissed and all records pertaining to the case shall be sealed and placed either in the office of the Provost or of the President, whichever is deemed appropriate. After concluding its deliberations, the determining body may recommend that the accused undergo appropriate training or counseling, even if the violation of the policy remains unproven.

### C.University Sanctions

If the determining body finds that the policy has been violated, the violator will be removed from any supervisory or evaluative capacity with regard to the student. Based on the nature of the offense, its severity, and the existence of prior violations, one or more of the following sanctions may be imposed.

Faculty members:

- receipt of a written reprimand or warning which will be added to the violator’s permanent personnel file
- loss of eligibility for a limited time for merit, internal grants, travel money, summer school teaching, leaves (regular or scholarly), salary enhancements, endowed chairs, and/or department chairpersonships
- suspension without pay
- termination for cause

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# The University

## *Policy on Voluntary Sexual Relationships between Faculty/Staff and Students Traditions*

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Non-faculty members:

- receipt of a written reprimand or warning which will be added to the violator's file
- reassignment (where appropriate)
- suspension without pay
- dismissal

A faculty member receiving the sanction of suspension without pay or termination for cause may request a hearing according to procedures in the *Faculty Handbook*.

### D. Appeals

An appeal by the accused may be submitted to the President to have the Board of Trustees or its Executive Committee or a special committee designated by one of those bodies (in accordance with the Faculty Handbook appeal procedure, Chapter III, Part R, Section 8, or the appeal procedures in the Hourly Employees Handbook) review the findings of and/or the nature and extent of the sanctions invoked by the determining body (unless the person is a faculty member who has elected to request another hearing, as in C above).

Such an appeal shall be submitted in writing to the President within ten working days after the finding of the determining body is received. Appeals shall be limited to: (A) Review of the procedures; (B) Review of the appropriateness of the sanction(s); (C) Consideration of significant new evidence. The written appeal shall state the reason(s) why the accused believes that there are sufficient grounds for appeal. Such a review shall be based upon the record originally presented to the determining body and shall not constitute a rehearing of the evidence. The accused and the University shall be given the opportunity to present oral argument to the reviewing committee. The written determination of the Board of Trustees or its Executive Committee or the specially designated committee to such appeals shall constitute the final determination of the policy violation. The appeal process should be completed not later than twenty working days after its initiation.

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## Traditions

Ohio Wesleyan has been acquiring traditions since 1844, when the College of Liberal Arts opened its doors with an enrollment of 29 male students taught by three professors. The college was housed in Elliott Hall, formerly the Mansion House Hotel, which had been constructed in the early 1830s when the current East Campus was a popular health resort. The resort was known for the "health-giving although odoriferous waters" of its famed Sulphur Spring, a favorite spot of future generations of students. It was at the spring that Rutherford B. Hayes, Delaware native and 19th president of the United States, wooed and won Lucy Webb, one of Ohio Wesleyan's first coeds and the person for whom Hayes Hall is named.

In 1853, the Ohio Wesleyan Female College, an independent institution, was established in Delaware and four years later moved into the new Monnett Hall. In 1877, the Female College and University merged, and during the 1977-78 academic year Ohio Wesleyan celebrated 100 years of coeducation.

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# The University

## *Traditions*

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For many years, Monnett Hall was the center of women's life on campus. **Monnett Weekend**, now called **Monnett/Kids and Sibs Weekend**, takes its name from the Hall and the activities that occurred there. Scheduled to coincide with the nationwide celebration of Mother's Day in May, the Weekend was strictly a women's affair for many years. All events were scheduled on the Monnett Campus, and men were banned from the area while women students danced around the Maypole. During those years, men apparently developed their own tradition by arriving on the Monnett Campus early in the morning and concealing themselves in trees from which to watch the festivities. In recent years, the Weekend has become a time for both men and women students to entertain their parents and share their campus experiences with them.

During **Homecoming**, both alumni and parents have an opportunity to participate in a variety of campus activities.

Most underclass students have already left campus for the summer when **Commencement** and **Alumni Weekend** occur. Commencement is held on Sunday following the end of spring semester classes and is preceded by a Baccalaureate celebration planned by members of the senior class. The traditional Commencement ceremony takes place on the west terrace of Phillips Hall. In case of rain, Commencement is held in Rickey Arena. At the conclusion of graduation, the bell in the tower of University Hall is rung to mark the close of another academic year.

The traditions associated with Commencement are based in Ohio Wesleyan's history, although modifications and changes have occurred over the years. At one time, Commencement lasted at least a week, and oral final examinations were held in public, with examiners representing alumni and Trustees. The culmination of the week was the Commencement exercise, which lasted eight or nine hours. Each senior was required to give an oration, and the day had to be divided into morning and afternoon sessions to accommodate all the speakers. Over the years, the custom was modified until today only the president of the University, a guest speaker, and the president of the senior class address the Commencement audience.

The weekend after Commencement is for alumni, and approximately 1,000 people return to campus for class reunions and other traditional activities. Classes holding their 25th (Silver Key) and 50th (Golden Key) reunions are specially honored at this time.

Another tradition involving alumni is that of honoring the oldest living alumna and alumnus in the earliest graduating class. The alumnus is presented with the Godman Cane, which had originally belonged to the University's first graduate, William D. Godman, Class of 1846. The senior alumna receives the Monnett Silver Teapot, presented by the National Association of Monnett Clubs.

As generations of students come and go, changing traditions have reflected in the past, and continue to reflect in the present, a changing world. But traditions, be those the annual President's Ball in December or the celebration of Community Day, can give current members of the Ohio Wesleyan community a sense of historical perspective as they shape the University for today as well as the future.

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# Academic Regulations and Procedures

*Academic Advising*  
*Admission*  
*Advanced Placement*

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## **Academic Advising**

Each new student is assigned an academic advisor who will assist in planning an academic program and in discussing academic goals and progress. The initial assignment is made, wherever possible, on the basis of academic interest. A student may change advisors with the consent of the new advisor. Change-of-advisor forms are available in the Registrar's Office and in the Office of Academic Advising.

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## **Admission**

Students interested in admission to Ohio Wesleyan should contact the Office of Admission for information. The e-mail address is [owuadmit@owu.edu](mailto:owuadmit@owu.edu).

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## **Advanced Placement**

The University makes provision for students of unusual ability or preparation who desire to accelerate the time required to earn a degree. For this reason, students who plan to enter Ohio Wesleyan are encouraged to take the advanced placement examinations of the College Entrance Examination Board (CEEB), administered by the Educational Testing Service, which also administers the Scholastic Assessment Test. Advanced placement and/or college credit may be granted in relation to scores earned and departmental standards.

Advanced placement credit is given by the following departments:

**Biology.** A student who achieves a 4 or better on the Advanced Placement Examination in Biology will be awarded one credit toward graduation for a general biology course. In order to get an exemption from an introductory course, a student must take and pass a placement exam on the first day of the fall semester.

**Chemistry.** A student who receives a composite grade of 4 or 5 on the Advanced Placement Examination in Chemistry will be granted credit toward graduation for one term of Chemistry 110 and may enroll in Chemistry 111.

Any student who receives a composite grade of 5 on the examination may omit the freshman chemistry sequence and enroll in Chemistry 260. If the student completes the Chemistry 260-261 sequence with an average grade of B or better, the student will be given two extra units of credit toward graduation in chemistry in addition to the units received for Chemistry 260 and 261.

**Computer Science.** A student who receives a grade of 4 or better on either Advanced Placement Examination in Computer Science will be granted credit for Computer Science 110.

**Economics.** Any student receiving a 4 or better on the Advanced Placement Examination in Economics will be given one unit of credit. This unit will be equivalent to Economics 110.

Students with scores of 4 or better on both the Micro and the Macro exams will be given two units of credit: one unit equivalent to Economics 110 and one unit of general Economics credit.

**English.** Any student receiving a composite grade of 4 or 5 on the Advanced Placement Examination in English Literature and Composition will be exempted from English 105

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# Academic Regulations and Procedures

## *Advanced Placement*

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and will receive one unit of credit for an English literature course. Students receiving a score of 4 or 5 on the English Language and Composition exam will be exempted from and receive credit for English 105. Students receiving scores of 4 or 5 on both AP exams in English will be exempted from English 105 and will receive one unit of credit for English 105 and one unit of credit for an English literature course.

**Environmental Studies.** Any student receiving a 4 or better on the Advanced Placement Examination will be granted one unit of credit in interdisciplinary studies. This credit will count towards graduation but will not exempt the student from courses required for the environmental studies major. The credit cannot be counted towards the distribution requirements.

**Fine Arts.** Any student receiving a 4 or better on the Advanced Placement Examination in Art History will be awarded one unit of credit. This unit will be equivalent to Fine Arts 110 or 111.

Any student receiving a 4 or better on the Advanced Placement Examination in Studio Art will be awarded one unit of credit. This unit will be equivalent to Fine Arts 112 or 113.

**History.** Students receiving composite scores of 4 or better on the Advanced Placement Exam in European History will be given a unit of credit toward graduation for History 112.

Students receiving a composite score of 4 or better on the Advanced Placement Exam in American History will be given a unit of credit toward graduation for History 113 or 114.

Students receiving a composite score of 4 or better on the Advanced Placement Exam in World History will be given a unit of credit toward graduation for History 115 or 116.

**Human Geography.** Any student receiving a 4 or better on the Advanced Placement Examination in Human Geography will be granted one unit of credit, equivalent to Geography 110.

**Latin.** Any student receiving a composite grade of 3 or better on either of the Advanced Placement Examinations in Latin will be given two units of credit toward graduation and will be exempt from the language requirement. Students scoring less than 3 will be examined by the department.

**Mathematics.** Students earning 4 or 5 on the AB exam in Calculus will receive one credit (for Math 110) and should begin any further math study in Math 111. Students receiving a grade of 3 on the BC exam will receive credit for Math 110 and should begin with Math 111. Students who earn a 4 or 5 in the BC exam will receive two credits (for Math 110 and 111) and place into Math 210 or 250. A student with an excellent calculus background, but for whom the advanced placement examination was not available, should contact the department regarding placement in mathematics. Such consultation should take place during the first week on campus because the calculus sequence may be begun only in the fall semester.

**Modern Foreign Languages.** A student receiving a composite grade of 3 on the Advanced Placement Examination in French, German, Italian, or Spanish will be awarded one unit of credit toward graduation beyond the competency level, in language or literature as appropriate. With a composite grade of 4 or 5 the student will receive two units of credit.

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# Academic Regulations and Procedures

## *Advanced Placement International Baccalaureate*

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**Music.** Any student receiving a 3 or better on the Advanced Placement Exam in Music History will be awarded one unit of credit. This unit will be equivalent to Music 105.

Any student receiving a 5 or better on the Advanced Placement Test in Music Theory will be awarded one unit of credit. This unit will be equivalent to Music 110 and 115.

**Physics.** Any student receiving a 4 or 5 on the Advanced Placement Examination in Physics (B exam) will receive one and a quarter units of credit toward graduation for Physics 115. Any student receiving a 4 or 5 on the Advanced Placement Examination in Physics (C exam, Part I and/or Part II) will receive one unit of credit toward graduation for Physics 110C and/or one unit of credit for Physics 111C. Students should be aware that Physics 110L and 111L may be required for some majors.

**Politics and Government.** Any student receiving a 4 or better on the Advanced Placement Examination in American Government and Politics will be given one unit of credit. This unit will be equivalent to Politics and Government 111.

Any student receiving a 4 or better on the Advanced Placement Examination in Comparative Government and Politics will be given one unit of credit. This unit will be equivalent to Politics and Government 211.

**Psychology.** Any student receiving a 4 or better on the Advanced Placement Examination in Psychology will be given one unit of credit. This unit will be equivalent to Psychology 110.

**Statistics.** Any student receiving 4 or better on the Advanced Placement Examination in statistics will be given one unit of credit for MATH 105.

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## **International Baccalaureate**

Ohio Wesleyan recognizes academic work taken toward the International Baccalaureate and grants course credit for specific performance levels on the higher exams. For each higher exam on which the student scores 5, 6, or 7 two units of credit will be awarded, except in mathematics and computer science and in chemistry where credit will be determined by the chair of the department after consultation with the student. Students may also petition individual departments for credit if the student has earned a score of 4 on the higher level examination. Students who have completed the International Baccalaureate and wish to obtain credit should contact the Registrar.



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# Academic Regulations and Procedures

## *Examinations for Placement and/or Credit*

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### **Examinations for Placement and/or Credit**

Examinations for placement in a course sequence in foreign language will be administered without charge during New Student Orientation and at other times specified by the department. No college credit is granted, and the examinations may not be repeated.

Examinations for college credit in other courses may be taken by any student during the first semester of the freshman year without charge. Arrangements to take such examinations should be made with the appropriate academic departments through the Office of the Registrar. After the first semester of the freshman year, examinations for credit will be subject to the procedures stated in the following paragraph.

Examinations for credit in any course except those meeting basic requirements may be taken within the first four weeks of a semester at the request of any student who, in the opinion of the department concerned, is qualified for such an examination. Application for a proficiency examination must be filed in the Office of the Registrar no later than the third week of the semester. The student will be billed an initial fee for the administration of the examination (see Fees). The examination will be comprehensive and can be expected to include any of the materials normally covered in the course. It will be read by at least two faculty members, and a subsequent report will be made to the Office of the Registrar. If the student's performance is at least C-, the Registrar will enter appropriate credit on the student's academic record, and the student will be billed an additional fee for the application of credit to the record. The credit will be entered as "S" and will carry no credit points. No record will be made of failure in such examinations. The proficiency examination is not to be used to change a grade previously received in a course. Upperclass students may not attempt proficiency examinations in courses numbered 100-249.

Examinations for credit in professional work or foreign studies that a student has pursued outside the usual, accredited college framework may be taken without charge. Arrangements should be made with the appropriate departments, and evidence of completion of the work must be submitted to the Office of the Registrar.

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# Academic Regulations and Procedures

## *Registration in Courses*

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### **Registration in Courses**

In order to complete a degree in four years, a student must average 8.5 units of credit each year. Enrollment in four unit courses and 4.25 total credits is the normal academic load for a regularly enrolled student, and full-time students must be enrolled in at least 3.25 units of credit. A non-degree student with fewer than 3.25 units of credit per semester shall be designated as a special or part-time student. Such students will pay the per course tuition fee for this registration, but they will not be required to pay other general and miscellaneous fees nor be eligible for the services that these fees support.

### **Unit of Credit**

Ohio Wesleyan's unit of credit is defined as equivalent to 3.75 semester hours or 5.5 quarter hours.

### **Full- or Part-Time Enrollment**

After the completion of 16 units, part-time non-degree students must apply and qualify for admission to the University. If the student is admitted as a degree candidate, further enrollment must be on a full-time basis. Students wishing an exception to this policy may petition through the Academic Status Committee.

### **Course Overload**

Students in good academic standing may enroll for as many classes as they and their academic advisor agree are appropriate. Students on academic probation (less than 2.0 cumulative grade point average) must file a petition with the Academic Status Committee before registering for more than 4.50 units of credit in a semester. Petitions are available in the Registrar's Office. Please see the Fees section of this *Catalog* for information on the tuition charged.

### **Change of Schedule**

Independent studies, tutorials, directed readings, or practicums may be included in the schedule at pre-registration. Regular unit courses taken in excess of four must be added during the add period at the beginning of the appropriate semester.

Once registered for a set of courses, students who wish to change their registration must obtain a change-of-schedule card from the Office of the Registrar. Classes may be added or dropped, and credit/no entry may be selected, during the first two weeks (ten class days) of any semester or half-semester module.

Students may withdraw from courses after the second week and through the 10th week of the semester (fifth week for modular courses). Withdrawal from courses is permitted as long as students maintain full-time status (enrolled in at least 3.25 units of credit for the semester). Students who find it necessary to withdraw to part-time status must receive permission from the Academic Status Committee. The students' transcripts will indicate a "W" as the final grade.

After the 10th week (fifth week for modular courses), students may withdraw only with permission of the Academic Status Committee, and such permissions will be based only on extenuating circumstances beyond the students' control. For such courses, instructors will submit final grades of "WP" or "WF", depending on the instructors' evaluations of the students' work prior to the withdrawal.

Students may not withdraw from classes for any reason during the last four class days of any semester or half-semester module. No tuition will be refunded for withdrawals from classes.

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# Academic Regulations and Procedures

## *Registration in Courses*

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### Attendance

Students waiting to be admitted to a course may be given the places of those who are not present on the first day of class. *A student who fails to attend a class during the first five days of the semester and who fails to utilize the procedure for dropping a course will receive a grade of "F" in that course, and no student may claim credit in any course unless the student has been officially enrolled as shown on the enrollment card or on a change-of-schedule card on file in the Office of the Registrar.*

Instructors will grant excused absences to students who miss class in order to participate in University-sanctioned functions such as theatrical and musical performances, field trips associated with classes, and intercollegiate athletic contests. Students so excused will be expected to meet all course requirements. This policy in no way removes the instructor's right to determine the conditions under which the work missed by the student is to be made up, if such is possible. It is the responsibility of the student to inform the instructor in advance of such absences and of the sponsor to provide written verification of the student's participation.

### Auditing

A full-time student at Ohio Wesleyan may audit a course with the permission of the course instructor. Persons not enrolled at the University may audit a lecture course (not laboratory, studio, or computing courses or service courses in physical education) by completing an Audit Application available in the Office of the Registrar. The instructor's permission is required, and there is a fee for auditing except for senior citizens 65 years of age or older (see Fees).

Regular students may not audit a course and then attempt a proficiency examination for the same course.

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# Academic Regulations and Procedures

## *Reports and Grades*

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### **Reports and Grades**

The University places upon each student the responsibility to inform parents or guardians about the student's academic progress. The final grades are issued to the student and the academic advisor. Grades may be sent to parents if the student requests.

### **Grades**

At the end of the semester, grades are issued on a four-point scale as follows:

A	Excellent	4 points
B	Good	3 points
C	Satisfactory	2 points
D	Poor but Passing	1 point
E	Conditional Failure	0 points
F	Failure	0 points

Other grades are: W (withdrawn), WP (withdrawn with passing work), WF (withdrawn with failing work), S (credit but no grade is computed in semester or cumulative average), I (incomplete), PR (progress), and U (unsatisfactory).

An "R" with a grade indicates the student earned writing credit in a course. A "U" with a grade indicates that the instructor has remanded the student to the Writing Resource Center.

### **Progress**

The grade of PR is permitted in courses that may require more than one semester for completion. Such courses are limited to tutorials, independent studies, directed readings, apprenticeships, seminars, and advanced experiential courses. No credit is given for a PR, and the student continues the course for a grade in the following semester, after which the grade must be submitted to the Registrar. An extension beyond two semesters may be granted only through approval of a petition, which may be obtained in the Office of the Registrar. Unless the Registrar is informed to the contrary, the grade of F will be assigned to all Progress grades not removed by the end of the semester following the one in which the PR was given.

### **No Grade Submitted**

When no grade has been submitted for a student enrolled in a course, the designation of NR for "No Grade Reported" will appear on the student's grade report and transcript.

The faculty member involved will be asked to submit a grade to the Office of the Registrar by the end of the 15th class day of the semester following the one in which no grade was submitted. If no grade is submitted as requested, and unless the Petitions Subcommittee takes alternate action in response to a written statement from the professor and/or the student, the Registrar will assign a grade of F at the end of the next semester in which the student is regularly enrolled. NRs on a student's record must be removed by appropriate action before a student can be graduated.

### **Credit/No Entry**

The credit/no entry option may be selected by students for no more than four courses (two modules in the same department may be counted for one course) in the 34 units required for graduation. No more than one credit/no entry may be taken in any semester, and credit/no entry courses may not be taken in the major area of study nor in any courses to be used for the general requirements in English composition and foreign language or for the distribution requirements. Courses taken on a credit/no entry basis may be counted in the minor at the discretion of the department or program under which the minor is offered.

Students must elect the credit/no entry option by the 10th class day in a semester, and approval of the academic advisor is required. The student will receive a regular letter

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# Academic Regulations and Procedures

## *Reports and Grades*

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grade in the course, and this grade will be converted to the credit/no entry notation. If the grade earned is C- or better, the student will receive a grade of S (credit) on the transcript. If the grade is lower than C-, no formal entry of the course will be made on the transcript.

If the student receives credit for the course (C- or better), the student may request that the grade be included in the cumulative average by filing a petition with the Registrar. Such petitions must be filed no later than the first ten days of the semester following the one in which the credit/no entry enrollment was taken. These courses will still count in the total number of credit/no entry allotted to each student.

Students who repeat a course by taking that course on a credit/no entry basis the second time will have their record adjusted in the following way. If credit is earned the second time, the initial grade will be removed from the average only if that grade is D+ or lower.

### Repeated Course

Students may repeat at Ohio Wesleyan University any regular course in which the grade was D+ or lower. Students may not repeat any course in which they have received a grade of C- or higher. The transcript will record the grade each time the student takes the course. Only the second (last) grade will be counted in the cumulative grade point average even though the last grade could be a lower grade than one received earlier. If a student repeats a course for which the grade was C- or higher, only the original grade earned will be counted in the cumulative grade point average.

Credit will be granted only once for satisfactory completion of any Ohio Wesleyan course. A course being repeated will count as a normal course for the purposes of computing tuition charges and determining a student's academic load. Courses such as Directed Readings, Independent Studies, Apprenticeships, and Tutorials cannot be repeated to replace a grade.

### Failures

Any course(s) that a student fails will not be counted toward graduation.

### Honors Grade

An honors grade in a course is awarded to a student satisfactorily completing a project beyond the normal requirements; the student also must receive a course grade of B or better.

### Conditional Failure

The grade of E (conditional failure) is normally given when a student has completed all work in a course but, for reasons to be determined by the individual instructor, the instructor remains undecided as to a final mark of D or F. A student who receives the grade of E is permitted to take a reexamination within the first 15 days of the next semester in which he or she is regularly enrolled. An extension of this time limit will be granted only through approval of a petition, which may be obtained from the Office of the Registrar. No fee is to be charged for the reexamination. If the student passes this examination, a grade of D may be given; should the student fail, the instructor then informs the Registrar to record a permanent grade of F for the course. In all cases, however, the grade of E is treated by the University (for purposes of semester and cumulative point average) as an F until the reexamination has been taken. Should the examination not be completed within the specified time, the grade of E is to be changed to F by the Registrar.

### Incomplete

The grade of I (Incomplete) is given when the student, for reasons beyond his or her control, cannot finish the work in a course. Such reasons should be limited to serious medical problems or a major family crisis. Verification of these circumstances may be required by the instructor. The pressures of a semester's work load or the desire to do additional work in the course are not sufficient reasons for giving an incomplete.

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# Academic Regulations and Procedures

*Reports and Grades*

*Residence Requirement*

*Academic Probation and Dismissal*

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The student and the instructor assume joint responsibility for the removal of the incomplete. The student must complete the remaining work by the end of the third week of the next semester in which the student is enrolled. The instructor is responsible for reporting the course grade to the Registrar by the end of the fifth week of that semester. Extensions of these time limits can be granted only through approval of a petition, which may be obtained in the Office of the Registrar. Should the student fail to complete the work within the specified time, the instructor may assign a grade on the basis of work completed. Unless an extension has been granted, the grade of F will be assigned to all incompletes not removed by the end of the fifth week of the next semester in which the student is regularly enrolled. A student who receives an incomplete during the final semester of enrollment will not be graduated until the I is removed.

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## **Residence Requirement**

In order to receive a degree, a student must be enrolled full-time for the junior and senior years in academic residence at Ohio Wesleyan. Participation in organized off-campus programs, whether foreign or domestic, may apply to this residency requirement provided such participation has been approved by the Director of Off-Campus Programs (or by the Cross Cultural Programs Committee). Study undertaken during the academic year at other colleges or universities may sometimes apply to the residency requirement at the discretion of the Academic Status Committee, providing a minimum of four semesters (16 units of credit earned) is spent at Ohio Wesleyan.

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## **Academic Probation and Dismissal**

After each semester, the grades and satisfactory progress of each student at Ohio Wesleyan are reviewed by the Academic Status Committee of the Faculty. Since Ohio Wesleyan requires a 2.0 cumulative grade point average for graduation, it is imperative that students work toward achieving and maintaining that average in the freshman, sophomore, and junior years.

Any student who earns grades in a given semester that yield less than a 2.0 cumulative grade point average will be placed on academic probation unless the student's semester grade point average is less than 1.0. Regardless of the cumulative average, any student who earns less than 1.0 in a given semester will be academically dismissed from the University.

To make satisfactory progress, students must earn at least seven (7) units of credit by the start of their second year, at least fifteen (15) units by the start of their third year, and at least twenty-three (23) units by the start of their fourth year. Students who fail to make satisfactory progress will be placed on academic probation for one year. If, at the end of the probationary year, satisfactory progress has not been reached, students will be academically dismissed from the University. Please note that in order to complete a

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# Academic Regulations and Procedures

## *Academic Probation and Dismissal* *Academic Honesty*

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degree in four years, the normal time for completion of the degree, a student must average 8.5 units of credit each year.

Students who have been placed on academic probation will be permitted to continue at Ohio Wesleyan if their performance in the next semester raises or maintains their cumulative grade point average. By the time the student has earned 15 graduation units (the start of the third year), however, the student must have and must maintain the 2.0 required for graduation.

Students who are academically dismissed from Ohio Wesleyan have the right to appeal their dismissal on the basis of verifiable, extenuating circumstances and may be permitted to enroll the following semester on a conditional basis. If the student is not permitted to enroll the following semester, the student may apply for reinstatement to Ohio Wesleyan after one semester, excluding summer, away from the campus.

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## Academic Honesty

### I. Preamble, Definitions and Examples

Scholarly work in every discipline involves the use of others' thoughts, work, and experimental results, published and unpublished. Academic honesty requires that such use be frankly and fully acknowledged. Failing to make such acknowledgment constitutes academic dishonesty.

All members of the Ohio Wesleyan community are obligated to maintain academic integrity and to foster it in others. Participating in, tolerating, or ignoring academic dishonesty must result from a radical misunderstanding of the nature of an academic community. Ignorance is no excuse for academic dishonesty. The Academic Honesty Policy is published in *The Ohio Wesleyan Catalog* which is available to each student throughout the year. Students will be held accountable for violations of the Academic Honesty Policy even if they claim they have not read it.

This policy is designed to make clear, in part by the penalties imposed, the seriousness of the University's commitment to academic honesty. It also is intended to promote thinking about the conventions of academic honesty, the process of learning those conventions, and the consequences of violating them. Its definitions and examples are not exhaustive.

#### **Definitions:**

There are many forms of academic dishonesty, including:

**Cheating**, the use of unauthorized, prohibited, or unacknowledged materials in any academic exercise;

**Fabricating**, the falsification or invention of information, interpretation, or source materials;

**Facilitating Academic Dishonesty**, the conscious participation, in any manner, in another student's commission of any academically dishonest act;

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# Academic Regulations and Procedures

## *Academic Honesty*

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**Plagiarizing**, the representation of words, ideas, figures, or materials from other sources (print, audio, visual or digital, including the Internet) as one's own.

### **Elaboration and Examples:**

#### **Cheating**

Unless told otherwise by their instructors, students should assume that examinations are to be completed without the use of books, notes, or conversation with others, either in person or electronically. Students who use or attempt to use unauthorized information in any academic exercise, including exams, are cheating.

#### **Fabricating**

Fabrication is the unauthorized falsification or invention of information in an academic exercise. For example, it is academically dishonest to "invent" information in a laboratory experiment. Also, students who, without notifying their instructor, attempt to submit academic work that has already been submitted for another course—whether that work has been graded or not—have fabricated their assignment.

#### **Facilitating Academic Dishonesty**

Students who make their work available for another student to submit as his or her own, whether exactly as is or in altered form, are facilitating academic dishonesty, as are students who allow others to copy their answers on examinations. Aiding and abetting other students' dishonesty is a serious breach of the Academic Honesty Policy and is itself punishable just as cheating, fabricating, and plagiarizing are.

#### **Plagiarizing**

The *Random House Webster's Dictionary of the English Language* defines *plagiarism* as "the unauthorized use of the language and thought of another author and the representation of them as one's own." Any failures to accurately and completely document all uses of source materials in an academic exercise constitute academic dishonesty. Source materials may include, but are not limited to, printed books, electronic media, oral reports, speeches, statistical information or analyses, anecdotal comments, visual media, musical performances, theatrical performances, or official and legal documents.

Plagiarism most commonly occurs in academic assignments when source materials are quoted, paraphrased, summarized, borrowed, or referenced **WITHOUT PROPER DOCUMENTATION PROVIDED**. The following are rules for citing source materials:

Provide a source for every direct quotation....

Document all ideas, opinions, facts, and information in your paper that you acquire from sources and that cannot be considered common knowledge....

Document all ideas, opinions, facts, and information in your paper that your readers might want to know more about or might question....

Provide content notes as needed, but sparingly....

Provide dates, identifications, and other information to assist the reader.

(Hairston and Ruszkiewicz, *The Scott, Foresman Handbook for Writers*, 4th ed. [New York: HarperCollins 1996], 567-570.)



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# Academic Regulations and Procedures

## *Academic Honesty*

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For examples and specific guidelines pertaining to documentation requirements, consult Part IV of *The Scott, Foresman Handbook* (“Research and Writing”). The handbook provides definitions, models, and examples of the conventions for citing sources and the standards for citation formats in different styles. Documentation formatting guidelines vary considerably among academic disciplines and courses; students should consult instructors in the appropriate discipline for information regarding citation formats and documentation standards. The responsibility for seeking this information and using it rests with each individual student.

### **II. Penalties for Violations of Academic Honesty Policy**

- a. The penalty for a first violation can range from a zero for the assignment to failing grade in the course. Students who commit only one act of academic dishonesty during their tenure at Ohio Wesleyan will have the record of that offense kept by the Dean of Academic Affairs expunged at the time of graduation.
- b. The penalty for a second offense is a failing grade in the course with a special notation on the student’s official transcript denoting “failure for reasons of academic dishonesty” and suspension from the University for a period of not less than one semester. For students found guilty of a second offense, the notation of “failure for academic dishonesty” will remain on their official transcripts for one year following their graduation or separation from the University and will be automatically expunged by the Registrar at that time.
- c. The penalty for a third offense is expulsion. For students found guilty of a third offense, the notation of “failure for academic dishonesty” will remain on their official transcript for three years following their expulsion and will be automatically expunged by the Registrar at that time.
- d. A student found guilty of a first act of academic dishonesty is required to receive instruction as to what constitutes academic dishonesty and must sign a statement verifying that instruction was given (see III. c. below). A student who fails to seek and receive such instruction within fifteen class days of notification by the Dean will have his/her transcript amended to note that the student has been charged with academic dishonesty in the particular course in which he/she was charged. This notation shall remain on the student’s transcript for three years after graduation or withdrawal from the University.

### **III. Procedures**

- a. When the instructor determines that academic dishonesty has occurred, he or she either assigns a penalty or refers the case to the Academic Conduct Review Board (ACRB). The instructor must also send a report to the Dean of Academic Affairs identifying the student and summarizing the case and the penalty assessed; the Dean will send a copy of this report to the student.
- b. The Dean is responsible for the following: (1) keeping records of all cases of academic dishonesty; (2) communicating to the student the report filed by the instructor in III.a. above; (3) ensuring that any student convicted of academic dishonesty receives instruction in the concepts of academic honesty and the procedures for its enforcement at Ohio Wesleyan, including the penalties for second and third violations; and (4) convening the ACRB as required and as necessary.
- c. Instruction in academic honesty may be given by the instructor of record or by a faculty member (normally the Dean of Academic Affairs); in either case the student

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# Academic Regulations and Procedures

## *Academic Honesty* *Academic Grievance Policy*

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- must sign a statement verifying that the instruction was given. This statement will be kept on file by the Dean.
- d. When a penalty has been assigned by the instructor, the student may appeal the charge of academic dishonesty or the penalty within fifteen (15) class days of receiving a copy of the report sent to the Dean. Appeals are to be presented by the student him/herself and heard by the ACRB. If the ACRB upholds the instructor's decision, the student may then appeal to the Provost. The appeal must be made to the Provost by the student. Once the Provost has ruled, no further appeal is permitted.
  - e. If the ACRB hears a case referred to it by the instructor, the ACRB determines whether the student did or did not violate the Academic Honesty Policy. If it decides that the student violated the policy, the ACRB assigns a penalty and sends a full report to the Dean, who distributes copies to the student and to the instructor of record. The student may appeal the ACRB's decision to the Provost. Once the Provost has ruled, no further appeal is permitted.
  - f. The ACRB consists of three faculty chosen by faculty vote, two students chosen through WCSA, and the Dean (who chairs the ACRB but has no vote). In instances involving a possible conflict of interest (e.g., the instructor of record is a member of ACRB), the faculty alternate, elected by the faculty, shall serve as a substitute with voting power. If the conflict of interest involves one of the two student members, the Dean of Academic Affairs shall ask WCSA to select an alternate who shall serve as a substitute with voting power.
  - g. In determining the penalty for a second offense, "one semester" is taken to mean a semester during the regular academic year. Thus a penalty of suspension of one semester, incurred during a summer session, would be enforced during the following fall semester.
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### **Academic Grievance Policy**

Membership in the Ohio Wesleyan community requires a devotion to the highest principles of academic and personal integrity, a commitment to maintain honor, and continuous regard for the rights of others. There can be no rights without individual responsibility.

Ohio Wesleyan assumes that its faculty is composed of mature and conscientious individuals, committed to teaching and learning as a career and a profession. Each teacher is presumed to develop and use methods and techniques which enhance learning and which best fit his or her personality and subject matter area. At the same time, the instructor is expected to abide by the general principles of responsible teaching, which are commonly accepted by the academic profession.

Students are free to take reasoned exception to the data or views offered in any course of study. While they may reserve judgement about matters of opinion, they are responsible for learning the content of any course in which they are enrolled.

In the event of an academic grievance, all parties involved are referred to Joint Statement on Rights and Freedoms of Students and the Complete Text of Endorsements by Sponsoring Organizations, which have been adopted by the Wesleyan Council on Student Affairs, the Faculty, and the Board of Trustees. They are also referred to the statement on academic honesty and plagiarism, which is above.

### **Grievance Procedure**

Any student who is convinced that his or her academic performance has been treated in a prejudicial or capricious manner or evaluated by criteria other than those appropriate to the course has the right to file an academic grievance. In some cases, the student may believe

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# Academic Regulations and Procedures

## *Academic Grievance Policy*

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that direct pursuit of the alleged violation by him or herself could result in prejudicial treatment of this case or in jeopardizing his or her relations with the faculty member or department involved. If this is so, the aggrieved student is urged to seek the advice of the academic advisor or other faculty member. As a result of these discussions, the student may ask a faculty or administrative staff member, not to include the President, the Provost, or the Dean of Academic Affairs, to act as intermediary in the case. Should that person agree to act as intermediary, the same procedure should be followed as when students are acting in their own behalf (outlined below). It is understood that in their nature, some complaints cannot be pursued, or pursued to final solution, without the student's name being known to the faculty member or department involved.

In order to preserve academic freedom and still provide an avenue for appeal for a student who seeks redress of an academic grievance, the following procedure is established. The discussion and resolution of a problem between a member of the faculty and a student or students shall follow these steps:

1. The student should make an appointment to discuss the grievance with the professor involved. The student shall provide appropriate documentation of the grievance. If the grievance is not resolved, the student may proceed to step 2.
2. The student should now make an appointment with the chairperson of the department involved. Again, the student should provide appropriate documentation of the grievance. The chairperson should ask the professor to provide rebuttal material, if appropriate. In cases where the chairperson is the instructor involved in the grievance, another full-time faculty member in the department, the student's academic advisor, or another faculty member may serve in this mediating capacity. If the grievance is not resolved to the satisfaction of the student and the faculty member involved, the student may proceed to step 3.
3. The student should make an appointment to discuss the grievance with the Dean of Academic Affairs. This step must be initiated by the end of the fifth week of the semester immediately following the one in which the grievance arose. The student should provide appropriate written documentation of the grievance, including the results of steps 1 and 2. The written documentation should be provided to the Dean at least one day in advance of the appointment to discuss the grievance. The Dean will investigate the complaint by obtaining data and statements from all parties involved and will attempt to resolve the grievance by mutual consent of the student and faculty member.

If the case cannot be resolved based on the information available, the Dean shall convene an advisory committee of two faculty members, preferably with little or no prior knowledge of the grievance. The student will select one other faculty member. The faculty member may be from the department involved or from related disciplines. Each party may exercise one preemptory challenge. The committee shall decide the outcome of the complaint with the advice of the Dean who will then notify the student and faculty member. In cases where a change of grade is deemed appropriate, the Dean shall initiate the change of grade at the Registrar's office and shall notify the student, the faculty member, and the chairperson (or other mediator) that he/she has done so. The grievance shall normally be resolved by the last day of the semester in which the grievance has been filed.

The decision of the committee is final, and no further appeal procedure shall exist within the University.

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# Academic Regulations and Procedures

## *Responsibility for Meeting Requirements*

### *Final Examination Policy*

### *Leave of Absence*

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#### **Responsibility for Meeting Requirements**

*Students are ultimately responsible for their own academic program and for meeting the degree requirements. As early as the second semester of the junior year, each student should file for the degree by checking the academic records in the Office of the Registrar to determine if all requirements will be met by the planned date of graduation. The record should be checked for number of units credited toward graduation, requirements for upper level courses, and the fulfillment of all other requirements. By making this check, students will have more time to make adjustments in their schedules during the senior year to accommodate missing courses and/or credits. This check must be completed before the end of the Fall semester prior to graduation.*

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#### **Final Examination Policy**

In any particular course, the course instructor determines whether or not a final examination is appropriate and to be given. In staff-taught courses, the department(s) make such determination. Such determination shall be announced in class early in the semester.

- a. It is the intent of the University that its students receive a full 15 weeks of instruction per semester, and that any in-class final examination be given only on the day, and at the time, officially scheduled by the Registrar during the period set aside for this purpose.
- b. Any assignment(s) that may substitute in a course for an in-class final examination shall be turned in at the time of the officially scheduled final examination for that course.
- c. Final examinations in class shall be no more than three hours in duration.
- d. Exceptions to a. and b. above may be necessary because of the early deadline for spring semester seniors expecting to graduate. Under this circumstance a final examination may be given at a time outside the official schedule at the mutual convenience of the instructor and seniors involved. In no case shall such an examination conflict with or overlap other regularly scheduled class or laboratory hours of the seniors.
- e. No course examination given during the 15-week semester shall overlap or conflict with regularly scheduled classes or laboratories.

Although special examinations are to be avoided, unforeseen circumstances may make them unavoidable. In such a case, a special final examination may be given after approval is granted by the Academic Status Committee and the course instructor and after payment is made of a special charge for final examination service (see Fees).

Exceptions to this policy shall be cleared in advance with the Dean of Academic Affairs.

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#### **Leave of Absence**

A leave of absence may be granted to a student who wishes to interrupt, but not permanently discontinue, enrollment at Ohio Wesleyan. Leaves of up to one academic year may be granted for personal, medical, or emergency reasons. Requests for leaves of absence must be made in writing and submitted to the Office of the Registrar.

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# Academic Regulations and Procedures

*Leave of Absence*  
*Withdrawal from the University*  
*Reinstatements*  
*Classification of Students*

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In the semester preceding their return to the University, students on leaves of absence will be eligible to participate in such procedures as pre-registration for classes and room drawing for housing assignments along with students who are regularly enrolled.

To be eligible for a leave of absence, the student must be in good academic, financial, and social standing. Students who have been dismissed for any reason from the University are not eligible.

While on a leave of absence, the student's registration deposit (\$300) will be retained by the University. If the student does not return to full-time enrollment, he or she will forfeit the registration deposit. The leave may be in effect for one academic year.

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## **Withdrawal from the University**

Students who find it necessary to withdraw from the University should report to a staff member in the Registrar's Office. A student voluntarily withdrawing within the first two weeks of a semester will have no record made for that semester's enrollment. After the first two weeks of a semester and through the 10th week, grades of W will be recorded for each course. After the 10th week, grades will be "WP" (withdrawn passing) or "WF" (withdrawn failing). Withdrawal within the last four class days of a semester will result automatically in marks of F in all courses. Grades of W, WP, or WF are not counted in computing a student's cumulative average, but will appear on the student's permanent record. See the Expenses section of this *Catalog* for the refund of tuition policy.

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## **Reinstatements**

Students who leave the University for academic or nonacademic reasons, except when leaving on University-approved and University-sponsored academic programs elsewhere, or a leave of absence, should apply for reinstatement through the Office of the Registrar. If possible, the reinstatement application should be filed at least one month prior to the semester in which the student wishes to be reinstated. An application form will be given or mailed to the student upon request to the Office of the Registrar.

Upon receipt of the student's formal application for reinstatement and any other information pertinent to the decision-making process concerning reinstatement, the Academic Status Committee will determine whether the student will be reinstated. The student has the right to appear in person to submit evidence, arguments and/or witnesses before the Committee at the time it is considering the student's request for reinstatement.

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## **Classification of Students**

Ohio Wesleyan students are classified according to the number of graduation units completed. These classifications are:

Freshman	Fewer than seven units of credit
Sophomore	Seven or more but fewer than 15 units
Junior	Fifteen or more but fewer than 23 units
Senior	Twenty-three or more units

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# Academic Regulations and Procedures

## *Transfer of Credits* *Student-Initiated Courses* *Petitions*

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### **Transfer of Credits**

Under certain conditions, Ohio Wesleyan will award transfer credit for work taken at another college or university. The other college or university must be accredited by a national accrediting agency, the student's performance in the course must be at C- or better, and the course must be consistent with the liberal arts.

Students may not receive academic credit during the same semester from two different colleges such as OWU and another unless their enrollment at the other college is part of a defined program at OWU. This restriction does not apply to enrollment in summer session courses.

Students must have an official transcript sent directly to the Registrar at Ohio Wesleyan from the other college or university prior to enrollment at Ohio Wesleyan. Only credit will transfer to the student's record at Ohio Wesleyan; grades earned elsewhere will be placed on the academic record, but do not become part of the Ohio Wesleyan grade point average. Courses taken elsewhere may be used to meet the University's basic and distribution requirements. Students should consult with their major department if they wish to count transferred courses in the major.

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### **Student-Initiated Courses**

Student-initiated courses are available in accordance with the following procedures:

Prior to the course's being listed in the pre-registration schedule, two faculty members who judge the content to be within their areas of competence and the student coordinator(s) shall file with the Registrar signed statements that they agree on the content of the course, on the format of the course, and on evaluation procedures for the participants in the course.

Although the student coordinator(s) should share in evaluating the course, the grading and therefore the issuing of credit remains the responsibility of the two faculty sponsors. They should follow the normal procedures for grading as outlined in this Catalog. It is assumed that to fulfill this function effectively, the sponsors will attend the class sessions on a regular basis.

The course syllabi and reading lists are to be filed with the Registrar's Office at the time of the submission of the grades. Student evaluations of each course are to be filed in the Academic Affairs Office.

A special designation for these courses shall be determined in consultation with the Registrar. All new courses in the program must have the prior approval of the Academic Policy Committee. Funding for student-initiated courses may be obtained through the Academic Affairs Office.

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### **Petitions**

Exception to academic regulations, procedures, or policies will not be granted unless where warranted by documented, extenuating circumstances. In such cases the student must file a petition with the Academic Status committee. These petitions are available in the Office of the Registrar. Petitions regarding a specific course must be submitted to the Registrar's Office by the end of the fifth week of the following semester. Please also see the section on the University's Academic Grievance Policy.

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# Academic Honors and Prizes

## *Academic Honors*

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### **Academic Honors**

Aware that students may achieve high scholarship in a variety of ways, the University faculty has formulated the following programs of recognition:

### **Honors Students**

The University's Honors Students constitute a community of scholars who have achieved at the highest academic levels and hold outstanding promise for continued academic growth.

Students with outstanding high school records may become Honors Students through admission to the University as Presidential, Trustee, and Faculty Scholars. After applying to the Honors Program, these students are eligible to take Tutorials and Honors Seminars and may participate in special programs for Honors Students. Students who achieve at least a 3.5 cumulative g.p.a. may also apply to be Honors Students through the Office of Academic Affairs and are then entitled to participate in Tutorials, Honors Seminars, and other Honors programs.

### **The Dean's List**

Students who achieve a superior academic average during each semester will be placed on the Dean's List. Academic qualifications for inclusion on the Dean's List require at least a 3.50 semester grade point average for all courses attempted and for a minimum of three unit (or 1.25 unit) courses with grades assigned.

### **Honors in Course**

"Honors" are awarded in a course for satisfactory completion of some project beyond the normal requirements of the course. The project must have been initiated by the student and approved by the instructor as a project worthy of honors. The student will register the project within the first five weeks of the semester with the course instructor. Provided the student has a grade of B or better in the course, and provided the instructor considers the completed project worthy of honors, an H will be appended to the student's grade for the course. Time limitations on the completion of an honors project must conform to the general rules for completion of course work.

In exceptional cases, an instructor may, after consultation with the Office of Academic Affairs, award honors to a student who has not formally registered with the instructor, but who has completed a project of such merit as to warrant the award of honors. Such "honors" courses do not count toward graduation with University Honors.

### **Graduation with University Honors**

To graduate with University Honors, one must:

1. Achieve at least a 3.5 cumulative grade point average by the end of the junior year. Students must also achieve a 3.5 cumulative grade point average by graduation.
2. Complete at least four semester units of work in the Honors Program, selected from among the following areas:

Tutorial and Independent Study Projects. (Two units of credit required.) Honors Students may count two tutorials or one tutorial and one independent study/directed readings or two independent studies/directed readings toward graduation with University Honors. Participating students are eligible for grants to help offset expenses such as research travel, expendable equipment, and project materials.

Honors Seminars: (Two units of credit required) Courses for Honors Students are available each semester. Some of these may be interdisciplinary while others may be honors sections of regular courses. "Honors in Course" does not qualify as an honors seminar.

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# Academic Honors and Prizes

## *Academic Honors*

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### Graduation with Departmental Honors

3. Pass a written comprehensive examination in the major department or program before the end of the fifth week of the spring semester of the senior year. Students should notify the department before the end of fall semester that they intend to take the exam.
4. Students intending to graduate with University Honors must obtain appropriate forms from the Office of Academic Affairs and then file an “Application to Graduate with University Honors” with the Office of Academic Affairs *no later than the end of the twelfth week of the fall semester of the student’s senior year*. They must also file with the Office of Academic Affairs, a “Certification of Honors Earned” no later than the twelfth week of the spring semester.

Graduation with Departmental Honors requires an independent project, an oral exam on the project, and a comprehensive exam in a student’s major department during the senior year.

This program is open to any student who meets one of the following criteria:

1. The student has attained a cumulative grade point average of 3.5 in the major after the fall semester, junior year, as well as an overall grade point average of 3.00 OR
2. The student does not have the GPAs specified above but does have the support of his or her major department and has successfully petitioned the Academic Policy Committee.

A project will involve two semesters of work, for which the student may earn up to two units of independent study credit (course 490). (These credits may not be used to fulfill the requirements for Graduation with University Honors.) The major department has the option of requiring the student to take specific courses or of modifying existing departmental courses or requirements for students seeking Graduation with Departmental Honors.

Students have two possible timetables for pursuing Graduation with Departmental Honors—the Junior Cycle and the Senior Cycle. Each is designed to accommodate the scheduling variations in a student’s undergraduate academic career: apprenticeships, study abroad, independent research project schedules, and the like. Students should select the option that fits their needs as well as the schedule of their supervising professor.

To apply for the program, the student should obtain the appropriate forms from the Office of Academic Affairs and, in consultation with the supervising professor, submit the completed forms to the Dean for Academic Affairs. Completed applications should reach the Dean’s office no later than the twelfth week in the fall semester of the student’s junior year for the Junior Cycle, and no later than the twelfth week in the spring semester of the student’s junior year for the Senior Cycle.

The student’s project must include a written report suitable for permanent inclusion in the library. The student must submit the completed project to an Examining Committee no later than one month before the end of classes during the fall semester of the senior year (Junior Cycle) or one month before the end of classes during the spring semester of the senior year (Senior Cycle). The Dean of Academic Affairs will be responsible for selecting this Committee. It will consist of four faculty members—two from the major department, one from a cognate department where appropriate, and one from a department not related to the major. After the oral examination on the project, a bound copy of the report and an abstract must be submitted to the Office of Academic Affairs.



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# Academic Honors and Prizes

## *Academic Honors Prizes and Awards*

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The student must also pass a comprehensive exam that will include written and oral components. The written exam must be completed before the end of the fifth week of the spring semester of the senior year. The chairperson of the major department will be responsible for administering the written exam. The department chairperson will inform the Examining Committee that the student has successfully passed the written exam. No later than one week before the end of classes, the Examining Committee must certify to the Dean of Academic Affairs and to the Registrar that the student has successfully passed the comprehensive exam. Any department may require an alternative method of evaluation that will be developed in consultation with the Examination Committee.

A student who satisfies these conditions is graduated with Honors in the Department of. . . . The student's name is listed in the commencement program along with the department or program. The student's permanent record will also show Graduation with Departmental Honors.

### Graduation with Distinction

Students who attain the following grade point averages will graduate with the corresponding recognition:

3.90 *summa cum laude*  
3.75 *magna cum laude*  
3.50 *cum laude*

This distinction in scholarship is noted both on the diploma and in the commencement program.

### Graduation Rate

Of the students in the freshman class entering in 1998, sixty-one percent (61%) have received their degree from this college.

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## Prizes and Awards

**AAHPERD Major of the Year Award**, presented to the outstanding physical education major by the American Alliance of Health Physical Education Recreation and Dance.

**Ernest F. Amy Prize**, established with various contributions in Dr. Amy's memory. Awarded to the most outstanding junior English major.

**The Ancient, Medieval, and Renaissance Studies Senior Book Prize**, presented to graduating majors and/or minors in the Ancient, Medieval, and Renaissance Studies Program who have shown the highest level of academic achievement and intellectual promise.

**The Daniel E. Anderson Memorial Award**, for excellence in philosophy research.

**Award for Outstanding Achievement in International Studies**, given to the outstanding senior international studies major.

**Garry A. Bahrach Memorial Award for Excellence in Research**, presented to the student judged to have displayed the greatest proficiency in a research project.

**The Ralph A. Bowdle Award**, established in 1990, for exceptional contribution to the zoology department by a senior zoology major.

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# Academic Honors and Prizes

## *Prizes and Awards*

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**The Burns/Shirling Award**, established in 1979 in honor of Dr. George Burns and Dr. Elwood Shirling. Given annually to the outstanding junior or senior major in the Department of Botany/Microbiology.

**The Esther Carpenter Awards**, established in 2002 in honor of Esther Carpenter, a 1925 graduate of Ohio Wesleyan University. One award is given to an outstanding senior woman in botany/microbiology for research and academic excellence. The other honors a senior woman zoology major who best exemplifies the ideals of a liberal arts education and shows potential for future contributions to her profession and society at large.

**Class of 1870 Memorial Prize**, established in 1921 by members of this class for awards for original compositions.

**The Edwin G. Conklin Award**, established in 1987 to honor an early alumnus, faculty member, and biologist of international stature. Awarded to a senior zoology major for outstanding independent studies in zoology.

**Susan E. Conwell Memorial Art Award**, established in December 1996 by the family and friends of Susan E. Conwell '91. Awarded annually to a fine arts student who is about to enter the sophomore, junior or senior year of study, who has demonstrated significant achievement and potential for continued creative production in more than one area of the fine arts program.

**Corns Business and Entrepreneurial Scholars Program** is named in memory of the former president of Roadway Express, Richard W. Corns, and funded through a \$1 million dollar endowment from the GAR Foundation. Each academic year the program provides a scholarship to at least ten junior and senior students. Criteria are a minimum GPA of 3.3 and proven leadership in campus or community service organizations.

**The Robert R. Crosby Service Award**, given to a senior theatre major who has made exemplary contribution to the Department of Theatre and Dance.

**Mary Elizabeth Davies and W. W. Davies Prizes**, established in 1921 for awards in German.

**William R. Diem Outstanding Journalism Graduate Award**, established in 1978 with an endowment provided by the family and friends of the late William R. Diem '47.

**Marie Drennan Prize** for poetry, established in 1980.

**The Loyd D. Easton Prize** for excellence in philosophy, established in 1980.

**Hastings Eells Prize in History**, established in 1979 by Mr. William Eells. Awarded to the most outstanding senior history major.

**Excellence in Dance Award**, to be awarded annually for outstanding contribution to dance during the year.

**Excellence in Theatrical Performance Award**, to be awarded annually for outstanding contribution to theatrical performance during the year.

**Excellence in Theatrical Production Award**, to be awarded annually for outstanding contribution to theatrical production during the year.

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# Academic Honors and Prizes

## *Prizes and Awards*

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**The Fairhurst Memorial Scholarship**, is awarded to a fine arts major who is receiving financial aid. The award expresses departmental recognition for outstanding work or artistic potential.

**The Fine Arts Recognition Award**, is awarded to one or two fine arts majors who have demonstrated outstanding productivity and significant potential for future development. These students must be eligible for/or currently receiving financial aid.

**Emily Fitton Writing Award**, established in 1976 for a meritorious paper in sociology/anthropology.

**Founders Award for Expository Writing**, established in 1979 to encourage expository writing among Ohio Wesleyan students and to recognize outstanding writers of expository prose in each of three academic areas—the social sciences, sciences, and humanities.

**The Dorothy Getz Fellowship**, awarded to a student majoring in the Department of Fine Arts who has demonstrated academic and creative excellence in both the liberal and fine arts.

**Grothe Award**, established in 1987, to be awarded for outstanding performance in modern foreign languages.

**The Hahn Scholarship Award**, established in 1993 in honor of Professor Paul T. and Virginia L. Hahn to provide partial scholarship for study abroad in a German-speaking country.

**The Ralph E. Hall Fellowships**, presented to chemistry majors entering their final year who have demonstrated outstanding scholarship.

**The Hallenbeck Prize**, established in 2003 in honor of professor Jan T. Hallenbeck, is presented annually to an outstanding senior specializing in the Ancient, Medieval & Renaissance Studies program.

**The George B. Harris Award**, established in 1990, for outstanding academic achievement by a senior zoology major.

**The Paul W. Hawks Memorial Art Award**, established in 1987 with an endowment provided by the family and friends of the late Paul W. Hawks '78. Awarded annually to a fine arts student who is about to enter his/her junior or senior year of study and has shown distinction in studio art—preferably photography.

**James J. Hearn Award**, established in 1953 to encourage wider participation by students in affairs of government.

**Julian Higley Memorial Prize**, established by Professor G.O. Higley for meritorious scholarship in chemistry and promise of professional attainment.

**Corinthia and Orsamus D. Hough Award**, established in 1903. To be granted to a graduating sociology/anthropology major to secure “practical acquaintance with the underprivileged class.”

**Sallie Thomson Humphreys Student Prize**, by bequest from Miss Humphreys for meritorious work in the Department of Fine Arts.

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# Academic Honors and Prizes

## *Prizes and Awards*

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**Frederick L. Hunt Prize**, for proficiency and promise in creative writing.

**International Studies Program Award for Excellence**, presented to the outstanding senior major in the International Studies Program and based on academic performance.

**The James Memorial Scholarship Award**, established in honor of Helen Hill James, is given annually to a woman theatre major who embodies the spirit of Ms. James.

**Christian Kamm Scholarship**, awarded annually to one or more senior students majoring in economics, economics management, or accounting. Selection criteria includes evidence of demonstrated scholarship and community service.

**The Janet King Award**, established by alumnus Janet King, is given to the sociology/anthropology major who has performed significant work that connects research or other academic work to public service.

**The Samuel C. Kissner and Alberta Smith Kissner Fund**, established in 1985 for faculty travel and for promising students in the Department of Theatre and Dance.

**The Molly LaRue Memorial Art Award**, is granted each year to a fine arts student about to enter his/her junior or senior year of study. The award is granted to a student who has achieved distinctive production in studio art—preferably ceramics, jewelry-metals and/or sculpture. Miss LaRue was a 1987 graduate.

**L. Dana Latham Prize**, established by Mr. Latham in 1945 and presented as an incentive prize for creative work in theatre.

**The Leadership Award in French, German and Spanish**, awarded to an outstanding student leader in the fields of French, German and Spanish.

**Florence Leas Prize**, established in 1947 for first- and second-year students studying mathematics or computer science.

**Norman H. Leonard Essay Competition Award**, established in 1990 in honor of Dr. Norman H. Leonard, professor emeritus in economics, awarded annually for the outstanding essay on a topic in either economics, management or accounting selected specifically for the competition.

**The Richard A. Lerman '68 Memorial Award**, established in 2001, assists junior or senior psychology majors who have achieved honor status.

**Ülle Lewes Prize for Non-Fiction Writing**, for proficiency and promise in non-fiction writing.

**The Meek Leadership Awards** were endowed by Phillip J. and Nancy LaPorte Meek, both graduates of the Class of 1959, in 1997 and will fund awards for seniors who have demonstrated exceptional leadership service during their years at Ohio Wesleyan and encourages them to sustain that commitment throughout their lives.

**The T'ai Ananda Merion '96 Memorial Scholarship Award**, established in 2000, is awarded to juniors and seniors who demonstrate excellence in the fields of playwriting and screenwriting.

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# Academic Honors and Prizes

## *Prizes and Awards*

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**Burton Morgan Award**, was established with an endowment grant by the Burton Morgan Foundation to the Woltemade Center. The award is given for the best research paper by a junior or senior in the area of entrepreneurship and/or small business.

**The Robert and Elizabeth Muller Award for Promise in Physics**, established in 2000.

**Music Achievement Award**, awarded to a graduating senior B.M. or B.A. music major who has demonstrated excellence in the area of music specialization, as well as initiative and leadership in departmental organizations and activities.

**Music Performance Award**, awarded to a graduating senior B.M. or B.A. music major who has demonstrated excellence in music as a performer.

**NCAC Scholar Athlete Award**, for outstanding scholar-athletes.

**The Phi Gamma Delta Academic Achievement Award** is presented to pledges/members of the fraternity to encourage academic excellence.

**Phi Sigma Iota Award for Highest Academic Achievement in Modern Foreign Languages**, given to an outstanding senior modern foreign languages major.

**Psi Chi Honor Society Award for Outstanding Department Citizenship**, presented to the student who has contributed most to the betterment of the psychology department and has exhibited outstanding leadership and achievement in curricula and co-curricular activities.

**Psychology Department Award for Outstanding Scholastic Achievement**, presented to the outstanding senior major on the basis of academic performance, professional potential, and general merit.

**Putnam Baseball Trophy**, to a senior based on scholarship and recommendations by the baseball coaches. Established by the Putnam family.

**Libuse Reed Award for Outstanding Senior Non-Fiction Writing**, for English majors only.

**The Edward L. Rice Scholarship**, established in 1929 in Dr. Rice's honor, for awards for summer experience at a biological field station or a similar field site.

**Dwight Nelson Robinson Memorial Endowment**, for awards for postgraduate work in classics or humanities.

**Outstanding Educator Award**, established in 1994, presented to two student teachers who are "outstanding teacher education students with the potential to make a substantial contribution to the profession of teaching."

**The Rodman Memorial Scholarship Award**, established in memory of Glen Stuart Rodman '70, is given annually to a theatre student who is committed to the theatre program in the context of a liberal arts education.

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# Academic Honors and Prizes

## *Prizes and Awards*

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**The Annie Rogers Rusk Prize in Art**, established in 1986 with an endowment provided by Rogers D. Rusk 1916. Awarded annually to a fine arts major who is about to enter his/her junior or senior year of study and has shown distinction in studio art – preferably painting.

**The Rogers D. Rusk Prize in Physics**, endowed by Dr. Rogers D. Rusk '16. Awarded annually to a senior major in the department of physics and astronomy for “distinction in physics.”

**Anna H. Rusoff Memorial History Prize**, endowed in 1983 by Robert H. Rusoff. Awarded annually to the best history essay written during the current year by graduating history majors.

**The Charles H. and Magdalen Schafer Chemistry Scholarship In Honor of Professor G.O. Higley**, presented to the chemistry majors entering their third year who have exhibited excellence of personal character and achievement in chemistry.

**The Robert E. Shanklin Prizes in Geology and Geography**, established in 1992 in memory of Robert E. Shanklin, professor emeritus in geology/geography, by his family, friends, and former students. Awards annually to outstanding students in the department.

**The Eloise King Shaw Special Recognition Award**, is awarded each year to a fine arts student who has demonstrated academic excellence in art history.

**Sigma Xi Student Research Award**, awarded to a senior demonstrating excellence and promise in scientific research.

**The Ralph V. Sinnett Award**, for excellence in chemical research on the part of undergraduates.

**The Slocum Prizes**, established by Charles Elihu Slocum in 1903 for graduating seniors having the highest cumulative grade point average in classics, science, music, and literature.

**Sociology/Anthropology Faculty Award**, established in 1978. Awarded to the most outstanding senior major.

**Ralph W. Sockman Award for Excellence in the Study of Religion**, given to the outstanding senior religion major.

**The Emma Sparks Memorial Prize**, established by William L. Sanders to provide awards for superior accomplishment in 19th Century English literature.

**The Benjamin T. Spencer Awards**, given to encourage the standard of excellence set by Dr. Spencer in almost 40 years of teaching at Ohio Wesleyan. Funded by an English department grant, the awards recognize superior talent in imaginative writing.

**David H. Staley Award**, given to recognize academic excellence in mathematics and computer science among juniors.

**Harriet Stewart Award**, established in 1988 in honor of Dr. Stewart and her contributions to physical education at Ohio Wesleyan. The award is given annually to the physical education major who best exemplifies the professional qualities of Dr. Stewart.

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# Academic Honors and Prizes

## *Prizes and Awards*

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**William D. Stull Award**, established in 1977 in Dr. Stull's honor. Given annually to a student who performs curatorial duties in the Ohio Wesleyan Museum of Zoology.

**The Norman Taylor Award**, was established in 1985 in memory of Norman I. Taylor, member of the Class of 1903. The award is given for the major with the highest GPA upon entering the senior year.

**Wall Street Journal Student Achievement Award**, presented to the outstanding senior major in the economics department based on academic standing.

**The Earl E. Warner Award for Academic Excellence**, established in 1978 to honor the senior politics and government major maintaining the highest grade point average during four years at Ohio Wesleyan.

**The Wesleyan Players Award**, established in 1920 by Professor Clarence Hunter, is awarded to a senior in the Department of Theatre & Dance for outstanding contribution to theatre at OWU.

**The Edward J. Wheeler Poetry Prize**, established by bequest from Mr. Wheeler in 1924, is awarded to a student for the most meritorious poem or group of poems.

**The Walter L. Whithaus Golf Scholarship Award**, established in 2000, is meant to assist senior members of the golf team with their postgraduate education.

**The Elizabeth Cass Wills Prize**, established in 1990 by J. Henry Wills in memory of his wife, is given to a senior or recent graduate entering graduate school in zoology.

**Robert L. Wilson Computer Science Prize**, given to the outstanding senior computer science major.

**Robert L. Wilson Mathematics Prize**, given to the outstanding senior mathematics major.

**The Dr. Charlotte Wolf Academic Achievement Award**, established in 2002 in her memory, is presented to a senior student with outstanding scholarship, who, in the opinion of the sociology faculty, has the greatest potential for a career in academic sociology.

**The Woltemade Prize**, was established in 1997 in memory of Uwe J. Woltemade to honor his legacy of service to Ohio Wesleyan University. The award is made annually to the junior or senior student who exhibits academic excellence in comparative and/or international studies.

**Helen Beal Woodward Journalism Award**, for outstanding writing by a journalism student.

**The Gilson Wright Award for Journalistic Enterprise**, established in 1964 by Mr. Wright to award students who demonstrate journalism activity beyond the routine.

**The Lawrence E. Young, M.D. Award**, established in 1994 by his family to support students interested in health-related careers as they undertake influential experiences.

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# Academic Honors and Prizes

## *Honorary Societies*

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### **Honorary Societies**

**Alpha Kappa Delta** — Sociology  
**Chi Gamma Nu** — Chemistry  
**Delta Phi Alpha** — German  
**Kappa Delta Pi** — Education  
**Mortar Board** — Junior/Senior Scholarship  
**Mu Phi Epsilon** — Music  
**Omicron Delta Epsilon** — Economics  
**Omicron Delta Kappa** — Junior/Senior Scholarship  
**Phi Alpha Theta** — History  
**Phi Beta Kappa** — Senior Scholarship/Character  
**Phi Eta Sigma** — Freshman Scholarship  
**Phi Sigma** — Biological Sciences  
**Phi Sigma Iota** — Foreign Languages  
**Phi Sigma Tau** — Philosophy  
**Phi Society** — Sophomore Scholarship  
**Pi Kappa Lambda** — Music  
**Pi Mu Epsilon** — Mathematics  
**Pi Sigma Alpha** — Political Science  
**Psi Chi** — Psychology  
**Sigma Beta Delta** — Management  
**Sigma Gamma Epsilon** — Earth Science  
**Sigma Iota Rho** — International Studies  
**Sigma Pi Sigma** — Physics  
**Sigma Tau Delta** — English  
**Sigma Xi** — Sciences  
**Theta Alpha Kappa** — Religion  
**Theta Alpha Phi** — Theatre



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# Degrees and Special Programs

## *Requirements for All Degrees*

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### **Requirements for All Degrees**

Ohio Wesleyan students may study for any of the three degrees offered by the University: the Bachelor of Arts, Bachelor of Fine Arts, and the Bachelor of Music.

The following are required for any degree:

#### *Thirty-four Units*

Thirty-four units of passing work. Only courses in which a passing grade (D- or better) has been received may be counted toward the 34 graduation units.

#### *Grade Average*

A 2.0 cumulative grade point average.

#### *Full-Time Enrollment*

Full-time enrollment in the junior and senior years at Ohio Wesleyan or on an approved off-campus study program (see Residence Requirement).

#### *Competency in English*

To be certified as competent in English composition, students must demonstrate the ability to write logically structured, clear, and mechanically accurate expository essays and resource papers. This may be done in one of two ways:

**A. Standardized Testing.** Distinguished performance on one of the following standardized tests of verbal aptitude and skills will result in exemption from the English composition requirement:

1. A score of 4 or 5 on the Advanced Placement Examination. In addition to meeting the competency requirement, this score will earn students one unit of English literature credit.
2. A score of 710 or higher on the verbal portion of the Scholastic Assessment (SAT-I) Test.
3. A score of 710 or higher on the SAT-II subject test in writing or English composition, of the College Entrance Examination Board.
4. A score of 30 or higher on the ACT sub-test in English.

**B. Course Completion.** Students not exempted by reason of their test scores (see A. above) will demonstrate competence by achieving a grade of C- or better in ENG 105, which may not be taken credit/no entry. The English composition requirement normally must be completed by the end of the student's second semester at Ohio Wesleyan.

#### *Competency in Writing Across the Curriculum*

To be certified as competent in writing across the disciplines, students must complete three writing-intensive ("R") courses (each worth at least .50 units of credit), normally one each during the sophomore, junior, and senior years, after completion of the English Competency requirement.

To earn an "R", the student should produce 4,000 words (15 pages) of writing, either as one major paper or two or more smaller papers. Normally the paper(s) is taken through several stages of drafts, with substantial advice from the instructor at each stage. Such advice occurs in conference with, as well as editorial comment by, the professor.

Students who are exempt from the English Competency requirement on the basis of standardized test scores may take writing courses in their first year. Students will receive the R-notation on their transcripts for all courses in which they successfully complete the R-component and pass the course.

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# Degrees and Special Programs

## *Requirements for All Degrees*

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### *Cultural Diversity Requirement*

Beginning with those students entering in 1993, all students at Ohio Wesleyan must complete one unit course with a substantial focus on Non-Euro-American topics. Such courses will deal with the peoples and cultures of Africa, Asia (including the Middle East), Latin America, Native North America (Amerindians), and Oceania or with American ethnic minorities who trace their ancestry to one of these regions. Such courses are listed below and are designated in the Schedule of Classes.

It is acceptable for a course to meet both the cultural diversity requirement and another requirement. For example, a diversity course could also be used as a course in a student's major or as a distribution requirement.

Students who spend a semester or more in a University-approved, off-campus study program in Africa, Asia (including the Middle East), Latin America, Native North America or Oceania would meet the cultural diversity requirement through their off-campus experience.

Those courses which meet the diversity requirement are: ART 348, 349; BWS 100.1, 122, 126, 128, 224, 274, 300.1, 342, 343, 348, 350, 368, 370; ECON 300.4, 353, 370; EMAN 300.4; ENG 224, 268, 273, 278, 369; FREN 255, 257, 379; GEOG 110, 300.3, 345, 334; HMCL 127, 227, 265, 300.3, 375, 499A; HIST 115, 116, 322, 323, 324, 325, 331, 332, 333, 334, 335; MUS 347, 348; PG 211, 260, 300.5, 344, 348, 349; REL 104, 111, 312, 313, 316, 336, 341, 343, 344, 346, 352, 353; SOAN 111, 291, 292, 293, 294, 295, 354, 357, 360, 367; SPAN 255, 300.4, 350, 352, 362, 364, 499 (special sections only when concentration is Latin America); WGS 110, 260, 300.2, 300.3, 499D, 499E, 499F.

Beginning with incoming freshmen in 2006, students seeking teaching licenses must complete two unit courses with a substantial focus on non-Euro-American topics.

### *Proficiency in Writing*

Any instructor in the University may submit, in addition to the regular grade in a course for any student, a supplementary evaluation in English composition. Any unsatisfactory (U) evaluation, (including U's in courses taken credit/no entry, even though credit may not have been earned and the course not entered on the record), remands the student to the Writing Resource Center and must be cleared within the next semester in which the student is enrolled. Failure to be certified for release at the end of the following semester will result in review for retention in the University by the Committee on Academic Status. Seniors with U's on their record may not graduate until the U is removed. All U notations will be erased from the student's academic record once clearance is certified to the Registrar by the Writing Resource Center. Until a student has completed ENG 105, he or she will not normally be tutored in the Writing Resource Center.

### *Policy on Participation in Commencement*

Students who have completed 32 units toward graduation by the end of Spring semester will be eligible to participate in commencement in May. One's intention to participate in commencement must be stated at senior checkout, which must be scheduled with the Registrar's Office and be held before the end of the previous Fall semester.

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# Degrees and Special Programs

## *The Bachelor of Arts Degree*

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### **The Bachelor of Arts Degree**

#### *Unit Courses*

In addition to the requirements above for all Ohio Wesleyan degrees, each candidate for the Bachelor of Arts must complete or fulfill the following:

Of the 34 graduation units, 31 must be full-unit courses or 1.25-unit courses. Modular (.50-unit) courses taken in the same discipline may be combined in pairs to count also as unit courses to fulfill graduation requirements. Modular courses taken in different disciplines may not be combined to count as unit courses, but instead will be counted in the three units of fractional courses that may count toward graduation. Credit for a maximum of two units (eight courses) in physical education activity courses, including varsity sports, may be earned and applied to the 34 units required for graduation. (Such courses are designated on the course schedule with prefix PE and 0 as the first digit of the course number.) If more than eight activity courses (two units) are completed, credit for subsequent courses will not be awarded and grades for such courses will not be included in term or cumulative GPA calculations. Credit for a maximum of two units in music organization and music ensemble courses may be earned and applied to the 34 units required for graduation. (Music organizations and ensembles are listed in this catalog under Music.) If more than two units of music organization and/or ensemble courses are completed, credit for subsequent courses will not be awarded and grades for such courses will not be included in term or cumulative GPA calculations.

At least 15 full-unit or 1.25-unit courses must be upper level (numbered 250 and above). To count toward the upper level course requirement, combinations of modular courses in the same discipline must be numbered 250 or above.

#### *Majors*

Students must complete a major as defined by a department or approved program, including approved interdisciplinary majors and programs, with at least a C average (2.00). For majors in a particular discipline, this average will be computed using grades for all courses for the major and grades for all additional courses in the major discipline. For interdisciplinary majors, grades for all courses required for the major and for additional courses taken that could have been used to fulfill major requirements will be used.

Students should declare their major by the end of their sophomore year since registration for specific courses is sometimes dependent upon that declaration. Once declared, students can easily change their major.

Requirements for a major may range from a minimum of eight to a maximum of 15 full-unit or 1.25-unit courses including required cognates and prerequisites. No more than 13 courses in a single discipline (English, mathematics, computer science, French, as examples) and no more than 17 courses within a single department (Mathematics and Computer Science, as examples) may be counted in the 34 units required for graduation. For these computations, two half-unit modules in the same discipline and each 1.25-unit course will count as the equivalent of a single course. Service or activity courses are not included in the calculations. Because of state licensure requirements, students majoring in education may exceed the 15 unit maximum in the major, the 13 course limit in a single discipline, and the 17 course limit in a single department. Owing to geography, a social science, and geology, a natural science, being housed in one department, students who double major in geography and geology may exceed the 17 course limit within one department.

Completion of a major may include a capstone experience such as independent study or research, seminar participation, or creative work or performance. The appropriateness and nature of such an experience is determined by each department or program.

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# Degrees and Special Programs

## *The Bachelor of Arts Degree*

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### *Minors (Optional)*

Students may also select one or more minors in departments or programs that have defined such tracks. A minor will consist of no less than five and no more than seven courses. A student may not major and minor in the same discipline. Courses taken on a credit/no entry basis may be counted in the minor at the discretion of the department or program under which the minor is offered. Students must maintain at least a C average (2.00) in their minor program(s). For minors in a particular discipline, this average will be computed using grades for all courses required for the minor and grades for all additional courses in the minor discipline. For interdisciplinary minors, grades for all courses required for the minor and for additional courses taken that could have been used to fulfill minor requirements will be used.

### *Foreign Language Competency*

To be certified as competent in a foreign language (French, German, Ancient Greek, Italian, Latin, Russian, Spanish, Swahili, or any other currently listed in the Catalog), students may meet the requirement in one of two ways:

**A. Standardized Testing.** Distinguished performance on one of the following standardized tests of foreign language ability will result in exemption from the foreign language requirement:

1. A score of 630 or higher on a foreign language SAT-II subject test of the College Entrance Examination Board. (A score of 460 places a student in the second semester of the language.)
2. A score of 3 or above on the Advanced Placement Examination in a foreign language.

**B. Course Completion.** Students may also demonstrate competency by passing the second semester of the beginning language (111). Students who have had three or more years of a foreign language on the secondary level, including the senior year, and who wish to fulfill the competency requirement with that language normally register for 111 or above, but must take the placement test at Ohio Wesleyan to verify placement level. This test is given during new student orientation.

Students who elect language courses with numbers lower than their placement level will not receive graduation credit for those courses, although the grades will count in their semester and cumulative averages. Courses to meet the foreign language competency requirement may not be taken credit/no entry.

Students whose native language is not English are exempt from the foreign language competency requirement.

Some forms of learning disabilities prevent students from successfully completing this requirement. Students with a documented learning disability may take an alternate path to the baccalaureate degree. Students may contact the Office of Student Services or the Academic Advising Office for information concerning a foreign language requirement waiver.

### *Distribution Requirements*

To ensure that students' programs include exposure to a broad spectrum of disciplines, the University requires distributional study in the social and natural sciences, the humanities, and the arts. *A maximum of two courses in the major discipline may be applied toward the distribution requirements.* Students with more than one major may apply two courses in each major discipline toward the appropriate distribution requirements. A discipline may be served at Ohio Wesleyan by a program or department. Several departments currently include

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# Degrees and Special Programs

## *The Bachelor of Arts Degree*

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distinct disciplines. In these cases, a student *may* satisfy a group requirement within one department.

To satisfy the University distribution requirements, each student must complete up to ten courses selected from among the following groups of disciplines. Note that students majoring in certain disciplines listed at the end of this section have special requirements.

**Group I (Social Sciences).** Each student must take three units. Two courses must be in one of the following disciplines, and the third course must be in a second discipline.

Black World Studies: 126, 128, 348, 350  
Economics (ECON courses only): all courses below 490  
Geography: all courses  
History: all courses  
Journalism: all courses *except* 355, 356, 360, 361, 375, 376, 377, 378, 379, 380, 382  
Politics and Government: all courses  
Psychology: all courses *except* 210, 295, 310, 420  
Sociology/Anthropology: all courses  
Women's and Gender Studies: 260, 300.2, 300.3, 499F

**Group II (Natural Sciences).** Each student must take at least three units. Two courses must be from one discipline, and the third may be from the same or a different discipline.

Astronomy: all courses  
Botany/Microbiology: all courses  
Chemistry: all courses  
Geology: all courses below 490  
Physics: all courses  
Zoology: all courses

**Group III (Humanities Literature).** Each student must take three units. No more than two courses may be in any one of the following disciplines.

Black World Studies: 122, 224, 274, 342, 343, 368, 370  
English: all literature courses; *excluded* are 105, 254, 260, 265, 310, 312, 314, 316, 318, 319, 391, 395, 480, 482  
French: 258, 259, 350, 351, 364, 365, 371, 372, 379, 499  
German: 361, 363, and 365  
Humanities-Classics: all courses with HMCL designation, GREE 491, and LATI 225, 491  
Philosophy: all courses  
Religion: all courses *except* 390-399 and 490-499  
Spanish: 350, 351, 352, 355, 356, 361, 362, 363, 364, 365, 367, 369, 375, 377, 499  
Theatre/Dance: 341, 351, 361, 371, 381, 499  
Women's and Gender Studies: 110, 499D

**Group IV (Arts).** Each student must take one unit from among the following courses:

English: 254, 318  
Fine Arts: all courses *except* 301 and 307.  
Music: 105, 229, 347, 348  
Theatre: all courses *except* 237, 247, 337, 341, 347, 351, 361, 371, 407, 417, 427, 437, 447, 457, 467, 477, 487, 490, 491  
Dance: 115, 125, 215, 315

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## Degrees and Special Programs

*The Bachelor of Arts Degree*  
*Professional Degrees*  
*Two Bachelor's Degrees*

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**Exceptions.** Majors in fine arts (with the exception of those concentrating in art history), mathematics, computer science, music, physical education, and theatre/dance fulfill distribution requirements by selecting two units from Groups I, II, and III, and one unit from IV. Education majors in the Early Childhood Program should see page 94 for distribution requirements.

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### **The Bachelor of Fine Arts Degree**

For requirements supplemental to those on pages 41 and 42 for all Ohio Wesleyan degrees, see Fine Arts in the following chapter, *Majors and Courses of Instruction*. Students wishing to major in an additional academic area must complete the requirements for the Bachelor of Arts degree, as well.

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### **The Bachelor of Music Degree**

For requirements supplemental to those on pages 41 and 42 for all Ohio Wesleyan degrees, see Music in the following chapter, *Majors and Courses of Instruction*. Students wishing to major in an additional academic area must complete the requirements for the Bachelor of Arts degree, as well.

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### **Two Bachelor's Degrees**

Students may work toward two baccalaureate degrees, usually the Bachelor of Arts and a second degree. These students must complete at least 42 units of credit and all requirements for both degrees. The major areas of study in the two degree programs must be in different academic departments.

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# Degrees and Special Programs

## *Combined Bachelor's/Professional Degrees Other Pre-Professional Programs*

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### **Combined Bachelor's/ Professional Degrees**

The four-year baccalaureate program is the normal preparation for graduate and professional school. However, students with superior backgrounds and academic records may be permitted to plan “arts-professional” majors, combined-degree programs in which successful completion of the first year in professional school can apply toward the degree requirements at Ohio Wesleyan.

To petition for admission to a combined-degree major, the student must have at least a 3.00 cumulative grade point average. He or she must complete at least 24 units of credit at Ohio Wesleyan before entering the professional school or certificate program. The University's basic, distribution, and arts-professional major requirements must have been met. *The petition must be filed with the Registrar and will be acted upon by the Academic Status Committee.*

Students who meet all of the above requirements except the 3.00 average, and who matriculate with departmental approval in a professional school or certificate program, may petition the University faculty for special consideration. If the petition is approved, the student will be awarded the baccalaureate degree when awarded the professional diploma.

Arts-professional majors are interdepartmental and are described in the following chapter, Majors and Courses of Instruction, under Combined-Degree Programs. They are offered in the following fields:

Engineering  
Medical Technology

Optometry  
Physical Therapy

These majors are essentially 4-1, 3-2, 3-1, or 3-1½ programs. The 4-1 programs usually result in a baccalaureate degree from Ohio Wesleyan after four years, then a master's degree from the professional school after one or more years. The 3-2 programs usually result in a bachelor's degree from Ohio Wesleyan and a second degree from the professional school. The 3-1 or 3-1½ programs usually result in a bachelor's degree from Ohio Wesleyan and a second degree or certificate from the professional study.

Students who attempt arts-professional majors should read the statement before the major outline carefully, work closely with their advisors (major advisors are listed with the description), and be familiar with the admission requirements of one or more of the schools or certificate programs in which they are interested.

*No courses in an arts-professional major may be taken credit/no entry.*

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### **Other Pre-Professional Programs**

As stated above, the four-year baccalaureate program is the normal preparation for graduate or professional school. A thorough background in the liberal arts provides students with important knowledge of diverse disciplines and develops such abilities as clear, creative, and critical thought and effective oral and written expression.

To assist students whose plans include post-baccalaureate professional study in the seven fields below, Ohio Wesleyan also provides special programs with two principal components: (1) knowledgeable advisers who guide each student in constructing an appropriate course of study, in preparing for admission tests, and in applying to professional schools; and

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## Degrees and Special Programs

*Other Pre-Professional Programs*

*Other Interdepartmental Majors*

*Self-Designed Majors*

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(2) curricula composed of the courses required by professional schools or the courses that have been most helpful in the past to students going on to advanced study in the particular field.

Pre-professional programs are interdepartmental and are described in the following chapter, Majors and Courses of Instruction. They are offered in the following fields:

Art Therapy (see Fine Arts)	Public Administration (see Pre-Public Administration)
Dentistry (see Pre-Medicine)	Veterinary Medicine (see Pre-Medicine)
Law (see Pre-Law)	
Medicine (see Pre-Medicine)	
Music Therapy (see Music Education)	

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### **Other Interdepartmental Majors**

In addition to the programs listed above, Ohio Wesleyan offers students the following interdepartmental majors. They are described in the following chapter, Majors and Courses of Instruction, in appropriate alphabetical order:

Ancient Studies	Latin American Studies
Black World Studies	Medieval Studies
East Asian Studies	Neuroscience
Environmental Studies	Renaissance Studies
International Business	Urban Studies
International Studies	Women's and Gender Studies

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### **Self-Designed Majors**

Students with interests not readily accommodated within a standard departmental or interdepartmental major may create their own programs if they have a cumulative grade point average of 2.50 or better. Proposals have varied widely in nature. They may be topical (Ecology), regional (Russian or American studies), or by period (Ancient World). Sample titles of self-designed interdisciplinary majors are "Social Ecology" and "Romance Languages and Literatures: A Comparative Study."

It is expected that proposed self-designed programs will:

1. Be substantially different from but no less rigorous than existing majors; and
2. Reflect an emphasis consistent in breadth and focus with a liberal arts curriculum.

Instructions for preparing a self-designed major are available in the Academic Affairs Office (University Hall 107). Proposals normally should be filed there by April 1 of the sophomore year. Proposals from juniors will be considered only under exceptional circumstances; proposals from seniors will not be accepted.



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## Degrees and Special Programs

*The Sagan National Colloquium*  
*Cross-Cultural Experience*  
*Off-Campus Study Programs*

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### **The Sagan National Colloquium**

Involving students, alumni and faculty as well as noted speakers and artists, the Sagan National Colloquium is the public affairs series of Ohio Wesleyan University. Adopted or adapted by several other colleges and universities, each fall the Colloquium spotlights an issue of enduring concern in the liberal arts as well as in public life—issues like censorship and power, the role of the family, or gender and identity. Individually or in specially designated classes, faculty and students explore this issue from many angles, in the light of both liberal learning and of practical experience in the community, business, and public life.

Seeking to contribute to a national revitalization of civic education, the Colloquium reaffirms Ohio Wesleyan's traditional commitment to value-centered education and helps to prepare participants for an active role in the life of the community and the nation.

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### **Cross-Cultural Experience**

In the belief that intercultural awareness is an important aspect of liberal education, Ohio Wesleyan offers students a wide variety of cross-cultural opportunities both on- and off-campus. About 10 percent of the student body is international, adding a rich multicultural component to both classroom and living experiences. Regular course offerings include African, Asian, Black World, British, European (Ancient, Medieval, and Modern), Latin American, and Middle East Area Studies.

Students who wish to develop a major in a cross-cultural area should explore the programs in anthropology, Black world studies, history, international studies, modern foreign languages, and religion. Others who wish to sample these areas should examine special on-campus housing options and off-campus study or apprenticeship opportunities, and may wish to seek out elective or distribution courses that examine cross-cultural subjects.

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### **Off-Campus Study Programs**

Ohio Wesleyan provides opportunities for a wide variety of study and apprenticeship placements in off-campus locations. Foreign and domestic study opportunities ranging from one semester to a full academic year are available to upperclass students. The various programs are an integral part of the University curriculum, and are carefully selected to provide the student with both immersion in the local culture and a sound academic experience. Over 40 foreign or domestic programs have been approved by the University (see examples listed below). Other programs are available but require prior approval by the Cross Cultural Programs Subcommittee. There are also summer foreign and domestic off-campus study and apprenticeship opportunities. Maximizing the benefits of off-campus study requires careful planning early in a student's academic career.

### **Approval for Off-Campus Study**

A student must go through a three-step process to receive approval for off-campus study. **FIRST**, the student must consult with his/her academic advisor, the Director of Off-Campus Programs, and/or the program faculty representative in order to select a particular program that will fit his/her academic needs. **SECOND**, the student must apply through

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# Degrees and Special Programs

## *Off-Campus Study Programs*

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the Off-Campus Programs Office for permission to study off-campus. Applications are due by September 15 for students wishing to study off-campus in the spring semester and by February 1 for students wishing to study off-campus in the forthcoming fall semester or academic year. The University may limit the number of students who may study off-campus and where students may study. A student must have a cumulative grade point average of 2.5 or better and receive recommendations from his/ her academic advisor, other faculty, and the Dean of Students. Summer off-campus study programs require similar approval. Normally, off-campus study will be undertaken in the junior year or in the first semester of the senior year. **THIRD**, the student must apply to a particular program. This application also is obtained through the Off-Campus Programs Office. In most cases, off-campus study programs require a minimum cumulative grade point average higher than Ohio Wesleyan's 2.5 to gain admission. In addition, most programs are geared to specific academic majors and/or areas of interest (see examples following). Therefore, careful selection is imperative. No student may apply to, or receive credit from, an off-campus study program without having received prior permission from the University (see step two above). Once accepted into an off-campus program, the student will be billed for direct program costs (e.g., tuition, room and board) or Ohio Wesleyan prorated tuition, whichever is appropriate, and a small administrative fee (see Fees). Need based financial aid is applicable to certain off-campus study programs, but not to all. Details on the various programs (some of which are listed below) may be obtained from the Off-Campus Programs Office.

### Academic Credit for Off-Campus Study

Credit for approved programs will transfer if the work has been done satisfactorily (C- or better). All off-campus study grades are recorded, but do not affect a student's grade point average. To assure normal progress toward the degree, it is necessary for each student to evaluate the amount of credit that will transfer to Ohio Wesleyan and to undertake a course of study that will meet both the student's academic/intellectual interests and degree requirements. Ohio Wesleyan students who attend an off-campus program without first being approved by the University to study off-campus will not receive transfer credit from such programs.

### Foreign Programs

Ohio Wesleyan itself operates programs abroad in addition to participating in the several cooperative programs listed below, such as the GLCA approved programs.

#### *Ohio Wesleyan Programs and GLCA- approved Programs*

##### **Cork, Ireland**

Ohio Wesleyan students may study at University College Cork for either a fall or spring semester. Fall semester includes early start program on archaeology, ecology, economics, folklore, history, and literature. Both semesters offer a broad range of courses from most departments and programs at UCC. Contact Dr. Carol Neuman de Vegvar (Fine Arts).

##### **Salamanca, Spain**

Ohio Wesleyan is affiliated with the University of Salamanca in Salamanca, Spain. Qualified Ohio Wesleyan students may elect to study in this program during the fall term. Students live with Spanish families selected by the University of Salamanca. Courses taught in Spanish include Spanish language, literature, history, art and institutions provide an excellent orientation to Spanish culture and superior language skills. Spanish majors and minors as well as students of international studies and international business commonly utilize this program to fulfill their study abroad requirements. Contact Dr. Julian Arribas (Modern Foreign Languages) for further information.

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# Degrees and Special Programs

## *Off-Campus Study Programs*

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### *GLCA Approved Programs*

**The Africa Program** with English instruction and Swahili language in Kenya and with French instruction and Wolof language in Senegal. Contact Dr. Randy Quaye (Black World Studies).

**The Border Studies Program** is based in El Paso, Texas/Ciudad Juárez, Chihuahua, México. Contact Dr. Juan Armando Rojas (Modern Foreign Languages).

**The Central European Program** at Palacky University in Olomouc, Czech Republic. Contact Dr. Stephanie Merkel (Humanities-Classics).

**The China Program** at Beijing, Nanjing, or Shanghai in the PRC or at Taipei in the ROC, offering one or two semesters of study of Chinese civilization and/or language. Contact Mr. Xiaoming Chen (History).

**The Europe in Transition Program** is a Spring semester, comparative-studies, field-research program in Poland, Hungary, Czech Republic, and Germany. It explores the process of transition to a post-industrial, post-communist, European Union. Majors in politics, sociology, history, economics, humanities, arts, and other fields research their specific interests through seminars, lectures, field visits, and home-stays in these four countries.

**The Global Partners' Program** in Turkey in Ankara, Turkey. Study Turkish culture and society. Contact Dr. Kay Ebel (Geography).

**The India/Nepal Program** at Universities in Poona, Kathmandu, Varanasi, Madurai, or Waltair. Students learn Indian history, culture, religion, society, and languages—Marathi, Nepali, Hindi/Urdu, Tamil, or Telugu. Contact Dr. Blake Michael (Religion).

**The Japan Program** at Waseda University in Tokyo, offering class instruction in English (but a knowledge of Japanese is required). Students may pursue a one- or two-semester program. Contact Dr. James Peoples (Sociology/Anthropology).

**The Russian Studies Program** in Krasnodar, Russian Republic. Study Russian language, culture, history, and society. Contact Dr. Stephanie Merkel (Humanities-Classics).

### *Ohio Wesleyan Affiliated Programs*

Through special affiliation agreements and through exchange agreements, Ohio Wesleyan provides study abroad opportunities at several sites worldwide.

**Dresden, Germany** (Technical University of Dresden)

**Essen, Germany** (RWI)

**Heidelberg, Germany** (Heidelberg College)

**Paris, France** (Alma College)

**Tokyo, Japan** (Aoyama Gakuin)

**Osaka, Japan** (Kansai Gaidai)

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# Degrees and Special Programs

## *Off-Campus Study Programs*

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Ohio Wesleyan also approves for use by its students numerous other sites and programs administered by several other universities or consortia. Among those commonly utilized are American Institute for Foreign Study, Arcadia University, Associated Colleges of the Midwest, Associated Colleges of the South, Australearn, Boston University, Butler University, Council on International Education Exchange, International Partnership for Service Learning, School for Field Studies, School for International Training, Syracuse University, and others.

### *Other Opportunities*

**Language study.** In addition to the University's own program in Spain, Ohio Wesleyan offers language study programs in several locations. German majors may spend a year or a semester in Heidelberg. Language programs also are available in China (PRC), France, Germany, Hong Kong, India, Italy, Japan, Spain, and elsewhere. All of these programs assist students in developing facility with the pertinent languages. Many of these add an employable skill for later work in law, health, education, journalism, or public service, either internationally or in the ethnic areas of cosmopolitan America.

**Topical programs.** Besides language-based programs, Ohio Wesleyan provides a number of programs abroad in which little or no foreign language background is required. These programs are conducted in English, though in some cases concurrent language training is required because of the fundamental role of language in any culture. Topical themes are available in Brussels, Belgium (European economic community); Wroxton, England (Shakespeare); Geneva, Switzerland (international economics); selected European countries (women's studies); London, England (comparative politics); and Tokyo, Japan (international politics, economics, and business).

Note: Students normally are not permitted to study at another American college or university during the academic year. Certain American programs have been authorized, however, such as those that follow.

### **Domestic Programs**

**Black Colleges Exchange.** One semester exchange programs are available for study at historically important, predominantly black Spelman College or Morehouse College in Atlanta, Georgia. Contact Dr. Blake Michael (Off-Campus Programs).

### *Ohio Wesleyan Programs*

**Wesleyan in Washington.** Apprenticeship opportunities in governmental and quasi-governmental agencies in Washington, D.C. Students live in University arranged apartments, complete one academic seminar, and receive credit for three units of supervised apprenticeship experience. Contact Dr. Carl Pinkele (Politics and Government).

### *GLCA-Approved Programs*

**Arts Program in New York.** This program provides students seriously interested in dance, fine arts, music, theatre, and some communication arts an opportunity to experience the world of the established professional artist in New York City. Juniors and seniors apprentice for a semester with a recognized producing artist. In addition, participants attend meetings on the arts and experience a broad range of events in the arts. Credits awarded for this apprenticeship program will not be counted in the major for the B.A., B.F.A., or B.M. degrees. Contact Ms. Cindy Cetlin (Fine Arts).

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## Degrees and Special Programs

### *Off-Campus Study Programs*

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**Philadelphia Urban Semester.** This program provides opportunities to blend theory and experience in a professional, academic, and stimulating environment; to acquire understanding of various fields of work, and to identify and develop skills in those fields; to investigate and analyze a city as a system of human interaction; to examine and apply concepts and values of liberal arts education; and to develop intellectually, personally, socially, and responsibly in an urban environment. Contact Mr. Clifford Cook (Accounting).

**Oak Ridge Science Semester.** This is a fall semester research seminar for superior upperclass students in the biological, mathematical, and physical sciences. It is held at the Oak Ridge National Laboratory (ORNL) in Oak Ridge, Tennessee, allowing students to do research at the frontier of current knowledge. Contact Dr. John Gatz (Zoology).

**Newberry Library Program.** This program offers a thematic fall research seminar at this famous Chicago study center. The spring program provides monthly seminars of one credit each, again on changing themes. Contact Dr. Joe Musser (English).

### *Affiliated Programs*

**American University Washington Semester.** This program introduces politics and government majors to the resources and activities of the federal government. Contact Dr. Craig Ramsay (Politics and Government).

**Drew University United Nations Semester.** This program provides a full-semester, detailed investigation of the U.N.

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# Degrees and Special Programs

## *Apprenticeships and Internships* *Special Language Program*

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### **Apprenticeships and Internships**

A variety of apprenticeship (or internship) opportunities, including several of the programs above, is available to qualified students of junior or senior status. These apprenticeships may be conducted while students are either on or off campus, but students will be charged regular tuition whether they are on or off campus.

Many students elect apprenticeships requiring full-time work, for which up to three units of credit may be earned; others spread their apprenticeships over one or more semesters while taking one, two, or three regular courses. *A maximum of three apprenticeship credits* (course number 495) may be counted toward graduation; credits received for participation in any GLCA approved programs or the American University Washington Semester will be excluded from the three-unit limit. Students desiring to earn a fourth credit during the full-time apprenticeship must arrange for a concurrent independent study or directed reading, (in an academic subject) either of which may be completed upon return to campus. Some departments will allow fewer than three units of apprenticeship credit as part of the curriculum required for the major.

Ohio Wesleyan students have recently been placed in business, government, museums, laboratories, social service agencies, art studios, radio and television stations, and administrative offices on campus. In order to prepare for the work experience, students normally will take at least four pertinent background courses as prerequisite.

The apprenticeship experience is evaluated and grades are issued by the supervising faculty in the relevant department. Unless specified by the department, the method of grading may be selected by the student from among the following options: (1) normal letter grade; (2) credit/no entry; or (3) satisfactory/no entry. Only in the apprenticeship program may more than one credit/no entry unit be taken in one semester. The method of grading agreed upon by the student and the supervising department will be specified in the apprenticeship contract accompanying the apprenticeship application. For B.A. degree students, credit for departmental apprenticeship programs will be counted in the 13-course maximum allowed in the major department (see Majors above).

General information on apprenticeships is available in the Office of Career Services and in the Off-Campus Programs Office. However, students must work out details with the appropriate academic department. Applications for full-time programs (three units in one semester) must be submitted to the Off-Campus Programs Office according to the following schedule:

Summer	May 1
Fall semester	February 1
Spring semester	October 1

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### **Special Language Program**

The Special Language Program is designed to make available to students with special academic or career interests several languages on a self-study basis. A collection of CD-ROMs is maintained in the Department of Modern Foreign Languages for learning Arabic, Chinese, Modern Greek, Modern Hebrew, or Portuguese. Provided there is a native informant available, beginning classes can be scheduled for eligible students during the fall semester. Normally, only continuing classes will be offered in the spring semester.

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## Degrees and Special Programs

### *Special Language Program Summer School*

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Because emphasis is placed on oral control of the language, students should be prepared to do extensive work with the computers in the Language Learning Center on the second floor of University Hall. Grammar and vocabulary should be learned through self-study. Pronunciation should be perfected through use of the CD-ROMs, as the native informant's only duty is to drill the student until accuracy and fluency are acquired. Grades will be based on a final examination given by an examiner at another university or on tape-recorded material supplemented by a telephone conversation in the target language.

To be admitted to the program, a student must be exempted from the language requirement or have completed it by taking a 111-level course in a regularly taught language. Students may count no more than four courses in a special language toward graduation. Interested students should apply to the director of the program in the Department of Modern Foreign Languages.

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### **Summer School**

Ohio Wesleyan offers courses during one five-week session each summer beginning one week after commencement. For information on courses offered and registration, contact the Office of Academic Affairs or the Registrar's Office.

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# Majors and Courses of Instruction

## Key to Abbreviations Course Selection

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### Key to Abbreviations

ACCT	Accounting	INT	Interdisciplinary
AMRS	Ancient, Medieval, and Renaissance Studies	ITAL	Italian
ART	Fine Arts	JOUR	Journalism
ASTR	Astronomy	LATI	Latin
BOMI	Botany/Microbiology	MATH	Mathematics
BWS	Black World Studies	MUS	Music
CHEM	Chemistry	PE	Physical Education
CS	Computer Science	PG	Politics and Government
DANC	Dance	PHIL	Philosophy
ECON	Economics	PHYS	Physics
EDUC	Education	PSYC	Psychology
EMAN	Economics-Management	REL	Religion
ENG	English	RUSS	Russian
FREN	French	SOAN	Sociology/Anthropology
GEOG	Geography	SPAN	Spanish
GEOL	Geology	SWAH	Swahili
GERM	German	THEA	Theatre
GREE	Greek-Classical	UC	University Courses
HIST	History	URB	Urban Studies
HMCL	Humanities/Classics	WGS	Women's and Gender Studies
HONS	Honors Courses	ZOOL	Zoology

To aid students in long-range planning, the letters F for fall semester and S for spring semester have been placed after course descriptions. All courses carry one unit of academic credit unless otherwise indicated.

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### Course Selection

Freshmen and sophomores should enroll in courses numbered 100 through 249, but may be permitted to take courses numbered above 250 with the relevant department's permission.

Juniors and seniors should enroll in courses numbered above 250, but may be permitted to take courses numbered below 250 if (a) it is necessary for the major; (b) it is a second (third, etc.) foreign language; (c) it is an elective in the area of science or mathematics where the student does not have the prerequisites for advanced course work; or (d) there is sufficient space in the class after the registration of freshmen and sophomores.



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# Majors and Courses of Instruction

## *Accounting*

## *Ancient, Medieval, and Renaissance Studies*

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### **Accounting Major**

See the program and major requirements listed under Economics.

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### **Ancient, Medieval, and Renaissance Studies Program**

*Professors Biehl, Courtney, Kearns, Kent, Lateiner, Lewes, Neuman de Vegvar, Phillips, Prindle, Roden, Spall*

*Associate Professors Calef, DeMarco*

*Assistant Professors Arribas, Ebel, Hernández-Múzquiz, Merkel*

Ohio Wesleyan offers the B.A. degree for the interdisciplinary and interdepartmental major in Ancient, Medieval, and Renaissance Studies. AMRS introduces students to critical inquiry into the foundations of the Western past, material, and spiritual culture. Students explore literature, the arts, philosophy, religion, and history in order to understand more fully our Western heritage. The program is especially useful for those considering a career that expects a broad knowledge of Western thought and culture, ranging from public relations to museum work and post-graduate programs.

### **Majors**

Students complete the major in one of three tracks: Ancient, Medieval, or Renaissance. Each AMRS major consists of a total of twelve courses: three Foundation courses, six Core courses, and two Elective courses; and AMRS 490: Independent Study, a capstone project leading to an interdisciplinary research paper (minimum fifteen pages). The project is directed by a faculty supervisor, and overseen by a project committee consisting of the faculty supervisor and two other faculty from at least one other department. The committee will also assess the student's progress, based on papers from at least two previous courses in constituent departments. This project is ordinarily undertaken in the senior year.

Core courses not taken to satisfy the Core requirement may be taken to satisfy the Electives requirement. A maximum of four courses taken from any one department may be counted toward completion of any AMRS major. In addition to the listed Electives, Independent Studies and Directed Readings are available in appropriate departments.

### **Minors**

Students may complete a minor in one of the three tracks. The minors consist of six courses: two Foundation courses, two Core courses, and two Elective courses from the major in the same area of study. No more than two from any one department may be counted toward the completion of an AMRS minor. A student may complete either the combination of an AMRS major and an AMRS minor in a different track, or two AMRS minors, provided that no more than one course is counted toward both the major and the minor, or toward both minors.

For the AMRS majors and minors, courses in Latin and Greek (LATI/GREE) shall be counted as belonging to a separate department from other Humanities-Classics (HMCL) courses.

Participating departments include: English, fine arts, history, humanities-Classics, modern foreign languages, music, philosophy, and religion.

For information, see: Director, Prof. Arribas (Modern Foreign Languages), or one of the major advisors: Ancient Studies: Prof. Lateiner (Humanities-Classics); Medieval Studies: Prof. Neuman de Vegvar (Fine Arts); Renaissance Studies: Prof. Prindle (English).

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# Majors and Courses of Instruction

## *Ancient, Medieval, and Renaissance Studies*

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### Ancient Studies Major

#### Foundation Courses (select any three)

ART 110 Survey of Art History I  
HIST 110 Introduction to Graeco-Roman History

HMCL 122 Myth, Legend and Folklore  
or  
HMCL 222 Archaeology of Ancient Greece and Rome  
PHIL 110 Introduction to Philosophy  
REL 103 Religions of the West

#### Core Courses (select any six; required paper in one course)

ART 341 Classical Art  
GREE 110-111 Beginning Greek I and II  
HIST 340 Ancient Greek History  
HIST 341 Roman History  
HMCL 251 Women in Antiquity  
HMCL 310 Literature and Thought of Ancient Greece  
HMCL 320 Literature and Thought of Ancient Rome  
LATI 110-111 Beginning Latin I and II  
PHIL 346 History of Ancient Philosophy  
REL 316 Ancient Mediterranean Religions  
REL 326 Religions of the Roman Empire

#### Elective Courses (select any two)

ART 343 Italian Renaissance Art  
ENG 342/THEA 351 Drama from the Greeks to 1600  
GEOG 330 Geography of Western Europe and the Mediterranean  
GREE 491 Advanced Greek  
HIST 322 Asian Civilization to the 17th Century  
HIST 342 "Christians and Barbarians" in Early Medieval Europe (300-1000)  
HMCL 250 The Ancient Novel  
HMCL 330 Medieval and Renaissance Thought  
LATI 225 Continuing Latin  
LATI 491 Advanced Latin  
PG 371 Classical Issues in Political Theory  
PHIL 371 Seminar in Plato  
REL 331 History of Christian Thought

AMRS 490 Independent Study (capstone interdisciplinary project)

### Medieval Studies Major

#### Foundation Courses (select any three)

ART 110 Survey of Art History I  
ENG 176 Alternate Worlds: Legends of King Arthur  
HIST 111 Introduction to Early European History  
HMCL 122 Myth, Legend and Folklore  
REL 111 History and Literature of the Old Testament  
or  
REL 121 History and Literature of the New Testament

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# Majors and Courses of Instruction

## *Ancient, Medieval, and Renaissance Studies*

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### Core Courses (select any six; required paper in one course)

ART 342 Medieval Art  
ENG 391 Issues in English Linguistics  
or  
ENG 395 History of the English Language  
ENG 330 Medieval Literature: Heroes, Mystics and Visionaries  
HIST 342 "Christians and Barbarians" in Early Medieval Europe (300-1000)  
HIST 343 Knights, Peasants, and the Cross in the High Middle Ages (1000-1348)  
HIST 355 The Making of Britain  
HMCL 330 Medieval and Renaissance Thought  
LATI 110-111 Beginning Latin I and II  
PHIL 347 Medieval and Renaissance Philosophy  
REL 331 History of Christian Thought

### Elective Courses (select any two)

ENG 334 Chaucer and His Contemporaries  
ENG 342/THEA 351 Drama from the Greeks to 1600  
FREN 382 Romance Linguistics  
GEOG 330 Geography of Western Europe and the Mediterranean  
HIST 345/REL 332 The Reformation Era  
HMCL 320 Literature and Thought of Ancient Rome  
LATI 491J Medieval Latin  
MUS 357 Music of the Middle Ages, Renaissance and Baroque  
PG 371 Classical Issues in Political Theory  
REL 341 Islam and the Way of the Prophet  
SPAN 382 Romance Linguistics

AMRS 490 Independent Study (capstone interdisciplinary project)

## Renaissance Studies Major

### Foundation Courses (select any three)

ART 110 Survey of Art History I  
or  
ART 111 Survey of Art History II  
HIST 111 Introduction to Early European History  
HMCL 122 Myth, Legend, and Folklore  
PHIL 110 Preface to Philosophy  
REL 111 History and Literature of the Old Testament  
or  
REL 121 History and Literature of the New Testament

### Core Courses (select any six, required paper in one course)

ART 343 Italian Renaissance Art  
ENG 340 The English Renaissance: Power and Glory

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# Majors and Courses of Instruction

*Ancient, Medieval, and Renaissance Studies*  
*Astrophysics*  
*Biological Sciences*

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ENG 342/THEA 351 Drama from the Greeks to 1600  
HIST 345/REL 332 The Reformation Era  
HMCL 330 Medieval and Renaissance Thought  
HMCL 340/HIST 344 Medieval and Renaissance Florence  
LATI 110-111 Beginning Latin I and II  
PHIL 347 History of Medieval and Renaissance Philosophy

Elective Courses (select any two)

ART 342 Medieval Art  
ENG 295 History of the English Language  
ENG 336 Shakespeare: The Nature of the Human Experience  
or  
ENG 338 Shakespeare: This Great Stage  
FREN 382 Romance Linguistics  
GEOG 330 Geography of Western Europe and the Mediterranean  
GREE 491 Advanced Greek  
HMCL 320 Literature and Thought of Ancient Rome  
LATI 491 Advanced Latin  
MUS 357 Music of the Middle Ages, Renaissance and Baroque  
PG 371 Classical Issues in Political Theory  
SPAN 365 Cervantes and the Quijote (in Spanish)  
SPAN 369 Masterworks of the Golden Age of Spain  
SPAN 382 Romance Linguistics

AMRS 490 Independent Study (capstone interdisciplinary project)

By fulfilling major requirements, Ancient, Medieval, and Renaissance Studies majors can satisfy University distribution requirements in Groups I, III and IV.

## Courses

### **490. Independent Study (Staff)**

Independent Study, a capstone project leading to an interdisciplinary research paper (minimum fifteen pages). The project is directed by a faculty supervisor, and overseen by a project committee consisting of the faculty supervisor and two other faculty from at least one other department. The committee will also assess the student's progress, based on papers from at least two previous courses in constituent departments. The project is ordinarily undertaken in the senior year. Permission of faculty supervisor required.

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## **Astrophysics**

See the program and major requirements listed under Physics and Astronomy.

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## **Biological Sciences**

See the program and major requirements listed under Botany/Microbiology *or* Zoology.

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# Majors and Courses of Instruction

## *Black World Studies*

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### **Black World Studies**

*Assistant Professor Quaye*

*Continuing Part-time Assistant Professors Aniagolu, Skandor*

Black World Studies examines the integrity, continuity, diversity, and vitality of African diaspora experiences. The major is multidisciplinary in character, combining approaches from political science, literature, sociology, anthropology, history, religion, art, psychology, and economics. Students are encouraged to do field work and internships. Study abroad opportunities to Africa and the Caribbean are also available. Since a background in Black World Studies can help prepare one for careers in education, museum curatorship, social work, journalism, law, and community service/activism, majors typically combine Black World Studies with a second major or minor in departments such as politics and government, sociology, English, and education.

### **Majors and Minors**

The BWS major consists of the Introduction to Black World Studies BWS 100.1 and nine courses selected from among four groups. From Group I: Africa, at least one course. From Group II: African-American, at least two courses. From Group IV: Integrative Theory, at least two courses. The four elective courses needed to complete the major can be selected from any of the four groups, including Group III: Cross-Regional/Cross-Cultural.

The BWS minor consists of the Introduction to Black World Studies BWS 100.1 and four courses selected from at least two groups, African-American and Integrative Theory. From Group II: African-American, at least two courses. From Group IV: Integrative Theory, at least one course. The one elective course needed to complete the minor can be selected from any of the four groups.

### **Courses**

#### **100.1. Introduction to Black World Studies (Quaye)**

This course offers several perspectives in examining the Black experience in Africa, the Caribbean, and the Americas. The course is intended to serve as an introduction to the diversity and rich cultural heritage of peoples of Africa descent. Particular attention is placed on investigating discrimination, prejudice, as well as several theories of oppression. Attention is given to the social conditions of Blacks through extensive discussion of the processes that create and maintain structural inequalities in the political, economic, educational, and health institutions. In this connection, students will read both primary and interpretive texts and examine these issues in the context of a liberal arts education and black culture. Diversity Course.

#### **GROUP I: AFRICA**

(Majors must include at least one course from this group or complete an appropriate BWS course or project. Approval must be sought from the Director in advance.)

#### **122. African Traditional Religion and Western Culture (Twesigye)**

(Not offered 2004-05)

The influence of Africa on New World Black culture. A major emphasis is on religiousociological patterns growing out of traditional African religions and philosophy and the influences to be found, particularly in America, in such areas as folklore, social organization, music, language, and literature. Meets distribution requirements in Group III.

#### **300.1 Contemporary Africa in Focus: State Regimes and Democracy in Africa (Quaye)**

This course will review current scholarship on post independent state formation in Africa and address issues of governance, parliamentary democracy, constitutional changes, human rights concerns and democratic transitions in several African countries. Prerequisite: BWS 100.1 or consent of instructor. Diversity Course; Writing Course.

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# Majors and Courses of Instruction

## *Black World Studies*

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**SOAN 291. Peoples and Cultures of Africa (Howard) S.**

**GEOG 334. Cultural Geography of Africa (Fusch)**  
(Not Offered 2004-05)

**GROUP II: AFRICAN-AMERICAN**

(A minimum of two (2) courses must be selected by BWS majors and one (1) for minors).

**126. Afro-American History, 1619-1875 (Aniagolu)**

Beginning with a comprehensive analysis of the institution of slavery and its effect upon Afro-Americans, and from a Black perspective, the basic ideas, institutions, and social and political problems that greatly influenced the role of the Black man in United States history. Recommended for history students. Meets distribution requirements in Group I. F.

**128. Afro-American History, 1875-Present (Aniagolu)**

The demise of Reconstruction, the doctrine of separate-but-equal, and the policy of desegregation, as well as other phenomena in the historical struggle of Blacks for equality in America from 1875 to the present. Meets distribution requirements in Group I. S.

**200.2 Introduction to Precolonial African History (Staff)**

(Not offered 2004-05)

An introductory survey course exploring the civilizations, demography, economies, religions, societies, and politics of Africa, from antiquity to c. 1800 CE. Particular attention will be paid to the systems of interregional as well as international trade, including the indigenous and international slave trade, and its impact and implications for Africa and the world.

**224. African American Images (Ryan)**

An examination of both literature and film, focusing on the representation of African Americans, and the artistic and socio-cultural functions of those representations. Course content will vary. Possible topics include: Images of Black Women in Fiction and Film, Figures in Black, and Black Women Filmmakers. (See ENG 224.) F.

**268. Black Women's Literary Traditions (Ryan)**

(Not offered 2004-05)

Examines a variety of texts by Black women writers such as Zora Neale Hurston, Ann Petry, Gwendolyn Brooks, Lorraine Hansberry, Paule Marshall, Lucille Clifton, Toni Morrison, Audre Lorde, Ntozake Shange, Alice Walker, Gloria Naylor, and others. Explores the ways in which Black feminist critical methodologies have been important to the recovery and interpretation of Black women's texts. Possible topics include: Black Women's Literature and Spirituality, Black Women's Autobiography, and Twentieth Century Black Women Writers. (See ENG 268.)

**273. Approaches to African-American Literature (Ryan)**

(Not offered 2004-05)

Variable course focusing on a critical movement (such as The Harlem Renaissance or The Black Arts Movement) or a prominent figure (such as Richard Wright or James Baldwin) in the African American literary tradition. Possible topics include: The Harlem Renaissance, and James Baldwin: Novelist, Playwright, Essayist, Activist. (See ENG 273.)

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# Majors and Courses of Instruction

## *Black World Studies*

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### **348. Black Family (Quaye)**

In this course we will explore the realities of Black family life. In particular, we will examine the historical, political, economic, and cultural conditions that have impacted on the black family of today. The course will explore the media's construction of family by focusing on such themes as gender roles, male-female relationships, marriage, and black-white relationships. We will explore government policies on the family, including survival strategies employed by Blacks to overcome the complexities of family life.

### **350. Black Identity (Quaye)**

This course is intended to explore the realities of "Blackness" in diverse cultures in Africa, the Caribbean, and the Americas. The goal is to explore different perspectives on identity and culture by examining different levels of maturation among Blacks and the social forces that shape these identities. We will also examine the intersection between class and gender and explore the polarities of belonging to different social worlds.

### **369. Genre Studies in African American Literature (Ryan)**

Variable course focusing on a specific genre—narrative, poetry, novel, drama, essay—within African American literary tradition. The course will examine both literary and socio-political factors that have influenced the development of the specific genre. Possible topics include: Toward a Re-Definition of Slave Narrative, and Contemporary Black Drama. (See ENG 369.) F.

**MUS 347: History of Jazz (Gamso) S.**

**HIST 372: Old South and Slavery Controversy (Terzian)**

### **GROUP III: CROSS-REGIONAL/CROSS-CULTURAL**

(Elective Courses for BWS majors and minors.)

### **490. Independent Study (Staff)**

Juniors and seniors may do supervised independent study in the Black experience. A major project is required. F, S.

### **491. Directed Reading (Staff)**

Individually supervised investigations into selected subjects. Prerequisite: consent of instructor. F, S.

**FREN 255 Composition and Conversation: Topics in Francophone Culture (.50 unit). S.**

**FREN 379 Civilization of the Francophone World. S.** (Not offered 2004-05)

**HMCL 499A The Representation of Women in Literature: Women of Color. S.**

**SOAN 348 Gender in Cross-Cultural Perspective. F.** (Not offered 2004-05)

**MUS 348 Music in World Cultures.** (Not offered 2004-05)

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# Majors and Courses of Instruction

## *Black World Studies*

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### **GROUP IV: INTEGRATIVE THEORY**

(Majors must select a minimum of two (2) courses from this group, and minors must select at least one (1) course from this group.)

<b>PG 260</b>	<b>Equality and American Politics.</b> F.
<b>PG 352</b>	<b>Civil Rights and Liberties.</b> (Not offered 2004-05)
<b>REL 352</b>	<b>Radical and Liberation Theologies.</b> F. (Not offered 2004-05)
<b>REL 353</b>	<b>Christian Theology and the Challenge of Non-Western Traditions.</b>
<b>SOAN 111</b>	<b>Cultural Anthropology.</b> S, F.
<b>SOAN 347</b>	<b>Health and Illness.</b> S.
<b>SOAN 354</b>	<b>Population Problems.</b> S.
<b>SOAN 357</b>	<b>Race and Ethnicity.</b> F.
<b>SOAN 359</b>	<b>Social Inequality.</b> F.
<b>SOAN 360</b>	<b>Cultural and Social Change.</b> S.

### **Swahili Courses**

#### **110, 111. Beginning Swahili (Skandor)**

A course emphasizing oral proficiency and comprehension and developing introductory reading and writing skills. Students are guided through the process of acquisition following an oral approach that stresses classroom participation in a cooperative atmosphere. The aim is to give students threshold oral fluency in the language and the ability to read simple text.

#### **225. Continuing Swahili (Skandor)**

An intermediate course that reviews the structures of the language acquired orally and builds on these to provide students with an ability to speak and understand most language of daily life. Some aspects of the cultures of the people who speak Swahili will be presented in class through the language. Students will be exposed to samples of Swahili literature, oral and written. F.

#### **490. Independent Study (Staff)**

#### **491. Directed Readings (Staff)**



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# Majors and Courses of Instruction

## *Botany and Microbiology*

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### **Botany and Microbiology**

*Professors Goldstein, Johnson  
Assistant Professors Anderson, Wolverton  
Adjunct Professors Decker, Eshita, J. Ichida, Murray, Roberts  
Continuing Part-time Assistant Professor Tuhela-Reuning*

The Department of Botany-Microbiology offers programs to prepare botanists, ecologists, microbiologists, environmental biologists, and health professionals. Students may elect major sequences in botany, microbiology, genetics, or biology. Special opportunities include Independent Study projects using our Scanning Electron Microscope or with adjunct professors at the nearby USDA Laboratories where Ohio Wesleyan has use of the transmission electron microscope. Many of the courses listed below include regular field trips to the two University natural areas, located within 10 miles of the campus, and excursions to nearby states. Apprenticeships in clinical microbiology, plant pathology, biotechnology, and environmental education are offered on a continuing basis. Additionally, the department provides laboratory and research assistantships to majors, and presents annually the Burns-Shirling and Esther Carpenter Awards for departmental excellence.

To satisfy distribution requirements, non-majors usually elect courses from among BOMI 103, 104, 106, 110, 125, and 233.

See the Advanced Placement section of this catalog for information about advanced placement in biology.

### **Majors and Minors**

**Majors.** Choose one of the course sequences listed below, including courses in other departments as appropriate for the sequence elected. Students planning to enter graduate school will generally elect the botany sequence, the microbiology sequence, or the genetics sequence.

**Botany Major:** BOMI 110; ZOOL 115; BOMI/ZOOL 120; BOMI 125 or 328; 252; 271; 326; 344; two semesters of 499; CHEM 110 and 111; plus four additional courses from botany/microbiology, chemistry, geology, physics, and/or zoology. It is suggested that no more than three of the additional courses be from botany/microbiology. At least one course in calculus or statistics is also recommended.

**Microbiology Major:** BOMI 110; 125; BOMI/ZOOL 120; BOMI 280; 271; 328; 353; 357; two semesters of BOMI 499; BOMI/ZOOL 351; BOMI/ZOOL 356 or 361; CHEM 110 and 111; and one additional biology course. CHEM 260 and 261, PHYS 115 and 116, and MATH 110 are highly recommended.

**Genetics Sequence** (Botany and Microbiology Major): BOMI 110; ZOOL 115; BOMI/ZOOL 120; CHEM 110 and 111; ZOOL 261; BOMI/ZOOL 271 and 272; BOMI 326 or 328; ZOOL 333 or BOMI/ZOOL 356; BOMI/ZOOL 351; BOMI 353; two semesters of BOMI or ZOOL 499; plus two additional courses in BOMI, ZOOL, or CHEM. CHEM 260 and 261 are highly recommended.

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# Majors and Courses of Instruction

## *Botany and Microbiology*

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**Biology Sequence** (Botany and Microbiology Major): Core courses are BOMI 110; ZOOL 115; BOMI/ZOOL 120; CHEM 110 and 111; and either ZOOL 261 or BOMI/ZOOL 271. Beyond this core the requirements are (a) 5 additional upper-level courses in BOMI or ZOOL with at least 2 non-crosslisted courses under the 400 level in each department, and (b) 2 additional natural science courses. This sequence offers flexibility for students who desire a broad background in biology and also best serves those interested in K-12 teaching. Students seeking licensure for teaching must consult with the Department of Education as soon as possible for specific requirements. Other students who choose this sequence should consult with a BOMI or ZOOL faculty member for advice on course selection. The Biology Sequence may not be combined with any other major sequence in BOMI or ZOOL for a second major.

**Biology Minor:** Five unit courses in biological sciences with at least two units from botany/microbiology and two units from zoology. Two of the five units must be upper level (C/NE not acceptable). Not available to majors in botany, microbiology or zoology.

**Botany/Microbiology Minor:** Five unit courses in botany/microbiology at least three of which must be upper level and including BOMI 110; BOMI 125 or 280 or 328 (C/NE not acceptable). Students may minor in botany/microbiology or biology but not both.

**Note:** Courses numbered 249 and below may be taken in any order. Any courses in the department, in any sequence permitted by prerequisites, will meet the Group II distribution requirements.

### Courses

**103. Practical Botany (1.25 units; Johnson, Murray)**

Fundamental principles of plant biology in an applied context. Maintenance and propagation of house plants, woody landscaping plants, and garden perennials. Principles and practice of horticultural techniques such as vegetative propagation, tissue culture, pruning, and pest control. Origin and development of crop plants. Lecture and laboratory. No prerequisite. F, S.

**104. Field Botany (1.25 units; Murray)**

Introductory botany taught in a field setting. Students learn to read the landscape through an understanding of plant diversity and adaptations, including life history traits, found in local habitats. Students may not receive credit for both BOMI 103 and BOMI 104. Summer only.

**106. Enology (Goldstein)**

The topics covered include the chemical composition of grapes; the chemical composition of wine; yeasts and fermentation; vinification of red and white wines; storage and aging of wines; clarification stabilization and bottling of wines; winery equipment, design and operation; toxic effects of alcohol on the human body. No prerequisite. Summer only.

**110. Environmental Plant Biology (1.25 units; Anderson, Johnson, Wolverton)**

An introduction to the diversity of plants, fungi, and algae, and an overview of the basic biology of these groups. Topics include the structure of stems, roots and leaves, photosynthesis, mineral nutrition, plant growth and development, plant reproduction and life cycles, plant adaptations to the biomes of North America, and the role of plants in the world economy. Lecture and laboratory. F, S.

**120. Introduction to Cell Biology (1.25 units; Carreno, Hamill, Markwardt)**

Basic structure and function of cells and the molecular aspects of cell biology. Emphasis on: cell evolution; organic compounds, including macromolecules; enzymes; organelles;

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# Majors and Courses of Instruction

## *Botany and Microbiology*

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membranes; energy transformations; classical and molecular genetics; and development. Lecture and laboratory. Prerequisite: a strong background in high school chemistry or CHEM 110. Also listed as ZOOL 120. F, S.

### **125. Introduction to Microbiology (1.25 units; Goldstein, Tuhela-Reuning)**

Examination of the structure and function of bacteria and viruses including physiological activities, genetics, and ecological roles in the environment. Laboratory experiments in media preparation, microscopic and physiological methods of identification of bacterial cultures. Lecture and laboratory. Prerequisite: a strong background in high school biology or chemistry or CHEM 110. F.

### **200.1 Ethnobotany (1.25 units; Murray)**

Interdisciplinary, project-based study of plants used by people. Adaptations including life history traits of domesticated plants and wild food and medicinal plants from a variety of habitats will be considered. Students from backgrounds outside the biological sciences are welcome.

### **233. Ecology and the Human Future (Anderson)**

An introductory course in ecology and environmental science. Ecological principles and current environmental issues are discussed. Topics include global changes, ozone loss, pollution problems, human population growth, species and ecosystems in jeopardy, biogeochemical cycles, food webs and species interactions, invasive species, and conservation issues. This course is intended for first and second year science majors and non-science majors of any class year. Lecture. F, S.

### **252. Biodiversity of Flowering Plants (1.25 units; Johnson)**

(Alternate years. Offered 2005-06)

Diversity and evolution of the flowering plants. Study of microevolutionary phenomena, including breeding systems, chromosome pairing behavior and inheritance patterns in plant hybrids, speciation, and identification of woody plant species native to Ohio. Recognition of the major families of flowering plants, with study of macroevolutionary trends in morphology, biochemistry, and molecular features. Writing course. Prerequisite: One 100-level BOMI/ZOOL or permission of instructor. F.

### **271. Genetics (Hamill)**

A broad-based course in genetics. Topics to be covered include the principles and cellular mechanisms of inheritance, including the inheritance of human traits and diseases; the molecular nature of the gene including the regulation of gene expression; and modern genetic techniques and topics including genetic engineering, cloning, genomics, and proteomics. An optional lab (BOMI/ZOOL 272) is available. Prerequisite: BOMI/ZOOL 120. Also listed as ZOOL 271. F.

### **272. Genetics Laboratory (0.25 units; Hamill)**

Laboratory investigations in classical genetics, cytogenetics, population genetics, and molecular genetics. Concurrent or prior enrollment in BOMI/ZOOL 271. Also listed as BOMI 272. F.

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# Majors and Courses of Instruction

## *Botany and Microbiology*

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### **275. Cytogenetics (1.25 units; Johnson)**

(Not offered 2005-06)

Structure and function of the nuclear and cytoplasmic components of cells with emphasis on chromosomes. Effects of colchicine, x-irradiation, and other mutagens. Human cytogenetics, including cytology of cancer cells. Laboratory studies including mitosis in various organisms, microtechnique, photomicrography, and human leukocyte culture and karyotyping. Prerequisite: one course in BOMI or ZOOL or consent of instructor. S.

### **280. Medical Microbiology (1.25 units; Goldstein)**

(Alternate years. Offered 2005-06)

Concepts and laboratory experiences in microbiology for health sciences, including recognition of major groups of microorganisms and their distribution in the environment; pure culture techniques; morphological, physiological and serological characteristics used in identification; important human bacterial and viral diseases and current approaches to epidemiology and control; principles of infection, immunity, and chemotherapy. Lecture and laboratory. Prerequisites: one introductory course in BOMI or ZOOL (BOMI/ZOOL 120 or BOMI 125 suggested); CHEM 110, 111. S.

### **285. Biology of the Fungi (1.25 units; Johnson, Anderson, Wolverton)**

(Alternate years. Not offered 2005-06)

Introduction to the fungi and plant microbe interactions. Emphasis on morphology, physiology, and importance of fungi and fungus-like organisms; parasitic and symbiotic interactions of plants with fungi, bacteria, and viruses; isolation and laboratory manipulation of various species. Oral presentations and written reports. Lecture and laboratory. Prerequisite: one course in BOMI or ZOOL, or consent of the instructor. F.

### **300.5 Tropical Biology (Burt, Johnson)**

(Not offered 2005-06)

Tropical biology will emphasize the biodiversity and plant/animal interactions found in the tropical ecosystems of the world. Students will look at the evolutionary processes that account for the remarkable diversity of life and will compare the diversity of different tropical regions of the world. The course will be team-taught by a botanist and a zoologist who will present an integrated picture of the tropics and will stimulate discussion through their interactions during class. The course will use the neotropics as the basis for comparison to other tropical regions and will visit Costa Rica during spring break. The trip will constitute the laboratory portion and will include student projects, the progress of which will be discussed during evening gatherings in the field. Museum and greenhouse collections at Ohio Wesleyan will be used to illustrate lectures. Also listed as ZOOL 300.5. S.

### **300.6 Plant Response to Global Change (1.25 units; Anderson)**

(Alternate years. Offered 2005-06)

Students will explore plant and ecosystem responses to four major global changes: increasing atmospheric CO<sub>2</sub>, increasing nitrogen deposition, increasing temperature, and changing precipitation patterns. Local plant communities will be visited, and students will perform field and greenhouse measurements of photosynthesis, plant water and nutrient relations, and root dynamics. Readings from primary literature will be discussed, and students will design and carry out an independent research project. Lecture and laboratory. This course is intended for junior and senior science majors. Prerequisites: BOMI 110 plus one additional course in the biological sciences. S.

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# Majors and Courses of Instruction

## *Botany and Microbiology*

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### **318. Electron Microscopy: Theory and Practice (Tuhela-Reuning)**

An exploration of the physical nature of electron microscopy with emphasis on the scanning electron microscope (SEM). Students investigate the influence of electron beam parameters on imaging and how to correct imaging problems to optimize analysis. Topics covered include sample selection, sputter coating, cryo preparation, and elemental analysis by energy dispersive spectrometry (EDS). Students gain extensive, hands-on experience using the SEM. Lecture and laboratory. Additional lab time required outside of scheduled lab. Prerequisites: any two science courses that count towards a science major or permission of instructor. Also listed as GEOL 318 and ZOOL 318. F.

### **326. Plant Physiology (1.25 units; Wolverton)**

Introduction to the fundamental concepts of plant physiology, including plant cell biology, morphogenesis, plant-water relations, mineral nutrition and metabolism; plant tissue culture; molecular mechanisms of plant response to environment; plant genetic engineering. The laboratory includes techniques useful in assessing plant growth and development with emphasis on the process of scientific investigation. Lecture and laboratory. Prerequisite: one course in BOMI or ZOOL or consent of the instructor. S.

### **328. Bacterial Physiology (1.25 units; Goldstein)**

(Alternate years. Not offered 2005-06)

Structure and function of microorganisms; metabolic pathways and energy production; synthetic and regulatory mechanisms of DNA, RNA, and protein synthesis; molecular mechanisms of antibiotic therapy and microbial resistance; microbial genetic recombination; recombinant DNA technology and genetic engineering. Lecture and laboratory. Prerequisites: BOMI 120, 125, or BOMI/ZOOL 271; CHEM 110, 111. S.

### **337. Adaptive Biology of Plants (1.25 units; Johnson)**

(Alternate years. Not offered 2005-06)

Evolutionary rise of complexity in green plants: structure and life-cycles of living forms, field study, review of fossil record. Examples of adaptive morphology in plants, chosen by class members from a list of possible topics and treated in seminar format. Team research projects, involving work with primary literature, oral presentations, and written reports. Writing course. Lecture and laboratory. Prerequisite: One 100-level BOMI/ZOOL or permission of instructor. S.

### **344. Plant Communities and Ecosystems (1.25 units; Anderson)**

(Alternate years. Offered 2005-06)

Students will explore the structure and function of plant communities, with a focus on the vegetation types of Ohio. Topics include methods of vegetation sampling, major plant associations of the world, connections between plant communities and climate, soils, succession, competition, facilitation, invasive plants, primary productivity, and biogeochemical cycles. Readings from the primary literature will be discussed. Local plant communities will be visited during laboratory. Students will design and carry out an independent research project. Lecture and laboratory. This course is intended for sophomore to senior science majors. Prerequisite: BOMI 110 or BOMI 233 or consent of instructor. F.

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# Majors and Courses of Instruction

## *Botany and Microbiology*

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### **346. Aquatic and Paleoecology (1.25 units; Anderson)**

(Alternate years. Not offered 2005-06)

Basic principles of lake origin, classification; physical and chemical limnology; planktonic and benthic ecology; principles of paleoecology; studies of lake evolution; postglacial climatic and vegetational change. Weekly field trips to research areas; laboratory analysis of sediment core material. Lecture and laboratory. Prerequisites: one course in BOMI or ZOOL; CHEM 110. S.

### **351. Cell and Molecular Biology (1.25 units; Markwardt)**

Advanced cellular and molecular biology topics will be covered. These will include the structure and function of organelles, cellular energetics, the plasma membrane and cell signaling, the cytoskeleton and cell movement and the regulation of the cell cycle. Molecular aspects of eukaryotic DNA replication and repair, transcriptional regulation, protein synthesis and intracellular transport of proteins will be covered in the context of the cellular/molecular basis of human diseases, including cancer. Laboratories include a wide variety of modern cell and molecular biology techniques. Lecture and laboratory. Prerequisites: CHEM 110, 111; BOMI/ZOOL 120 and one upper level BOMI/ZOOL course. CHEM 260 and 261 are strongly recommended. Also listed as ZOOL 351. S.

### **353. Molecular Genetics (1.25 units; Goldstein)**

(Alternate years. Offered 2005-06)

Structure, function, and organization of DNA in eukaryotic cells, bacteria, and viruses; molecular mechanisms of regulation of DNA replication, RNA and protein synthesis; recombinant DNA techniques in gene cloning. Laboratory consists entirely of experiments dealing with the cloning and expression of recombinant DNA in bacterial virus and/or plasmid vectors in *E. coli*. Lecture and laboratory. Prerequisites: BOMI 120 or 125; CHEM 110, 111, BOMI/ZOOL 271. F.

### **356. Immunology (1.25 units; Markwardt)**

(Alternate years. Offered 2005-06)

Discussion of the immune response at the cellular and molecular level including discussion of structure of antibody molecules, B-lymphocytes and antibody production, cell cooperation in immune responses, antigen-antibody specificity, antigen-antibody reactions, complement, T-lymphocytes and cell mediated immunity, hypersensitivity, and immunodeficiencies. Lecture and laboratory. Prerequisite: 120. Also listed as ZOOL 356. S.

### **357. Molecular Biology of Viruses (1.25 units; Goldstein)**

(Alternate years. Not offered 2005-06)

Molecular biology of the replication strategies of bacterial, plant, and animal viruses; virus induced cytopathology and disease; viruses and cancer; interferon. Laboratory includes in vitro cell culture work with continuous lines of human epithelial and/or monkey kidney cells, vaccinia virus plaque assays, and antibody neutralization test. Lecture and laboratory. Prerequisites: BOMI 125, BOMI/ZOOL 271; or consent of instructor; CHEM 110, 111. F.

### **379. Molecular Techniques (0.5 unit; Goldstein, Wolverton)**

An advanced course in molecular biology techniques. Includes a discussion of the most common techniques along with extensive laboratory experience including PCR technology. Critical analysis of scientific articles, experimental design, and the use of the scientific method are emphasized. Also listed as ZOOL 379. Prerequisites: BOMI/ZOOL 351 or BOMI 353; permission of the instructor. S.

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# Majors and Courses of Instruction

## *Botany and Microbiology*

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### **490. Independent Study (Staff)**

An opportunity to pursue independent research in selected botanical or microbiological fields. Prerequisite: approval of instructor, and generally a major in the department. May be repeated. F, S.

### **491. Directed Readings (Staff)**

### **495. Apprenticeship (Staff)**

### **499. Seminar in Current Research (0.50 unit; Staff)**

Review of literature and current research in various botanical and microbiological fields; topic changes from semester to semester. At least two semesters required of all majors. Prerequisites: two BOMI courses and consent of department. F, S.

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# Majors and Courses of Instruction

## *Chemistry*

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### Chemistry

*Professors Lance, Vogt*  
*Associate Professor Lever*  
*Assistant Professors Brugh, Grunkemeyer, Hervert*

The department offers the four majors described below to help students understand their world at the molecular level and to prepare for careers in chemistry and the allied health sciences. Students interested in the health professions should also consult the Pre-medicine/dentistry section of this Catalog. Pre-medical technology students should also consult the Combined-Degree Programs section. Students interested in molecular-science-based areas, such as environmental studies, geochemistry, molecular biophysics, or pharmacology, are encouraged to gain a solid foundation in chemistry.

All courses for the major or minor, including cognates, must bear a letter grade; none will be accepted credit/no entry. Also, chemistry courses taken during summer school at any college or university will not count toward a minor or major in the Department.

### Majors and Minor

**Basic Chemistry Major.** This major prepares students to enter various positions in the chemical industry, to enter into some graduate programs of chemistry or of an interdisciplinary nature, and to teach high school chemistry (see the education section for additional requirements).

These courses are required: CHEM 110, 111, 260, 261, 270, 350, 352; two full-unit equivalents from CHEM 340, 341, 351, 460, 470, 480, 490, 491; MATH 110, 111; and PHYS 110, 111 (preferably) or PHYS 115, 116.

**Basic Biochemistry Major.** This major provides greater depth in the biochemical aspects of chemistry and prepares students to enter graduate programs in chemistry, biochemistry, and molecular biology, or to enter chemical industry.

These courses are required: CHEM 110, 111, 260, 261, 270, 340, 341, 350, 352; one full-unit equivalent of biochemistry-related offerings from CHEM 480, 490, 491 or, (with approval of the Chemistry Department) BOMI 490, ZOOL 490; MATH 110, 111; PHYS 110, 111 (preferably) or PHYS 115, 116; BOMI/ZOOL 120; one course from BOMI/ZOOL 271, 351, 356, BOMI 280, 326, 328, 353, 357, ZOOL 333.

**ACS Certified Chemistry Major.** This major meets the recommendations of the American Chemical Society Committee on Professional Training. Students completing the major will be certified by the American Chemical Society. ACS certified majors are particularly attractive to industry. With the more extensive curricular development of this major, students are also better prepared for graduate study in chemistry and biochemistry and for industrial research. This major is strongly recommended for students pursuing a career in chemistry.

These courses are required: CHEM 110, 111, 260, 261, 270, 340, 350, 351, 352, 460, 470, 490; MATH 110, 111, and either 210, 270, or 280; PHYS 110, 111.

**ACS Certified Biochemistry Major.** This major meets the recommendations of the American Chemical Society Committee on Professional Training. Students completing the major will be certified by the American Chemical Society. ACS certified majors are particularly attractive to industry. With the more extensive curricular development of this major, students are also better prepared for graduated study in chemistry and biochemistry and for industrial research. This major is strongly recommended for students pursuing a career in biochemistry.



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# Majors and Courses of Instruction

## *Chemistry*

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These courses are required: CHEM 110, 111, 260, 261, 270, 340, 341, 350, 351, 352, 460, 470, 490; one full-unit equivalent of biochemistry-related offerings from CHEM 480, 490, 491 or (with approval of the chemistry department) BOMI 490, ZOOL 490; MATH 110, 111, 210; PHYS 110, 111; BOMI/ZOOL 120; one course from BOMI/ZOOL 271, 351, 356, BOMI 280, 326, 328, 353, 357, ZOOL 333.

**Recommendations.** Students electing to do the Basic Major are encouraged to increase their curricular development by taking additional science courses, particularly if they wish to pursue graduate work in chemistry. In selecting those courses students should consult with their academic advisers.

When possible, chemistry majors are encouraged to complete courses such as 340 and 351 by the end of their junior years. This schedule will maximize the value of research experiences available both within and outside of the department.

Students interested in graduate study in chemistry should demonstrate their mastery of the discipline by taking the chemistry (subject) test of the Graduate Record Examination by December of the senior year.

**Secondary Education Licensure:**

Students interested in teaching high school chemistry are required to meet chemistry licensure requirements. The specific requirements are available from the education department.

**Minor:** 110, 111, 260, 261, and one of 270, 340, or 350.

### Courses

**105. The World of Chemistry (Staff)**

(Not Offered 2006-2007)

Designed to provide nonscience majors with a basic understanding of chemistry and how this knowledge can be useful and important in their daily lives. No laboratory. F. May not be taken for credit after successful completion of CHEM 110.

**110. General Chemistry I (1.25 units; Staff)**

A comprehensive survey of the principles of chemistry, including such topics as atomic and molecular structure, chemical bonding, stoichiometry, chemical reactions, thermochemistry, states of matter, solutions, and colligative properties. The laboratory experiments are designed to illustrate and reinforce the topics covered in lecture. F.

**111. General Chemistry II (1.25 units; Staff)**

A continuation of survey of the principles of chemistry, including such topics as various equilibrium systems, kinetics, main group elements, transition metals and coordination chemistry, thermodynamics, electrochemistry, and nuclear processes. The laboratory experiments are designed to illustrate and reinforce the topics covered in lecture.

Prerequisite: 110. S.

**230. Environmental Chemistry (Staff)**

(Not offered 2007-08)

The course focuses on the connection between chemistry and society. Environmental issues such as pollution, ozone-depletion, and the Greenhouse Effect will be examined with respect to the chemistry involved and their effect on society. In addition, the role of current public policy in addressing environmental degradation will be addressed. S (except F in 2006-07).

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# Majors and Courses of Instruction

## *Chemistry*

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### **260. Organic Chemistry I (1.25 units; Lever/Hervert)**

A study of the relationship between the structures of organic molecules and their physical and chemical properties. An emphasis is placed upon the understanding of reaction mechanisms, the identification of compounds by spectroscopic techniques, and the use of reactions to prepare desired compounds. The laboratory includes compound preparations and purifications, the study of reaction mechanisms, and molecular modeling.

Prerequisite: 111. F.

### **261. Organic Chemistry II (1.25 units; Hervert/Lever)**

Continuation, with special projects. Prerequisite: 260. S.

### **270. Analytical Chemistry (1.25 units; Grunkemeyer)**

Introduction to the fundamental principles and methodology of chemical analysis. Topics include statistics, chemical equilibrium, electrochemistry, and an introduction to instrumental analysis. Specific instrumental techniques that will be addressed include optical spectroscopy and chromatography. Laboratory focuses on experimental techniques for quantitative measurements and careful evaluation of data. Prerequisites: 111, MATH 110. Recommended: 260. F (except S 2005-2006).

### **340. Biochemistry I (1.25 units; Vogt)**

A study of the structure and function of major classes of biomolecules including peptides, proteins, enzymes, coenzymes, carbohydrates, lipids, nucleotides, and nucleic acids. Membranes and the storage and transmission of genetic information are also examined. In addition, current biochemical techniques and their applications are examined. The laboratory provides experience with current biochemical procedures. Prerequisite: 261. Accelerated summer organic chemistry courses will not be accepted as a substitute for the CHEM 261 prerequisite for this course. F.

### **341. Biochemistry II (1.00 units; Vogt)**

(Not offered 2007-08)

A continuation of Biochemistry I, the principles of which are used in an examination of membrane transport, signal transduction, bioenergetics, and intermediary metabolism. Prerequisite: 340. S.

### **350. Physical Chemistry I (1.00 units; Brugh)**

This course is an introduction to quantum mechanics and its application to understanding chemical systems. Topics include a survey of the historical development of quantum mechanics, the postulates of quantum mechanics, atomic and molecular structure, and spectroscopy. Mathematical model building for the purpose of understanding the structure of the chemical universe and the results of chemical experiments is emphasized throughout. Chemical modeling software is used and discussed. Prerequisites: 261, MATH 111, PHYS 111 (preferably) or PHYS 116. F.

### **351. Physical Chemistry II (1.00 units; Brugh)**

This course provides a more thorough treatment of kinetic gas theory, chemical thermodynamics, and kinetics than was afforded in introductory courses. These topics are developed from a molecular point of view. Statistical mechanics and dynamics will be introduced as time allows. Prerequisite: 350. S.

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# Majors and Courses of Instruction

## *Chemistry Classics*

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### **352. Physical Chemistry Laboratory (0.25 units; Brugh)**

This laboratory provides hands-on experience with the methods and practices of modern physical chemists. Students will learn practical measurement techniques, methods of analysis, and ways to interpret the results of chemical experiments in terms of the relevant fundamental molecular and atomic properties and interactions. Prerequisite: 350. S.

### **460. Instrumental Analysis (1.25 units; Grunkemeyer)**

(Alternate years. Offered 2006-07)

Theoretical concepts and practical applications of chemical instrumentation. The course will focus on the design of chemical instrumentation and the information that can be obtained from the resulting data. Topics include optical spectroscopy, mass spectroscopy, NMR, electrochemistry, and chromatography. Laboratory work focuses on gaining the skills required to solve chemical problems using instrumental techniques. Prerequisite: 350 or consent of instructor. S (except F 2005-06).

### **470. Advanced Inorganic Chemistry (1.25 units; Lance)**

(Alternate years. Offered 2005-06)

Survey of the chemistry of the elements with emphasis on structure, chemical bonding, and reactivity. Aspects of synthesis and characterization are dealt with both in lecture and laboratory. Prerequisite: 350 or consent of instructor. S.

### **480. Advanced Topics in Chemistry (0.50 units; Staff)**

An exploration of an area of chemistry developed beyond the introductory level. Topics will vary from semester to semester depending upon which professors are teaching the course that semester. Prerequisite: consent of instructor. F, S.

### **490. Independent Study (Staff)**

Investigation of an original research problem, including laboratory work, literature searches, and written reports. Prerequisite: consent of instructor prior to preregistration. F,S.

### **491. Directed Readings (Staff)**

Individually supervised surveys of selected chemical topics. Prerequisite: consent of instructor prior to preregistration. F, S.

### **495. Internship (Staff)**

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## **Classics Major**

See the program and major requirements listed under Humanities-Classics.

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# Majors and Courses of Instruction

## *Combined Degree Programs*

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### **Combined-Degree Programs**

#### **Pre-Engineering (3-2 Program)**

For the general requirements for Combined Bachelor's and Professional Degree Programs, see the section so entitled in the previous chapter of this *Catalog*.

A student who meets all University graduation requirements including the completion of at least 24 courses (each a full-unit course, a 1.25-unit course, or two modular 0.50-unit courses in the same department) and maintains at least a 3.00 cumulative grade point average overall and in the major during residence on campus may transfer to an engineering school at the end of his or her junior year for two more years of study. Upon certification of successful completion of the program at the engineering school, he or she will receive the B.A. degree from Ohio Wesleyan and a bachelor of engineering degree from the engineering school. Ohio Wesleyan has cooperative arrangements with the following engineering schools: California Institute of Technology (admission to the California Institute of Technology is not automatic for those qualified but will be determined by that institution), Case Western Reserve University, Polytechnic Institute of New York, Rensselaer Polytechnic Institute, Washington University (St. Louis), and the New York State College of Ceramics at Alfred University. Not all engineering fields are available at all cooperating engineering schools. In addition, qualified students are able to transfer to engineering schools with which Ohio Wesleyan has no formal preengineering agreements, such as The Ohio State University and Georgia Institute of Technology. Students are individually counseled in course selection suitable for the engineering field of interest. A three-year residency in a liberal arts program in the United States is required prior to entering the engineering school.

(3-2 Program)

The 3-2 program options and their requirements are listed below. In addition, see the descriptions under the departmental entries. None of the required courses may be taken credit/no entry.

#### *Biomedical Engineering*

*Advisors — Dr. Goldstein, Botany and Microbiology; Dr. Markwardt, Zoology*

Thirteen courses are required: CHEM 110, 111, and 260; MATH 110, 111, 210, and 280; PHYS 110, 111, 275 or 280; BOMI/ZOOL 120; ZOOL 325; one from among CHEM 261, BOMI/ZOOL 271, BOMI/ZOOL 351. CS 110 is recommended.

SPECIAL NOTE: PHYS 275 is preferred by Washington University while PHYS 280 is preferred by Case Western Reserve University.

#### *Chemical, Ceramic, Environmental Engineering*

*Advisor — Chair, Chemistry*

Thirteen courses are required: CHEM 110, 111, 260, 261, 270, 350, 351, 460; MATH 110, 111, 210; PHYS 110, 111. In consultation with the program advisor, and dependent upon the needs and background of the student, additional courses in mathematics and physical sciences may be elected. Also, MATH 280 is recommended.

#### *Computer, Electrical Engineering*

*Advisors — Dr. Nunemacher, Dr. Zaring, Mathematics and Computer Science*

Sixteen courses are required: CS 110, 210, 255, and 270; CS 360 or 380; one additional course from CS 320, 340, 350, 355, 360, 370, 380, or 410; MATH 110, 111, 210, 250, and 280; PHYS 110 and 111; PHYS 275 or 375 (with 375 recommended); CHEM 110 and 111. In addition, successful completion of a major in an engineering discipline different from computer science (with computer *engineering* being considered a discipline different from computer science) at the engineering school is also a requirement for the B.A. in Computer Science 3-2 Option.

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# Majors and Courses of Instruction

## Combined Degree Programs

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*Aeronautical,  
Ceramic, Civil,  
Computer, Electrical,  
Electronic,  
Environmental,  
Industrial, Materials,  
Mechanical, Nuclear  
Engineering*

*Advisors — Dr. Andereck, Dr. Harmon, Dr. Kaye, Dr. Trees, Physics and Astronomy*  
Thirteen courses are required: PHYS 110, 111, 275, 280, 310 or 320, 345 or 375, and one from among 330, 340, 350, 360, 380, 420 or 480; CHEM 110, 111, MATH 110, 111, 210, 280. Recommended: CS 110, MATH 330, 380. Successful completion of all course work at the engineering school is also a requirement for the B.A. in physics from Ohio Wesleyan for this option.

*Interdisciplinary and  
Applied Science*

*Advisor — Dr. Andereck, Physics and Astronomy*  
Well-prepared students in the physical sciences may have the opportunity to extend their studies to interdisciplinary and applied areas by completing two years of study at a cooperating school (e.g., California Institute of Technology) after three years at Ohio Wesleyan. Areas might include applied physics, geochemistry, geophysics, planetary science, and others. The program of courses to be taken at Ohio Wesleyan will be decided after consultation with appropriate faculty members and the registrar.

*Pre-Medical  
Technology*

*Advisor — Dr. Goldstein, Botany and Microbiology*  
The medical technology sequence is a 3-1 program in which the student completes three years of study at Ohio Wesleyan and then one year of internship at an American Medical Association (AMA) approved program. Upon successful completion of the internship, the student will receive a B.A. degree from Ohio Wesleyan. Students who decide to complete four years at Ohio Wesleyan must select and complete a major.

Ten courses are required: BOMI 125, 280; CHEM 110, 111, 260, 261; MATH 105 or PSYC 210; and three from among BOMI 285, BOMI/ZOOL 356; BOMI/ZOOL 271; BOMI 357; ZOOL 251; ZOOL 331, 333, BOMI/ZOOL 351, 361.

In the choosing of the final three courses from the list above, BOMI/ZOOL 271 is strongly recommended. Also recommended but not required are PHYS 115, 116 and CHEM 270.

*Pre-Optometry*

*Advisor — Dr. Robbins, Psychology*  
The pre-optometry major is designed for those students who, after completion of their junior year, are admitted to a college of optometry. The Ohio Wesleyan degree is granted after successful completion of the second year in the professional program. Students who seek entrance to an optometry school after four years at Ohio Wesleyan should meet the requirements for any of the established departmental majors or interdisciplinary major developed in consultation with the pre-optometry advisor and approved by the Academic Policy Committee. The courses listed below for the pre-optometry major are those courses most frequently required for admission to optometry schools. Admission requirements do vary and students are encouraged to meet with the pre-optometry advisor regarding specific entrance requirements of the different optometry schools.

Twelve courses are required to complete the pre-optometry major: BOMI 125; CHEM 110, 111, 260; MATH 105 or PSYC 210; MATH 110; PHYS 115, 116; PSYC 110;

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# Majors and Courses of Instruction

## *Combined Degree Programs*

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### *Pre-Physical Therapy*

PSYC 343 or 346; ZOOL 120; and one course from among the following: ZOOL 271, 325, 331, or 351. Recommended electives include BOMI 280; CHEM 261, 340; MATH 111; PSYC 310, 374, and any additional courses from those listed above.

*Advisor — Dr. Dolgin, Psychology*

The pre-physical therapy sequence includes those courses typically required for admission after the completion of the junior year to master's or doctoral programs in physical therapy, as well as correlative courses to provide the student with additional background in the natural and social sciences.

Some schools of physical therapy currently offer admission to their master's programs to college juniors. However, many others admit college graduates. Students who seek entrance to a master's or doctoral degree program after four years at Ohio Wesleyan should meet the requirements for any of the established departmental majors, or meet the requirements of an interdisciplinary major developed in consultation with the pre-physical therapy advisor, using the sequence below only as a guideline for courses typically required for admission to certificate programs. The sequence listed below does not constitute a four-year major.

Students interested in physical therapy should consult with the pre-physical therapy advisor early in their college careers for information on the alternative ways to become a physical therapist and for the entrance requirements of specific professional schools. Students also must have recent experience in observing, or preferably assisting, a registered physical therapist.

Thirteen courses are required to complete the sequence: BOMI/ZOOL 271 or BOMI 280; CHEM 110, 111; MATH 105 or 230 or PSYC 210; MATH 103, 108 or 110 or CS 102; PHYS 115, 116; PSYC 110; two courses from among PSYC 322, 333, and SOAN 110; BOMI/ZOOL 120; ZOOL 325 and 331. Recommended courses include: PE 345 and 365, PSYC 336, 343 and 348, SOAN 347, and PSYC 495 (apprenticeship in physical therapy).

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## Majors and Courses of Instruction

*Computer Science*

*Dance Theatre*

*Earth Science*

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### **Computer Science Major**

See the program and major requirements listed under Mathematics and Computer Science.

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### **Dance Theatre Major**

See the program and major requirements listed under Theatre and Dance.

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### **Earth Science Major**

See the program and major requirements listed under Geology.

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# Majors and Courses of Instruction

## *East Asian Studies*

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### **East Asian Studies**

East Asian Studies is an interdisciplinary program offering the student an opportunity to draw on the resources of various OWU departments and off-campus programs in East Asia, including China, Korea, and Japan. The purpose of the East Asian Studies Program is to provide students with a broad background in East Asia from the perspective of at least three academic disciplines and a specialization in a specific East Asian country. Students interested in pursuing a major or minor in East Asian Studies should contact the director of the program by the middle of the second year at OWU. East Asian Studies Advisory Committee members: John Boos (Economics), Xiaoming Chen (History), Joy He (Library), Xudong Jin (Library), Donald Lenfest (Modern Foreign Languages), R. Blake Michael (Religion), James Peoples, EAS Program Director (Sociology/Anthropology).

### **Major**

#### **Minimum of 10 courses plus language courses.**

The East Asian Studies major requires a second major of the student's choice and a concentration in a selected country. It also requires:

**Study abroad:** Participation in an approved study abroad program in East Asia (semester/year abroad or summer program). Programs not listed in the OWU Catalog must be approved in advance by the EAS Committee.

**Language requirement:** Minimum of four semesters of college language study in a language appropriate to the country chosen for study abroad. Offerings at Ohio Wesleyan in East Asian languages are presently limited to four semesters of Japanese and study of Chinese under the special language program.

#### **Required courses:**

- SOAN 111 plus one history and one religion course from Category I.
- Seven additional elective courses: Courses may be taken from Category I or II; independent study or directed readings courses related to East Asia; or courses taken during study abroad. These courses must be upper-division courses.
- Senior Theses: A research paper written as an independent study project or as an extension of a course requirement. The thesis, generally about 30 pages, must focus on the selected country and be approved by the EAS Committee.
- Six courses in the major must deal substantially with the selected country.

### **Minor**

#### **Minimum of five courses plus language courses.**

The East Asian Studies minor requires:

**Language requirement:** Minimum of four semesters of college language study in an East Asian language.

#### **Required courses:**

- Two courses from Category I below.
- Elective courses: Three additional courses from Category I or II or an independent study or directed readings course related to East Asia.
- Study abroad is encouraged, but not required.



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# Majors and Courses of Instruction

## *East Asian Studies*

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### **Courses in East Asian Studies**

Category I: Courses focusing primarily on East Asia  
ART 348, ECON 300.4, HIST 116, HIST 322, HIST 323, HIST 324, HIST 325, REL 104, REL 346, SOAN 293. Additional courses dealing with East Asia are offered on an occasional basis. Contact the EAS Program Director for information about these courses.

Category II: Courses including East Asian content  
ECON 353, ECON 372, HMCL 499A, MUS 348, PG 349, PG 360, PG 362, REL 341, REL 344, SOAN 360, SOAN 363, SOAN 367

NOTE: Students applying courses from Category II to the East Asian Studies Program are required to complete a research paper or other project dealing with East Asia. Approval must be granted from the instructor and the East Asian Studies Program. Contact the EAS Program Director for approval.

### **Study Abroad Programs**

Ohio Wesleyan students may participate in study abroad programs through OWU exchange agreements with Asian universities or through programs approved by the Great Lakes Colleges Association. At this point there are four programs in China and three in Japan. In addition, OWU students have the option of enrolling in various other non-GLCA-approved programs. Refer to the *OWU Catalog* for a description of off-campus study programs and speak with the off-campus program coordinator for more information.

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# Majors and Courses of Instruction

## *Economics*

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### **Economics (Including Management and Accounting)**

*Professors Boos, Cook, Gharrity, Gitter, Harvey, Simon  
Associate Professor MacLeod  
Assistant Professors Rahman, Yazar  
Part-time Assistant Professor: Reulbach*

The economics department offers majors in economics, economics with management concentration, and accounting. A major in international business is available in conjunction with other departments. Minors are provided in three areas: economics, management, and accounting.

**Economics:** The economics major emphasizes theory and its applications, along with the institutional makeup of the economy.

**Economics with Management:** This major combines coverage of basic economic theory and its application with management courses.

**Accounting:** The accounting major covers all basic areas of both financial and managerial accounting, along with tax and business law. This major prepares a student for many careers in business and accounting, or for graduate study. Students planning to take the CPA exam in Ohio and most other states will be required to have 150 hours of education with at least a baccalaureate degree in accounting. This requires additional education beyond the bachelor's degree.

**International Business:** (Refer to International Business in this catalog). This is an interdepartmental program designed to assist students in preparing for careers abroad or where knowledge of other cultures and languages is useful. Students may not major in international business and accounting, economics, nor economics with management. Students who already have knowledge of several areas of the world should major in economics with management if they are interested in this mix of courses.

All four areas of study may include apprenticeship programs that allow students to apply their knowledge in off-campus work. The international business major includes a semester abroad as part of its program. For students whose area of study is North America, this requirement is satisfied by their study in the United States.

### **Program Requirements**

Majors should be declared during the sophomore year. In order to declare one of the four majors or three minors, a student must have either a) a 2.5 cumulative University grade point average, or b) a 2.0 cumulative University grade point average and have earned a B in one course taken in the intended major or minor track.

A student may not have a double major within the department. Some major/minor combinations are permitted, but a minor in management or economics may not be combined with a major in either economics with management concentration or international business.

For all majors, it is recommended that the statistics course, MATH 105 or 230 or PSYC 210, be completed by the end of the sophomore year. MATH 105 may not be taken after receiving credit for MATH 110 or above.

Students may use a proficiency examination or an advanced placement examination to meet the requirements of ECON 110. The proficiency examination for ECON 110 will be given during orientation. Advanced Placement Rules are listed on page 14.

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# Majors and Courses of Instruction

## Economics

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Students considering a second economics course, should consider courses numbered in the 200s.

For all three majors and minors in the department, only MATH 105 or 230, PSYC 210, and ECON, EMAN or ACCT courses can be used to meet major requirements. Students must maintain a 2.0 grade point average in their major. Courses in the major or minor cannot be taken credit/no entry.

A maximum of 13 units of credit in any one discipline (economics, economics management or accounting) and 17 total units of credit in the economics department may be counted in the 34 units required for graduation.

Students who transfer courses to the Ohio Wesleyan University should consult with the department chair regarding the appropriate credit to be awarded. If several courses are transferred at less than 1.0 credit, additional courses may be required. For all majors and minors in the department, a majority of the courses must be completed here.

All economics courses (ECON) below the 490 level meet the Social Science distributions requirement (Group I).

### Majors

**Economics Major:** A total of 11 units consisting of the following:

Required Courses: 6 units

ECON 110, 251, 252, 255 or 259, 499 and MATH 105 or 230 or PSYC 210. It is recommended that the statistics course be completed by the end of the sophomore year, as it is a prerequisite for ECON 251 and 252.

Elective Courses: 5 Economics (ECON) units. Of these five additional units, at least one must come from Group I and one from Group II, with the remaining units coming from any other ECON course.

Group I – Advanced Courses

ECON 372, 375, 378, 385, or 387.

Group II – International Courses

ECON 300.4, 353, 370, or 372.

(NOTE: If both ECON 255 and 259 are taken, one will serve as the required course, and the other may be used as one of the electives.)

A maximum of two units from ECON 490A, 490B, 491 and 495 may count toward the major. Only one unit of ECON 495 can be counted and EMAN 495 does not count toward the economics major.

**Recommended:** Substantial work in mathematics is required if considering graduate work in economics.

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# Majors and Courses of Instruction

## *Economics*

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**Economics with Management Concentration Major:** A total of 14 units consisting of the following.

Required Courses: 9 units

ECON 110, 251, 252, 255 or 259, ACCT 217, EMAN 210, EMAN 361, ECON 499 or EMAN 499, and MATH 105 or 230 or PSYC 210. It is recommended that the statistics course be completed by the end of the sophomore year, as it is a prerequisite for ECON 251 and 252.

Elective Courses: 5 units

**Management Elective courses:** 2 units of management courses from ACCT 341, 349, ECON 375, EMAN 300.4, 300.6, 320, 325, 340, 363, 365, 369, 376, 461, 490, 491, 495 or 499.

**Economics Elective courses:** 3 Economics (ECON) units. Of these three additional units, at least one must be an advanced course with the remaining units from any other ECON course.

(NOTE: If both ECON 255 and 259 are taken, one will serve as the required course, and the other may be used as one of the electives.)

**Advanced Courses**

ECON 372, 375, 378, 385, or 387.

**International Elective**

International Courses – One of the five elective courses must have an international emphasis.

ECON 300.4, 353, 370, or 372; EMAN 300.4, 376.

Students must take ECON 499 or EMAN 499. If students take more than one, the second seminar can be used to meet an elective requirement.

A maximum of two units from ECON or EMAN 490A, 490B, 491 and 495 may count toward the economics with management major. Only one unit of EMAN 495 may be counted.

Recommended: English 310 and MATH 110 for those considering graduate work in management.

**Accounting Major:** A total of 12 units consisting of the following:

Required Courses

ACCT 217, 341, 342, 343, 348, 349, 350, 351, 352, 353, 471 (half unit), 472 (half unit); and EMAN 361.

Recommended: English 310, ACCT 349, ECON 110, EMAN 325, 363, 369, and 461, and MATH 105.

**International Business Major:** Requirements are outlined separately in this catalog under the title International Business.

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# Majors and Courses of Instruction

## *Economics*

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### Minors

**Economics Minor:** A total of 7 units consisting of 110, 251, 252, 255 or 259, two other ECON courses, and MATH 105, 230, or PSYC 210.

**Management Minor:** A total of 6 units consisting of ECON 110, ACCT 217, EMAN 210, EMAN 361; and two management electives from among ACCT 341, 349, EMAN 300.4, 300.6, 320, 325, 340, 363, 365, 369, 376, 461, 490, 491, 495, 499 or ECON 375. If this minor is combined with the accounting major, neither ACCT 341 nor 349 may be chosen as an elective course.

**Accounting Minor:** A total of 5 units consisting of ACCT 217, 341, 342, 343 and 350 or 352. If ACCT 341 is chosen as an elective for the economics with management major or management minor then one additional accounting course is required for completion of this minor.

### Economics Courses (ECON)

**110. Principles of Economics (Gitter, Rahman, Simon, Yazar)**

Principles underlying the operation of capitalist economies, and of the U.S. economy in particular. Emphasis is on consumption and production decisions at the micro level and on economic stability, efficiency, and growth at the macro level. F, S.

**251. Research Methods in Economics (Staff)**

(Starting Fall 2005)

This course deals with research methods in economics and management with some additional applications in accounting. The course focuses on the empirical use of statistical methods, primarily regression analysis, as well as data issues and an introduction to survey research. Prerequisite: ECON 110, MATH 105 or 230, or PSYC 210. F, S.

**252. Intermediate Microeconomics (Rahman, Yazar)**

Topics to be covered include the decision-making processes of consumers and firms, the competitive markets model, market power, and missing markets. Emphasis will be given to applications of the theoretical tools learned. Some use of algebraic and game theoretic tools. Prerequisites: ECON 110 and MATH 105 or 230 or PSYC 210. F, S.

**255. Monetary and Fiscal Economics (Simon)**

The Federal Reserve System and how it affects the money supply, prices, and interest rates. Commercial banking, portfolio management, and the interaction of credit markets with other financial intermediaries and the economy. A comparison of neoclassical and Keynesian approaches to achieving macroeconomic goals via monetary and fiscal policies. Prerequisite: ECON 110. F.

**259. National Income and Business Cycles (Larson)**

A macroeconomics course covering theories explaining economic growth and business cycle fluctuations. Also, macroeconomic policy debates in an open economy environment are analyzed. A forecasting assignment is included. Prerequisite: ECON 110. S.

**277. Labor Economics (Gitter)**

The many aspects of labor as a factor of production in the economy, focusing in both the theoretical and empirical aspects of labor economics and the policy implications that follow. Among the topics considered are the demand for labor, the supply of labor (labor force participation and hours worked), the determinants of wage rates, unions, and unemployment. Prerequisite: ECON 110. F.

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# Majors and Courses of Instruction

## *Economics*

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### **300.4 The Economic Growth of Modern Japan (MacLeod, Rahman)**

(Not offered 2005-06)

A comparative study of economic policies and business management practices. This course will trace the economic development of Japan, especially since World War II, and attempt to explain it. Among the variety of causes of economic growth covered, emphasis will be put on the macroeconomic and microeconomic policies of the government, the general institutional structure of the Japanese economy, the structure and behavior of Japanese firms, and Japanese management practices. Throughout the course, comparisons will be made with other countries, particularly the United States and the European Union countries. May be taken for either ECON or EMAN credit, but not both. See EMAN 300.4.

### **300.6 The Internet: Economic Choices and Business Strategies (Boos, Simon)**

(Not offered 2005-06)

This seminar will focus on economic factors influencing consumers to use the Internet and the business strategies employed by firms in this new Internet Era. More specifically, from a management perspective, the seminar will include examining the structure of the Internet economy, the major participants, their strategies, current trends and future projects. From an economics perspective the seminar will include examining consumer privacy issues, consumer access issues and unequal distribution of use, as well as economic theory of information search and use of the Internet. Prerequisites: ECON 110 and EMAN 210 or consent of the instructors. Also listed as EMAN 300.6.

### **353. Economic Development (Rahman)**

This course provides an economic analysis of the problems and prospects of development with a special focus on contemporary less developed countries. The course analyzes existing theories of economic growth; domestic issues such as income distribution, poverty, population growth, unemployment, and the role of women; and international issues relating to trade and finance. The course also discusses emerging thoughts on the political economy of reform and transition. Prerequisite: ECON 110. F.

### **354. Economic History (Spall)**

(Not offered 2005-06)

Historical description and analysis of economic development in the Western world from A.D. 950 to the mid-20th century. Topics include Manorialism, early urban market economics, the Age of Ambition, Mercantilism, agricultural revolution, industrialization, classical economics, free trade and colonialism, varieties of socialism, neo-imperialism, rise of the welfare state, governmental growth, and dependency theory. Also listed as HIST 354. (Formerly ECON 356.)

### **355. Econometrics (Gitter)**

The estimation of economic relationships by the use of multiple regression. The class explores the basic model as well as the effects of violating one or more of the basic assumptions of the Gauss-Markov Theorem. Prerequisites: ECON 110 and ECON 251, or permission of instructor. S.

### **357. History of Economic Thought (Larson)**

The development of economic thought from Mercantilism to Keynesian economics, with discussions of ethics. Prerequisite: ECON 110 or permission of instructor. S.

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# Majors and Courses of Instruction

## *Economics*

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### **370. Economic Systems (Larson)**

This course examines the principles, organization, and performance of contemporary economic systems. Various economies from different regions of the world are studied under three major types of economic systems: market-oriented economies centrally planned and transitional economies and less developed economies. Special attention is paid to the economic and political problems relating to transition. The course also discusses the transformation of existing economic systems through globalization and regional economic integration. Prerequisite: ECON 110. F.

### **372. International Economics (Rahman)**

Introduction to the pure theory and the monetary theory of international trade followed by application to current international economic problems. These include the problems of the United States balance of payments, world liquidity, economic integration, and aid to developing countries. Prerequisite: ECON 110, 251 or 253, 252, or permission. S.

### **375. Industrial Organization (Yazar)**

Theoretical and empirical study of how structure of an industry (e.g., monopolistic, oligopolistic, competitive) affects the conduct of firms and the performance of their markets. Among the topics to be covered are the theory of the firm, strategic competition and entry deterrence, antitrust laws, and economics of innovation. Prerequisites: ECON 252 and MATH 105, 230 or PSYC 210. F.

### **378. Public Finance (Gitter)**

The government's role in the allocation of goods in our economy. Among the topics are public goods (defense expenditures), externalities (the economics of the environment), government investment (cost benefit analysis), the economics of education and welfare, and public utilities. Prerequisite: ECON 251 or 253, 252. S.

### **385. Mathematical Analysis for Economists (Staff)**

(Not offered 2005-06)

Constrained and unconstrained optimization of functions of several variables. Detailed study of linear and nonlinear systems. Focus on economic applications, not formal proofs. Prerequisites: MATH 210 or permission of instructor.

### **387. Introduction to Game Theory (Yazar)**

The study of (noncooperative) multiplayer decision problems. Emphasis on translating an informal description of a process into a formal, game-theoretic problem to be analyzed. Covers static games of perfect information through dynamic games of incomplete information. Explores refinements of equilibrium concepts through perfect Bayesian equilibrium. A modest focus on evolutionary equilibria. Prerequisite: ECON 110, 252, MATH 110 or permission of instructor. F.

### **490A. Independent Study (Staff)**

Elective for junior or senior majors. Open to non-majors with permission of department. Faculty supervised project in economics. 3.0 overall grade point required and permission of the instructor. F, S.

### **490B. Group Independent Study (Staff)**

Elective for junior and senior majors. Open to non-majors with consent of department. Faculty supervised group project in economics. 3.0 overall grade point required and permission of instructor. F, S.

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# Majors and Courses of Instruction

## *Economics*

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### Economics- Management Courses (EMAN)

#### **491. Directed Readings (Staff)**

Faculty supervised readings on a topics in economics. 3.0 overall grade point required and permission of instructor. F, S.

#### **495. Apprenticeship Program (Staff)**

Opportunity for seniors and possibly juniors to engage in off-campus work projects in areas where they have adequate academic preparation. A 2.75 overall grade point required and permission of instructor. Credit is awarded on satisfactory/unsatisfactory basis. F, S.

#### **499. Senior Seminar (Gharrity, Simon, Southgate, Larson)**

Integrative analysis of contemporary economic issues for senior economics majors, and other students who have done substantial work in economics and have the consent of the instructor. F, S.

#### **210. Marketing Management (Boos, MacLeod, Staff)**

The role of marketing in business organizations. Course includes analyzing marketing opportunities, organizing, controlling the marketing effort, and planning new marketing programs. F, S.

#### **300.4 The Economic Growth of Modern Japan (MacLeod, Rahman)**

(Not offered 2005-2006)

A comparative study of economic policies and business management practices. This course will trace the economic development of Japan, especially since World War II, and attempt to explain it. Among the variety of causes of economic growth covered, emphasis will be put on the macroeconomic and microeconomic policies of the government, the general institutional structure of the Japanese economy, the structure and behavior of Japanese firms, and Japanese management practices. Throughout the course, comparisons will be made with other countries, particularly the United States and the European Union countries. May be taken for either ECON or EMAN credit, but not both. See ECON 300.4.

#### **300.6 The Internet: Economic Choices and Business Strategies (Boos/Simon)**

(Not offered 2005-2006)

This seminar will focus on economic factors influencing consumers to use the Internet and the business strategies employed by firms in this new Internet Era. More specifically, from a management perspective the seminar will include examining the structure of the Internet economy, the major participants, their strategies, current trends and future projects. From an economics perspective the seminar will include examining consumer privacy issues, consumer access issues and unequal distribution of use, as well as economic theory of information search and use of the Internet. Prerequisites: ECON 110 and EMAN 210 or consent of the instructors. Also listed as ECON 300.6.

#### **320 The Business Aspects of Sport (Cook, MacLeod)**

A study of the world of sports from a business perspective. Selected topics include major team sports franchising, ownership, player relations, salary arbitration, taxation, and venue management; minor sports development, and consumer orientation; stadia issues; development, promotion, marketing and management of major and minor events ranging from the Olympic Games to the Columbus Marathon; the production and merchandising of athletic equipment, clothing, and other sporting goods. Summer only.

#### **325. Organizational Behavior (Leavy)**

Psychological theory and research applied to job settings. Topics include leadership styles, communication, job motivation and satisfaction, decision-making strategies, work



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# Majors and Courses of Instruction

## Economics

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stress, employee selection and evaluation, and organizational development. Also listed as PSYC 325. Prerequisite: PSYC 110. S.

### **340 E-Commerce Business Strategies (Boos)**

This course will provide the background and basics of e-commerce and its impact on doing business in today's economy. Case studies and readings will examine the business strategies associated with different B-2-B and B-2-C business models, as well as the specific e-marketing, advertising and promotion practices associated with these business strategies. Summer only.

### **361. Financial Management (Boos, MacLeod)**

The scope and nature of managerial finance. Topics include capital budgeting techniques, investment decisions, financial analysis, time value of money, risk and return, operating/financial leverage, sources and forms of long-term financing, and financial structure and the cost of capital. Prerequisite: ACCT 217. F, S.

### **363. Organizational Structure and Design (Smith)**

Analysis of organization structures and processes. The role of management in both private and public organizations receives special attention. Case studies are employed to illustrate and apply organization theory. Also listed as SOAN 363. F.

### **365 Entrepreneurship (Boos, Staff)**

Brief overview of innovation and entrepreneurship in economic history and theory. Explores contemporary entrepreneurship within the larger economic and societal context. Investigates the skills, concepts, and theories employed by entrepreneurs in creating and building new ventures. Student teams fully develop a proposed new business venture including preparing and presenting a complete business plan. F, S.

### **369. International Business Ethics (Flynn)**

(Not offered 2005-06)

Major ethical principles and their application to modern business practices are discussed. The course uses case studies to focus on the modern corporation, with special attention to ethical dilemmas arising in the context of international business. Also listed as PHIL 369.

### **376 International Business (Boos, MacLeod)**

Fundamentals of international business and management in a global environment. This course will cover concepts related to the external international environment, business and national culture, cross culture communication and negotiations, multinational strategies, and global operations management. Prerequisites: ECON 110, EMAN 210. F.

### **461. Advanced Financial Analysis (MacLeod)**

(Not offered 2005-06)

This class will extend the financial concepts introduced in EMAN 361, exploring topics both in corporate finance and security analysis. Corporate finance topics may include corporate restructuring (mergers, acquisitions, and leveraged-buyouts), derivatives (e.g. futures, options, swaps), foreign exchange and pension management. Security analysis may include the study of portfolio theory, individual security instruments and general security markets. Teaching methodologies will range from theoretical study to applied case analysis. Prerequisites: ACCT 217, EMAN 361 and MATH 105 or equivalent. S.

### **490A. Independent Study (Staff)**

Elective for junior or senior majors. Open to non-majors with permission of department.

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# Majors and Courses of Instruction

## *Economics*

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Faculty supervised project in management. A 3.0 overall grade point average and permission of instructor are required. F, S.

### **490B. Group Independent Study (Staff)**

Elective for junior or senior majors. Open to non-majors with consent of department. Faculty supervised group project in management. A 3.0 overall grade point average and permission of instructor are required. F, S.

### **491. Directed Readings (Staff)**

Faculty supervised readings on a topic in management. A 3.0 overall grade point average and permission of instructor are required. F, S.

### **495. Apprenticeship Program (Staff)**

Opportunity for seniors (except in their last semester) and possibly juniors to engage in off-campus work projects in areas where they have adequate academic preparation. A 2.75 overall grade point required. Credit is awarded on a satisfactory/unsatisfactory basis.

### **499. Senior Seminar (Boos, MacLeod)**

Analysis of contemporary management issues (e.g., strategic planning, LBO's, and mergers) for seniors and other students who have done substantial work in economic-management areas. F, S.

## Accounting Courses (ACCT)

### **217. Principles of Financial Accounting (Cook, Harvey, Staff)**

The fundamental techniques of analyzing, recording, summarizing, and reporting the financial effects of business transactions. Sophomores and above. F, S.

### **341. Managerial Accounting (Cook)**

Accounting for management planning and control. Cost-volume-profit relationships, costs of individual products and services, budgets and standards, business segments, inventory, and relevance of costs to management decisions. Prerequisite: ACCT 217. S.

### **342. Intermediate Accounting I (Harvey)**

Accounting for published financial reports. The accounting and reporting environment, financial statement presentation, and accounting theory applied to asset accounts. Prerequisite: ACCT 217. F.

### **343. Federal Income Tax Accounting (Harvey)**

The Federal tax system and taxation of individuals and corporations. Topics include specific items of income and expense, differences between tax regulations and accounting principles, planning to reduce income taxes, and tax research methodology. Prerequisite: ACCT 217. F.

### **348. Business Law I (Reulbach)**

Study of legal concepts typically encountered by business persons. Topics include overview of U.S. legal system, in-depth study of contracts, torts (negligence), product liability, and business associations (sole proprietorships, partnerships, and corporations). Course recommended for juniors and above. F.

### **349. Business Law II (Reulbach)**

General survey of legal concepts typically encountered by business persons continues with sales, negotiable instruments, secured transactions, employment and labor law, property (real, personal, and intellectual), white collar crime, professional liability, and negotiation/settlement. Course recommended for juniors and above. Prerequisite: ACCT 348. S.

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# Majors and Courses of Instruction

## *Economics*

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### **350. Cost Accounting (Cook)**

Pricing decisions; accounting for materials, labor, and overhead; joint products; and product yield and mix factors, Variance Analysis, and Activity Based Costing (ABC). Prerequisite: ACCT 341. F.

### **351. Accounting Systems (Cook)**

Features of accounting information processing. Documents and records, data flow diagramming, controls, design concepts, and various systems examples for both large and small companies. Prerequisite: ACCT 352 or permission of instructor. F.

### **352. Intermediate Accounting II (Harvey)**

Continuation of AC 342. Application of accounting theory to liability and equity accounts. Other topics include pensions, leases, and deferred income taxes. Includes presentation of The Statement of Cash Flows. Prerequisite: ACCT 342. S.

### **353. Auditing (Harvey)**

The significance of, and need for, the opinion of an independent CPA concerning published financial statements; auditing standards, ethics, and techniques. Prerequisite: ACCT 352 or permission of instructor. S.

### **471. Advanced Accounting Problems I (0.5 units; Harvey)**

This course represents the first half of a capstone experience for accounting majors. Attention is directed to business combinations. Prerequisites: ACCT 350, 352. First half of semester. S.

### **472. Advanced Accounting Problems II (0.5 units; Harvey)**

This course represents the second half of a capstone experience for accounting majors. Selected topics include Accounting for Partnerships, Foreign Currency Transactions, and Fund Accounting. Prerequisite: ACCT 471. Second half of semester. S.

### **490A. Independent Study (Staff)**

Elective for junior or senior majors. Open to non-majors with permission of department. Faculty supervised project in accounting. A 3.0 overall grade point average and permission of instructor are required. F, S.

### **490B. Group Independent Study (Staff)**

Elective for junior or senior majors. Open to non-majors with consent of department. Faculty supervised group project in accounting. A 3.0 overall grade point average and permission of instructor are required. F, S.

### **491. Directed Readings (Staff)**

Faculty supervised readings on a topic in accounting. A 3.0 overall grade point average and permission of instructor are required. F, S.

### **495. Apprenticeship Program (Staff)**

Opportunity for seniors and possibly juniors to engage in off-campus work projects in areas where they have adequate academic preparation. Students must have a 2.75 cumulative grade point average and permission of the instructor. Credit is awarded on a satisfactory/unsatisfactory basis. F, S.

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# Majors and Courses of Instruction

## *Education*

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### **Education**

*Professors McClure, L. Musser, Zitlow*  
*Associate Professor White*  
*Assistant Professors Katz, Mass, Spradley*

Ohio Wesleyan has been educating teachers for more than 100 years. This experience confirms our belief that the most creative and effective teachers are prepared at strong liberal arts colleges such as ours. Our program emphasizes a solid theoretical base and practical experience. From the first course onward, education students learn about the responsibilities and rewards of their profession by working directly with children in area schools, community centers, and in Ohio Wesleyan's Early Childhood Center, a laboratory pre-school program.

Ohio Wesleyan offers programs preparing students for teacher licensure at the early childhood, elementary school, middle school, and high school levels. Students working toward the Early Childhood or Middle Childhood license pursue an OWU major in education. Students pursuing one of the other two licenses will major in another department at Ohio Wesleyan and minor in education. Ohio Wesleyan has programs leading to the following State of Ohio teacher licenses:

1. **Early Childhood License:** Prekindergarten to grade three
2. **Middle Childhood License:** Grades four to nine  
The State requires two of the following four concentrations:  
Reading and Language Arts  
Mathematics  
Science  
Social Studies
3. **Adolescence to Young Adult License:** Grades seven to twelve  
Chemistry  
Earth Science  
Integrated Language Arts  
Integrated Mathematics  
Integrated Social Studies  
Life Sciences  
Physics
4. **Multi-age License:** Prekindergarten to grade twelve  
Drama/Theater  
Foreign Language (French, German, Latin, Spanish)  
Music  
Physical Education  
Visual Arts

Education majors must be admitted to the teacher education program by the end of their sophomore year. Minors must be admitted by the end of their junior year. The program requirements include successful completion of two courses in education, a recommendation from an OWU faculty member, and a GPA of 2.8 (overall and, for education minors, in the subject area major). Contact the education department for a complete description of the admission and retention policy.

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# Majors and Courses of Instruction

## *Education*

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Graduates who complete the prescribed coursework in education and other fields, student teaching, and other requirements of the State of Ohio, and who pass the State-mandated Praxis II examination(s), are entitled to an Ohio provisional teaching license. The teacher education program is approved by the State of Ohio Department of Education, and it will be evaluated for national accreditation through the National Council for the Accreditation of Teacher Education (NCATE) in March 2006. The University is accredited by The Higher Learning Commission and a member of the North Central Association. Ohio maintains formal reciprocal agreements with 27 other states, and the Ohio license is recognized by most other states as well. Students desiring a teaching license from another state should consult with the education department early in their junior year to discuss reciprocity and/or organize their programs to meet the requirements of the states concerned.

All students seeking licensure student teach for 15 weeks, resulting in a total of over 400 hours in the classroom. All five of the full-time faculty members in the education department take part in the supervision of student teachers. In addition, teachers at the Early Childhood Center work with students in the PreK-3 licensure program, and full-time faculty from the arts and sciences supervise students in their subject area. Students meet for weekly seminars and receive eight formal observations during the semester. Beginning with their first education course, students spend a minimum of 100 hours in local school classrooms observing and assisting teachers, and teaching lessons based on ideas developed in methods courses. Student teaching takes place through agreements with local schools and through a consortial program in Chicago.

Any candidate attempting to obtain licensure in more than one program who achieves a C- or U in any segment of student teaching is ineligible to continue in the Teacher Education Unit; and, therefore, may not register for any future education classes at Ohio Wesleyan.

### **2003-04 Data**

During the 2003-04 academic year, 35 students completed the teacher education program. Of these, 13 were in the early childhood education program, two in the middle childhood program, five in physical education, five in English, five in social studies, two in Spanish, and one each in music, drama/theater, physical sciences physics. Female students made up 66%; male, 34%. One was Asian American and the remaining 34 were Caucasian. The overall enrollment at OWU was 1945: 53% female and 47% male. International enrollment is 9%; Asian/Pacific is 2%; Black, non-Hispanic is 4%; Hispanic is 1%; White, non-Hispanic is 82%; Race/ethnicity unknown is 2%.

Of the 35 program completers, 34 took the Praxis II examination(s) in their teaching area. In areas where ten or more OWU students took the same examination, the passing rates were as follows: Principles of Teaching and Learning (7-12), 100%; Early Childhood Education, 100%. The state rates for these tests were 94% and 99%, respectively.

Sixty-nine students were formally enrolled in the teacher education program in 2003-04. Of those 23% were male, 77% female; 95% Caucasian, 4% African American, 1% other. The average GPA of students admitted to the program was 3.17. Four full-time and two part-time education department faculty members supervised student teachers, along with members of the arts and science faculty, for a student-faculty ratio of about 6.83. Students completed a total of fifteen weeks of full-time student teaching, totaling 450 hours of in-class experience.

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# Majors and Courses of Instruction

## *Education*

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In order to take courses beyond EDUC 251, students must be accepted to the teacher education program. One of the requirements for admission to the program is an accumulative GPA of 2.8. Contact the Education Department for a complete description of the admission and retention policy.

### EARLY CHILDHOOD EDUCATION PROGRAM

#### **Major in Education; Early Childhood License (PreK-3)**

The following courses in education are required: 110, 251, 252, 321, 322, 323, 329, 351, 352, 461, 462, 463, 464.

In addition to courses in education, students must complete a mathematics course (preferably MATH 105, 230 or PSYC 210), ART 301, MUS 363, PE 381, PSYC 336, THEA 259, an OWU minor approved by the education department (List of approved minors available in the education department.), and the University degree requirements with the distribution requirements as listed below instead of those on pages 44-45.

#### Group I (Social Studies)

Three courses including Psych 336 and one American history or government course

#### Group II (Natural Sciences)

Three courses including one physical and one biological science course

#### Group III (Humanities/Literature)

Two courses including one literature course in either the English or humanities-classics department

#### Group IV (Arts)

ART 301, MUS 363, THEA 259, and one of the following: ART 110, ART 111, ART 112, or ART 113; MUS 105, MUS 347, MUS 348, DANC 115, THEA 101, THEA 210

Diversity: Students seeking a teaching license must complete two unit courses with substantial focus on non-Euro-American topics (beginning Freshmen 2006).

### MIDDLE CHILDHOOD PROGRAM

#### **Major In Education; Middle Childhood License (4-9)**

The following courses in education are required: 110, 251, 252, 341, 349, 351, 352, 353, 481, 482, 483, 484, and two of the following: 345, 346, 347, 348.

In addition to the courses in education, students must complete PSYC 335, a mathematics course (preferably MATH 105, 230 or PSCY 210), the University degree requirements, and at least two of the four state-approved Middle School Areas of Concentration (See education department for the lists of required courses in each area.)

Diversity: Students seeking a teaching license must complete two unit courses with substantial focus on non-Euro-American topics (beginning Freshmen 2006).

### SECONDARY EDUCATION PROGRAM

#### **Minor in Education; Adolescence to Young Adult License (7-12) or Multi-age License (PreK-12)**

The following courses in education are required: 110, 251, 369, 370, 377, 471, 472, 473, 474, plus additional education course(s) in the teaching area. Some Multi-age programs do not require 369, 370. A college-level math course is also required. Students in the multi-age music, fine arts, and physical education licensure programs must take English 145.

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# Majors and Courses of Instruction

## *Education*

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The subject matter preparation of a student in secondary education includes completion of an OWU major and of specific licensure requirements in the student's teaching area. (Lists of course requirements in each of the teaching fields listed above are available in the education department.) Students in the Secondary Education program are encouraged to consult with the education department regarding the specific requirements for licensure in their area of interest.

Diversity: Students seeking a teaching license must complete two unit courses with substantial focus on non-Euro-American topics (beginning Freshmen 2006).

### **Student Teaching**

Student teaching takes place every spring semester. Students register for 4 units—3 for student teaching, a half-unit for the student teaching seminar, and an additional half-unit course (either 352 or 377, depending on the program). Student teaching is a full-time commitment involving teaching, planning, and other in-school responsibilities, and various assignments originating from the half-unit courses.

**Education Department Policy on Credit/No Entry in all Teacher Education Licensure Programs:** Credit/no entry courses may not be taken in the major area of study (early childhood, middle childhood education, or the history major for teachers), nor in any courses to be used for the general requirements in English composition and foreign language or for the University distribution requirements. Only one course taken in the minor area of study, concentration area, or for specific content licensure requirements may be taken credit/no entry and must have the approval of the director of the specific licensure program.

## Courses

### **110. The Role of the School**

Analysis of a variety of educational issues from a philosophical, sociological, historical, and comparative perspective. Includes a focus on curriculum, equity, school organization, school law, federal/state/local government, history of PreK- 12 education, changing student population, religion, and multiculturalism. Field experience includes 15 hours working with a community-based program connected in some way with education. F, S.

### **251. Psychological Foundations of Education**

An interdisciplinary course that focuses on the implications of current research in educational psychology. Human development, intelligence, motivation, instructional strategies, assessment tools, inclusion issues, and classroom management techniques will be discussed. Field experiences include weekly tutoring visits to area schools and hosting a local visiting classroom on campus for one week during each semester. Prerequisites: C- or above in EDUC 110 or permission of instructor. F, S.

### **252. Teaching Reading with Children's Literature**

Consideration of the techniques of evaluation, methods of presenting and exploring literature with children in the balanced reading program. Curriculum practices such as literature circles, response journals, individualized reading, interactive read alouds and thematic units are explored. The integration of skills instruction with these practices is also addressed. Prerequisites: 251 or permission of instructor. F.

**259. (See THEA 259 for information)**

**301. (See ART 301 for information)**

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# Majors and Courses of Instruction

## *Education*

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### **321. Early Literacy**

An exploration of the theory and research concerning the teaching of reading and writing to young children, ages 3-8. The development of literacy, appropriate teaching strategies, techniques of evaluation and application of teaching strategies to the content areas are covered. Attention is also given to the integration of reading with the other language arts, particularly writing, as well as curricular modifications for children with disabilities and cultural differences. Prerequisite: 251 and admission to the teacher education program. S.

### **322. Integrated Methods for Early Childhood Teachers: I**

Emphasizes connections between the science, math, and social studies disciplines as well as between topics within disciplines. A problem solving approach to all disciplines is incorporated as well as the use of hands-on materials and models. Assessment is used to guide instruction. Techniques for the differentiation of instruction for ethnic groups, learning styles, and learning readiness are enumerated and practiced. Teachers learn to use oral discourse to extend student understanding. The importance of professional growth is illustrated through research findings and involvement with professional organizations. Other topics addressed include: safety issues, ethical use of animal life for educational purposes, math manipulatives, maps, and appropriate uses of technology. Prerequisite: 251 and admission to the teacher education program. F.

### **323. Integrated Methods for Early Childhood Teachers: II**

Continuation of 322. S.

### **329. Field Practicum: Early Childhood (0.5 unit)**

One course spread over two semesters and taken concurrently with appropriate methods courses. Required of all early childhood majors in the junior year. Students participate in a series of planned supervised field experiences. Emphasis is on the integration of theory and practice. F, S.

### **341. Middle School Principles and Practices**

An overview of the historical, social, and cultural influences in the development of the middle school concept. Students examine alternative patterns of school and class organization. The course emphasizes multiple instruction approaches to learning with a strong emphasis toward the constructivist approach and includes significant work with interdisciplinary teams, integrative curriculum, and authentic assessment. Prerequisite: 251 and admission to the teacher education program. Taken concurrently with middle school field practicum (EDUC 349).

### **345. Middle School Methods: Math (0.5 unit)**

This course explores strategies for teaching the important mathematical strands with an emphasis on an inquiry-based, constructivist approach. Other issues addressed include the use of appropriate technologies, a variety of manipulative and visual models, appropriate resources, and assessment strategies. F.

### **346. Middle School Methods: Reading & Language Arts (0.5 unit)**

This course focuses on how teachers can help middle school students learn and develop in their use of language, in their skills of inquiry, and in their ability to comprehend and express ideas using a wide range of texts including print and nonprint media. Special topics include language acquisition and structure; dialects, usage, and issues of communication; writing; and multiple ways of assessment. F.



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# Majors and Courses of Instruction

## *Education*

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### **347. Middle School Methods: Science (0.5 unit)**

This course explores strategies for teaching science with an emphasis on an inquiry-based, constructivist approach. Other issues addressed include: safety issues, legal obligations, management strategies inherent in the activity-based teaching of science, the use of technology and instructional strategies, the assessment of science learning. F.

### **348. Middle School Methods: Social Studies (0.5 unit)**

Examination of ways to integrate knowledge and methodology from the social sciences into the middle school curriculum, following the state model social studies program. Using various print and non-print resources, students will develop various strategies to engage middle school students in social studies content, keeping in mind the diverse needs of middle school students. F.

### **349. Field Practicum: Middle School (0.5 unit)**

This practicum is taken concurrently with the middle school principles course by all middle childhood majors in the fall of the junior year, and concurrently with the appropriate middle school content methods course in the fall of the senior year. Students participate in a series of planned, supervised field experiences in their area of concentration in a middle school classroom, do focused observations, plan and teach lessons, and make informed decisions about the use of varied instructional strategies. F.

### **351. Phonics and the Teaching of Reading**

The teaching of phonics within the context of reading, writing, and spelling. The nature and role of word recognition in the teaching of reading, methods for developing phonemic awareness as part of an integrated reading program, and the relationships between linguistics and phonics is stressed. The effect of deficits in phonemic awareness on decoding, spelling, and word recognition to reading disabilities is also explored. S.

### **352. Corrective Reading (0.5 unit)**

This course is designed to empower teachers by providing a theoretical, research and experimental base for instructional decision making. It will provide a strong theoretical framework from which the teacher will be prepared to use various assessment tools and strategies to discern student strength and weaknesses as readers, then use this information to develop appropriate reading programs to meet their specific needs. Typically taken in conjunction with student teaching. S.

### **353. Developmental Reading: Content Literacy and Young Adult Literature**

This course focuses on ways teachers can facilitate students' use of language to learn in all content areas, particularly content literacy in middle childhood (grades 4-9) and secondary (grades 7-12) school levels. Topics include the processes of reading and writing, knowledge of literature for young adults, current trends in developmental reading, and instructional strategies to improve comprehension, vocabulary, thinking, and study skills. Prerequisite: 251 and admission to the teacher education program. S.

### **363. (See MUS 363 for information)**

### **365. Secondary Methods: Math (0.5 unit)**

This course explores strategies for teaching the important mathematical strands with an emphasis on an inquiry-based, constructivist approach. Other issues addressed include the use of appropriate technologies, a variety of manipulative and visual models, appropriate resources, and assessment strategies. F.

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# Majors and Courses of Instruction

## *Education*

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### **366. Secondary Methods: English & Language (0.5 unit)**

This course focuses on how adolescents learn and develop in their use of language and in their ability to comprehend and express ideas using a wide range of texts including print and nonprint media. Special topics include teaching literature, language structure and variation, and writing. Attention is given to issues of communication and multiple ways of assessment. F.

### **367. Secondary Methods: Science (0.5 unit)**

This course explores strategies for teaching science with an emphasis on an inquiry-based constructivist approach. Other issues addressed include: safety issues, legal obligations, management strategies inherent in the activity-based teaching of science, the use of technology and instructional strategies, the assessment of science learning. F.

### **368. Secondary Methods: Social Studies (0.5 unit)**

Examination of ways to integrate knowledge and methodology from the social sciences into the secondary school curriculum, following the state model social studies program. Using various print and non-print resources, students will develop various strategies to engage secondary students in social studies content, keeping in mind the diverse needs of secondary school students. F.

### **369. Field Practicum: Secondary (0.5 unit)**

This practicum is taken concurrently with the secondary methods course. Students participate in a series of field experiences in an assigned secondary classroom; do focused observations; plan and teach supervised lessons with a focus on curricular and instructional approaches; and consider issues of professionalism. F.

### **370. Secondary Teaching: Knowledge and Practice**

An introduction of the content, skills, and issues that are essential for the teacher of adolescents and young adults. Coursework, directed clinical and field experiences, demonstration lessons, and peer teaching for all content areas other than art, music, or physical education. Prerequisite: 251 and admission to the teacher education program. Taken concurrently with secondary methods in content area: EDUC 365, 366, 367, or 368. F.

### **377. Teaching Workshop: Supporting and Extending the Learning (0.5 unit)**

A three-week workshop course for the 7-12 and PreK-12 licensure programs. Taken the same semester as student teaching. Focuses on applied instructional technology and reading and writing in the content areas. Includes seminar, clinical, and field experiences. S.

### **378. Foreign Language in the Elementary School**

Consideration of the relationship of first-language acquisition and second-language learning and of the multiple strategies appropriate for different age groups as they develop language skills in listening, speaking, reading, and writing. Topics include the relationship of second-language learning to the PreK-12 curriculum, the use of prepared and authentic material at each level, the role of technology in language learning, and the importance of cultural awareness as a component of language instruction. Offered as needed.

**381. (See PE 381 for information.)**

**384. (See PE 384 for information.)**

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# Majors and Courses of Instruction

## *Education*

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### **461, 462, 463. Student Teaching: Early Childhood**

Students will participate in carefully sequenced planned experiences in a minimum of two early childhood settings (preschool, kindergarten, elementary grades 1-3), culminating in full-day classroom responsibility for an extended period of time in each placement. A seminar will address the relationship between theory and practice, family and community issues, and related topics. The University reserves the right to remove a student teacher temporarily or permanently if conditions justify. An S/U option is available as described in the Student Teaching Handbook. S.

### **464. Teacher as Professional Community Builder: Early Childhood Student Teaching Seminar (0.5 unit)**

Seminar accompanies the student teaching experience. Students are asked to reflect on their practices, and continually evaluate the effects of their actions on children, parents, and other professionals. Family and community issues that affect young children are also explored. Emphasis is on collaboration and continued professional growth. S.

### **471, 472, 473. Student Teaching: Secondary and PreK-12**

Students in secondary and PreK-12 special subject area licensure preparation programs participate in a planned experience culminating in full-day teaching in school settings appropriate to their specific program. Reflection on their increased proficiency as beginning teachers is stressed as they apply their knowledge of content, learners, and pedagogy. The University reserves the right to remove a student teacher temporarily or permanently if conditions justify. An S/U option is available as described in the Student Teaching Handbook. S.

### **474. Being and Becoming a Professional: Secondary and PreK-12 Student Teaching Seminar (0.5 unit)**

This seminar accompanies the student teaching experience. Major topics build from a framework of domains for teaching, including planning and preparation, establishing a learning environment, multiple instructional approaches, working with families, and growing as a professional. S.

### **481, 482, 483. Student Teaching: Middle School**

Students will participate in a planned experience culminating in full-day teaching in a middle school setting for 15 weeks under the guidance of a practicing teacher and University supervisor. Self-evaluation of one's development as a teacher is stressed. The University reserves the right to remove a student teacher temporarily or permanently if conditions justify. An S/U option is available as described in the Student Teaching Handbook. S.

### **484. Becoming a Member of a Teaching Team: Middle School Student Teaching Seminar (0.5 unit)**

Seminar accompanies middle school student teaching. The integration of content, working with a teaching team, professional problem-solving, and teacher as an adult advocate are some of the topics that are addressed. S.

### **490. Independent Study**

### **491. Directed Readings**

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# Majors and Courses of Instruction

## *English*

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### English

*Professors Biehl, Carpenter, Lewes, J. Musser, Prindle*  
*Associate Professors Caplan, DeMarco, Hipsky, Steinitz, Burns*  
*Assistant Professors Olmstead, Poremski, Ryan*  
*Continuing Part-time Assistant Professors Levine, Richards, Stephens, Stull*

English majors develop both reading and writing skills. They gain a wide knowledge of authors, texts originally written in English, of the English language, and of interpretive approaches to literature. They read authors and texts selected to alert them to the linguistic connections among texts, historical perspectives, cultural contexts, the development of English as a language, and the canon and its critics. The major and minor foster curiosity about language, and the conviction that literature enriches human experience.

In English courses, students develop close reading skills—heightening their awareness of the conventions of literary form, structure, language, genre, and rhetoric—and are introduced to current critical methods. Throughout the major, students test and revise their notions of what makes literature literature. They cultivate sensitivity to language as a medium of thought and communication, and they learn to ask penetrating questions about texts and language.

English majors and minors become thoroughly acquainted with the writing process, sensitive to the rhetorical situation, and alert to the demands for correctness and precision. Writing majors develop a sense of voice, style, and tone, and practice adapting the conventions of various literary genres.

The English department expects that its students will explore the relationship of language and literature to social and cultural issues. It hopes they will become habitual, morally engaged readers, appreciating literature's function in developing an imaginative sensitivity to and disciplined regard for the relation between words and the world, the writer and the work, the representing self and the represented other.

The English major and minor also provide practical preparation for the world of work. They equip students to communicate clearly, to write effectively, and to read critically and accurately. These skills are fundamental for success in numerous professions and occupations.

### Majors

The English major will consist of 10 units of literature, language, and writing, and a portfolio (0.25 units). Majors may concentrate on literature, creative writing, or non-fiction writing. Requirements for each concentration are:

**Literature Concentration:** ENG 150, one theme course (ENG 145, 176, 180, 182, 224, 226, 228, 266) 2 British literature courses (ENG 330-354), one American literature course (ENG 268, 273, 278, and 360-374), one language or upper-level writing course (ENG 260, 265, 391, or 395), one seminar, the portfolio (ENG 410); 3 electives. At least one course must deal with literature written prior to 1800.

**Creative Writing Concentration:** ENG 150; one theme course (ENG 145, 176, 180, 182, 224, 226, 228, 266); one British literature course (ENG 330-354); one American literature course (ENG 268, 273, 278, and 360-374); two from ENG 260, 265, 391, 395; two from ENG 314, 316, 318, or 319; ENG 480; the portfolio (ENG 410); one elective.

**Non-fiction Writing Concentration:** ENG 150; one theme course (ENG 145, 176, 180, 182, 224, 226, 228, 266); one British literature course (ENG 330-354); one

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# Majors and Courses of Instruction

## *English*

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American literature course (ENG 268, 273, 278, and 360-374); three from 260, 265, 310, 312, 391, or 395; ENG 482; the portfolio (ENG 410); two electives.

**ENG 105 does not count toward the major.** Apprenticeships, while encouraged, are viewed as an extension of the major, not as a substitute for a regular course. ENG 495 and 496 do not count toward the major.

A course taken credit/no entry may not be counted toward the major. At least seven of the ten courses must be taken at Ohio Wesleyan.

### Minor

The English minor will consist of five units of literature and writing, and a portfolio (0.25 units). Minors must take ENG 150, ENG 410, and four electives.

A course taken credit/no entry may not be counted toward the minor. At least three of the five required courses must be taken at Ohio Wesleyan. NOTE: ENG 105, 495, and 496 do not count toward the minor.

### Teaching Licensure

Requirements for the Licensure Program for Integrated Language Arts (7-12) are NOT identical to requirements for the English major. Students seeking licensure should ensure that they fulfill English major requirements and professional education courses AS WELL AS licensure requirements. The minimal requirements for teaching secondary English (according to state nomenclature, “Integrated Language Arts, Adolescence to Young Adult”) include the following content-area courses:

COMPOSITION; ENGLISH LANGUAGE AND LINGUISTICS — three courses:

- ENG 105 (exempted students must substitute another writing course);
- UPPER-LEVEL WRITING — one course (select from 260, 265, or 310);
- LINGUISTICS OR HISTORY OF ENGLISH — one course (select from 391 or 395);

AMERICAN LITERATURE — two courses (select from, 224, 226, 268, 273, 278, 360, 362, 369, 372, 374, 486; 150 may count as either American OR British, but not both; also possible, depending on the topic: 145, 176, 415);

BRITISH LITERATURE — two courses (select from 228, 330, 334, 336, 338, 340, 342, 344, 346, 348, 350, 352, 354, 484; 150 may count as either American OR British, but not both; also possible, depending on the topic: 145, 176, 415);

WORLD LITERATURE — one course (select from ENG 342 [may not also be used as a British literature course], HMCL 255, 260, 265);

NON-PRINT MEDIA — one course (select from 254 or 310 [may also count as upper-level writing]);

ETHNIC OR WOMEN WRITERS — one course; courses used to fulfill this requirement may also be used to fulfill other requirements (select from 224, 266, 268, 273, 278, 350, 352, 354, 362, 369, 372, 374; other courses in English or humanities-classics might be used to fulfill the requirement as well, depending on their content—check with your instructor or education advisor).

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# Majors and Courses of Instruction

## *English*

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### The Writing Resource Center

The Writing Resource Center, located in the R.W. Corns Building as part of the Sagan Academic Resource Center, operates to provide, on a no-credit basis, professional tutorial instruction, writing practice, and evaluation/criticism for students needing to improve their writing skills to complete the competency requirement, to remove an unsatisfactory notation (“U”) from their academic records, or for their own satisfaction. The Writing Resource Center is available without charge through referral by an instructor or advisor or through self-referral, within the limits of available staff time. Writing Resource Center instructors work particularly with the problems of unity, organization, and development of short expository papers and with mechanical, syntactical, and stylistic problems at the sentence level. Furthermore, professors frequently remand students to the Writing Center for instruction on correct documentation and blending of sources. In addition, learning disabled students are assisted in achieving appropriate accommodations for their reading and writing needs. All students are tutored in the Center at times adjusted to their schedules, usually for one hour per week for as long as the students’ individual needs dictate. Students receiving a “U” grade in any course are required to report to the Writing Resource Center immediately at the beginning of the next semester, and must complete the program to remove the “U” by the end of that semester.

### Courses *Writing Competency*

#### **105. Freshman Writing Seminar (Staff)**

A focus on writing as a tool for learning and communicating. Students will develop critical thinking skills, productive writing habits, and a style appropriate for college-level writing. Several short papers and one longer paper are taken through stages of the writing process. Instructional formats include class discussion, workshop sessions, and individual conferences. A sequence of library assignments introduces students to the use of Beeghly Library resources as an integral part of the liberal arts education.

*Freshmen may enroll in any of the one-hundred-level courses. Those who have exempted ENG 105 are encouraged to enroll in one of the one-hundred-level courses offered as an R-course.*

### *Required of All Majors & Minors*

#### **150. Introduction to Literary Study. Required of all majors and minors. (Staff)**

A course to help students appreciate and understand the conventions of fiction, poetry, drama, and the essay. It raises fundamental questions about the nature of literature: What is it? Why read it? How is life transformed into imaginative works and how do they transform our lives? Does literature offer a unique form of knowledge? What distinguishes one literary text from another, or from other kinds of texts? Is some literature better than other literature? Although works and approaches vary with the instructor, the emphasis of this course remains the same: it focuses on close reading and analysis to develop students’ critical skills and to enrich their emotional and intellectual experience of literary texts. F, S.

#### **410. The Portfolio (0.25 units). Required of all majors and minors. (Staff)**

*Only second-semester seniors may enroll.* Students will collect representative work from all their English courses (essays, essay examinations, etc.), write an introductory essay summarizing their experiences as majors or minors, and produce a curriculum vitae or resume. Designed to help students make the transition from college to further study or the world of work. This course is graded on a satisfactory/no entry basis. S.

### *Theme Courses*

*Theme courses are designed to explore the expanding literary canon and its contexts.*

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# Majors and Courses of Instruction

## *English*

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### **145. Reading [a text or texts] (Staff)**

A course designed to help students develop their reading skills. Students will read and analyze texts, consider their conventions and contexts, and practice various strategies to respond to and interpret them. The course content will vary, but all instructors will emphasize reading strategies that can be adapted to any text or reading assignment. Texts may include essays, poetry, or fiction, and may concentrate on selected works, one longer work (such as a novel or long narrative poem), an author, or a genre (such as memoir or poetry).

**Reading Poetry (Caplan). F.**

**Reading Charles Dickens and his World (Prindle). S.**

**Reading Mark Twain and his Contemporaries (Carpenter). S.**

### **176. Alternative Worlds in British and American Literature (Staff)**

A variable content course that explores alternative literary worlds and modes of discourse. Although reading lists would vary, all sections would address the power of language to represent alternative realities — alternative either to perceived reality or to reality as represented in another medium. Thus the course may consider the literary representations of ideal worlds, immaterial universes, science fiction, utopias and dystopias, and visionary states in literature written in English. Or it may consider the alternative versions of a common world represented in different media, always including literature in English (e.g., jazz and poetry, the novel and film, portraits in paint and verse, urban images in stories, songs, movies, and folklore). F.

**Identity in the Modern World (DeMarco). F.**

**Time and Place in Contemporary Fiction (Flanagan). S.**

### **180. Narratives (1): The Short Story (0.5 unit; Staff)**

This course focuses on the form of the short story and the primal pleasure of story telling. F, S.

### **182. Narratives (2): Longer Forms (Novella, Novel) (0.5 unit; Staff)**

This course focuses on longer narrative forms, particularly the novella, with special attention to the strategies and demands of an extended narrative. F, S.

### **224. African American Images (Ryan)**

This course examines both literature and film, focussing on the representation of African Americans, and the artistic and socio-cultural functions of those representations. Possible topics include: “Images of Black Women in Fiction and Film,” “Figures in Black,” “Black Women Film Makers.” Also listed as BWS 224. F.

### **226. American Images (Caplan, Carpenter, Poremski, Ryan)**

A survey of selected poets, novelists, and essayists from the breadth of traditions and counter-traditions in American literature. Works will be read to reveal how “America” has been imagined and to shed light on the question of what it means to be an “American.” F.

### **228. British Images (Staff)**

A survey of selected poetry, fiction, prose, or drama from across the spectrum of British literature. This course will probe the diversity of traditions and countertraditions in British

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# Majors and Courses of Instruction

## *English*

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literature, reading selected texts against the appropriate contexts and backgrounds. Reading and course content will vary by instructor. S.

### **254. Introduction to Film (Carpenter, Kremling)**

A critical and historical approach to film. The course provides an overview of the development of film making and a survey of representative film genres, directors, and international film movements. S.

### **266. Women's Literature in English (Carpenter, DeMarco, Lewes, Poremski)**

This course features works that focus on questions of feminine identity, or works by women writers, inquiring into a variety of experiences that cut across lines of class, race, age, and sexual orientation. Texts and approaches will vary with the instructor. *Serves as a Women's and Gender Studies core course.* F, S.

### **369. Genre Studies in African American Literature (Ryan)**

(Not offered 2005-06)

Variable course focussing on a specific genre—narrative, poetry, novel, drama, essay—within African American literary tradition. The course will examine both literary and socio-political factors that have influenced the development of the specific genre. Course content will vary. Possible topics include: "Toward a Re-Definition of Slave Narrative," "Contemporary Black Drama." Also listed as BWS 274.

### **380. Critical Methods (Hipsky)**

(Not offered 2005-06)

Introductory readings in the theory and practice of contemporary literary-critical approaches. This course aims not only to familiarize students with issues central to literary criticism as a discipline, but to give them some practical command of its current interpretive methods. Approaches may include: formalism, structuralism, deconstruction, psychoanalysis, feminism, Marxism, and new historicism; as well as reader response theory, reception theory, gay and lesbian studies, cultural studies, multicultural criticism, and textual criticism.

### **391. Issues in English Linguistics (DeMarco)**

(Not offered 2005-06)

In this course students will be exposed to various ways of analyzing the structure of the English language, and will explore the interplay of language and social identity as it is shaped by gender, race, class and regionality (e.g. dialects). The course also addresses issues such as how the English language has changed over time, how children acquire language, and how language use defines what it means to be human.

### **395. History of the English Language (DeMarco)**

(Offered 2005-06)

This course offers answers to questions such as, "Why is English spelling so crazy?" and "Why does English language vary so much from Beowulf to Chaucer to Jane Austen to Alice Walker and other contemporary writers?" The course looks at the origins and traces the development of the English language from prehistoric (Indo-European) times, through the Middle Ages, to the present with reference to English literature across the ages, and with the aid of audio and videotapes. F.

*Genre, Criticism,  
and Language  
Courses*



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# Majors and Courses of Instruction

## *English*

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### *Writing Courses*

#### **260. Writing Essays (Musser, Steinitz)**

A course on the process of writing and revising non-fiction essays, concentrating primarily on improving organizational skills, developing style, and accommodating readers. Students will write different kinds of non-fiction essays and will read and analyze essays by professional writers. F, S.

#### **265. Elements of Style and Rhetoric (Lewes, Musser)**

A course in non-fiction writing suitable for majors in all fields. The course focuses on learning to manipulate voice and rhetorical stance by considering the variables of speaker, subject, audience, purpose. Students should expect to do some writing either in class or at home for every class meeting. These short experiments will focus on a range of modes, from parody to propaganda, and from self-expression to communication, as well as on a range of voices, from informal to formal. F, S.

#### **310. Writing for the Workplace (Poremski, Prindle, Burns)**

In this course, students learn to write the kinds of letters, memoranda, and reports most common in the workplace. They sharpen their writing style and their revising and editing skills. They learn to appeal to business and professional audiences while seeking to achieve specific purposes. Because employers expect the use of Edited American English (Standard English) and professional-quality page layout, this course teaches and enforces high standards of style, mechanics, and graphic design. Since oral communication skills are vital in the workplace, this course requires students to make both formal and informal oral presentations. F, S.

#### **312. Writing for the Sciences (Burt)**

(Alternate years. Offered 2005-06)

An introduction to three different types of scientific writing. After learning how to access scientific literature, students write a scientific paper. Students then assume the role of research supervisor and write a report for company management that interprets and generalizes recent laboratory results. In the last paper students become newspaper reporters who must write a feature scientific article based on scientific papers and technical reports. The writing process is emphasized throughout the course. S.

#### **314. Writing Fiction (Carpenter, Olmstead)**

This workshop is for those who wish to study narrative technique and to express themselves in short fiction. Students study fiction and a fiction handbook, and write technical exercises, critical analyses, and one or two revised and complete short stories to be discussed by the workshop. Prerequisite: 260, or 265, or consent of the instructor. F.

#### **316. Writing Poetry (Caplan, Musser)**

The workshop consists of lecture and discussion, study of the work of established poets, and group discussion of student work. Students write exercises in verse technique and critical analyses of poetry, and complete a group of revised and polished original poems. F.

#### **318. Playwriting (Gardner)**

In this workshop in script development the student is guided by readings of plays and a drama handbook, written exercises, and revisions to complete a one-act play. Prerequisite: 265 or consent of the instructor. Also listed as THEA 369. S.

#### **319. Screenwriting (Olmstead)**

Designed to introduce the student to screenplay form and technique, this workshop moves from readings through written exercises to a completed dramatic script of about thirty minutes in length. Prerequisite: 260 or 265 or consent of the instructor. S.

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# Majors and Courses of Instruction

## *English*

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### **480. Advanced Creative Writing Workshop (Olmstead)**

The capstone creative writing course, this workshop is for students who have successfully completed two of the four genre workshops: Writing Fiction (ENG 314), Writing Poetry (ENG 316), Playwriting (ENG 318), or Screenwriting (ENG 319) and wish to do advanced work in their chosen genre. Prerequisite: 314, 316, 318, or 319. S.

### **482. Non-Fiction Writing Workshop (Lewes, Musser)**

This capstone course helps juniors and seniors who want to polish their non-fiction writing style(s). The workshop will focus on various modes of non-fiction writing, with an emphasis on analytical and persuasive writing. Students will write short weekly papers, will edit the essays of their peers, and will revise at least three papers. Prerequisite: 260, 265, 310, 312, 314 or 316. S.

## *British Literature*

### **330. Medieval Literature (DeMarco, Lewes)**

(Alternate years. Offered 2005-06)

English literature from its Anglo-Saxon beginnings through the 15th Century. The works read in the course illustrate the generic range and imaginative spirit of this near-millennium: *Beowulf*, *The Wanderer*, *Sir Gawain and the Green Knight*, *Malory's Morte d'Arthur*, *Piers Plowman*, *The Pearl*, and selections from *The Book of Margery Kempe* and from Julian of Norwich's *Showings*. S.

### **334. Chaucer and his Contemporaries (DeMarco, Lewes)**

(Alternate years. Not offered 2005-06)

This course focuses on the works of "the father of English literature," Geoffrey Chaucer, especially *The Canterbury Tales* and *Troilus and Criseyde*. In order to explain the historical, social, and political issues to which Chaucer reacted, the course might also include readings from John Gower's *Confessio Amantis*, William Langland's *Piers Plowman*, and the *Paston Letters*, as well as selections from present-day studies of medieval literature and culture.

### **336. Shakespeare: The Nature of the Human Experience (Lewes, Prindle)**

(Not offered 2005-06)

In sprightly comedies, history plays, classic tragedies, and unusual romances, Shakespeare always returns to the fundamental issues of human connectedness and human solitude, human egocentricity and human generosity. The class will read 12 plays ranging from youthful efforts (*Romeo and Juliet*) to final masterpieces (*The Tempest*), analyzing them not only as literary works but as performance scripts. The format of the class will combine lectures and discussions. Students will also be expected to attend videotaped showings of the plays one evening a week.

### **338. Shakespeare: This Great Stage (Lewes, Prindle)**

An introduction to Shakespeare by way of 10 to 12 major plays, studied both as dramatic literature and as Renaissance theatre. Featured plays include representative plays from the major genres associated with Shakespeare's greatest achievements: tragedy (*Hamlet*, *Macbeth*), romantic comedy (*Merchant of Venice*, *As You Like It*), history play (*Richard III*, *Henry IV Part One*), and late romance (*Winter's Tale*). About half the plays read will also be viewed in performance on videotape. F.

### **352. Modern British Literature (Hipsky)**

(Alternate years. Offered 2005-06)

Studies in the major literature of British, Irish, and London-based writers of the period 1900-1940. The course will be centrally concerned with the stages of a developing

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# Majors and Courses of Instruction

## *English*

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### **340. The English Renaissance: The Power and the Glory (Biehl, Lewes, Prindle)**

(Not Offered 2005-06)

A study of major works of English literature (excluding the drama) from the period known as the English Renaissance, with special attention to the ideals of virtue, grace, and glory that those works bequeathed to early modern culture. Students compare the uses of literacy and literature in their own culture with those of men and women in the Age of Shakespeare: Thomas More, Shakespeare (the poetry), John Donne, Edmund Spenser, John Milton, Andrew Marvell. Special topics include the construction of male vs. female virtues, sexuality and violence, and the literature of martyrdom in both Renaissance and modern texts.

### **346. The British Restoration and Eighteenth Century (Musser)**

(Alternate years. Offered 2005-06)

The literature of the eighteenth century (1660-1800) reflects, shapes, or informs the radical changes in society, culture, and politics during the period. This course will focus on literature related to one or more of those changes: 1) the satirical attack on apparent disorder and chaos; 2) the abandonment of cynicism for sentiment; 3) the increasing emphasis on individual feeling as opposed to reason; 4) the desire to ground ideas in experience rather than notion and theory; 5) the search for a balance between self-interest and the social good. Writers react to these changes with irony, satire, comedy, biography, novels, comedies of manners, and evocations of sentiment and feeling. The more important writers include Dryden, Pope, Swift, Defoe, Johnson, Fielding, Richardson, Fanny Burney, and Jane Austen. F.

### **348. The British Romantics (Steinitz)**

(Alternate years. Offered 2005-06)

An overview of major themes of the Romantic period (1789-1825), including poetic and political revolutions, the preeminence of the imagination, and the valorization of the natural world. Texts include an array of poetry and prose by the six major Romantic poets (Blake, William Wordsworth, Coleridge, Byron, Percy Shelley, Keats) and two important writers of prose (Dorothy Wordsworth and Mary Shelley). Class time is divided between paying close attention to individual texts, and considering larger trajectories within and between the works of the writers studied. F.

### **350. The Victorians (Steinitz)**

(Alternate years. Not offered 2005-06)

A wide-ranging study of British literature and culture during the Victorian period (1837-1901), an era characterized simultaneously by a profound domestic and imperial confidence and a set of deep anxieties surrounding changing understandings of the individual, society, and the natural world. Topics include empire, gender and class divisions, industrialization and urbanization, the challenge science offered to religious faith, the dilemmas of post-Romantic poetry, and the evolution of the novel. Novelists may include C. and E. Brontë, Carroll, Dickens, Eliot, Gaskell, Hardy, Trollope, Wilde; poets may include E. B. and R. Browning, Hopkins, C. Rossetti, Tennyson; prose writers may include Arnold, Carlyle, Cullwick, Darwin, Ellis, Mayhew, Mill, Ruskin.

### **352. Modern British Literature (Hipsky)**

(Alternate years. Offered 2005-06)

Studies in the major literature of British, Irish, and London-based writers of the period 1900-1940. The course will be centrally concerned with the stages of a developing

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# Majors and Courses of Instruction

## English

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modernism: the feminist, realist, and impressionist fiction-writers of the Edwardian period; the Imagist and Vorticist avant-gardes of the 1910s; the flowering of “High Modernism” in the 1920s; the social satire of the politicized 1930s. Fiction writers may include Joseph Conrad, E.M. Forster, May Sinclair, D. H. Lawrence, Katherine Mansfield, James Joyce, Rebecca West, Virginia Woolf, Christopher Isherwood, and Aldous Huxley; poets may include W. B. Yeats, Ezra Pound, T. S. Eliot, F. S. Flint, and W. H. Auden. S.

### **354. Contemporary British Literature (Hipsky)**

(Alternate years. Not offered 2005-06)

Studies in the major literature of British and postcolonial writers of the period 1940 to the present. The course will be centrally concerned with the changing shapes of British literary genres under the shadow of the Cold War and in the wake of Empire. Fiction writers may include Doris Lessing, Jean Rhys, Iris Murdoch, Angela Carter, George Orwell, Graham Greene, Evelyn Waugh, Anthony Burgess, Ngugi wa Thiongo, Martin Amis, Irvine Welsh, and Salman Rushdie; playwrights may include Samuel Beckett, Edward Bond, and Tom Stoppard; poets may include W. H. Auden, Dylan Thomas, Ted Hughes, Seamus Heaney, and Eavan Boland.

### *Drama Courses*

### **342. Drama and Theatre to 1640 (Prindle)**

A survey of European drama from the Greek theatre of Classical Athens to the Golden Age of Shakespeare and the Elizabethans. This is the drama principally of Greece, Rome, and Northern Europe in the late Middle Ages and Renaissance. The course serves theatrical as well as literary interests, with careful study of the relationship of each period of the drama to the society it played to, the theatre it played in, and to the literary figures and styles that influenced it. In addition to reading plays, students work on independent projects and have the opportunity to observe or help perform short student productions of scenes from the early European drama. Also listed as THEA 351. S.

### **344. Drama, 1600-1900: The Development of “Realism” (Lewes)**

(Alternate years. Offered 2005-06)

Beginning with a review of the stock character types in the theatre of antiquity and Commedia dell’Arte, the class will trace the evolution of more nearly “realistic” characters, sets, special effects, lighting, and stage designs, until we encounter a revolt against them in modern theatre. Masterpieces of English drama and concurrent European plays will be examined as acting scripts, not only as literary masterpieces. Beginning with the proscenium arch and perspective painting of sets, students shall trace the evolution of verisimilitude through Elizabethan, Restoration, Neo-Classical, Romantic, and Naturalistic periods. Obviously social and cultural conditions will also be considered as students read Shakespeare, Wycherley, Sheridan, Molière, Racine, Büchner, Chekhov, Ibsen, and Pirandello. Also listed as THEA 361. F.

### *American Literature*

### **268. Black Women’s Literary Traditions (Ryan)**

Examines a variety of texts by Black women writers such as Zora Neale Hurston, Ann Petry, Gwendolyn Brooks, Lorraine Hansberry, Paule Marshall, Bessie Head, Lucille Clifton, Toni Morrison, Audre Lorde, Ama Ala Aidoo, Ntozake Shange, Alice Walker, Gloria Naylor, Jamaica Kincaid, Merle Coffins and others. Explores the ways in which Black feminist critical methodologies have been important to the recovery and interpretation of Black women’s texts. Possible topics include: Black Women’s Literature and Spirituality, Black Women’s Autobiography, and Twentieth-Century Black Women Writers. Also listed as BWS 368. F.

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# Majors and Courses of Instruction

## *English*

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### **273. Approaches to African American Literature (Ryan)**

(Not offered 2005-06)

Variable course focusing on a critical movement (such as The Harlem Renaissance or The Black Arts Movement) or a prominent figure (such as Richard Wright, James Baldwin or Toni Morrison) in the African American literary tradition. Also listed as BWS 370.

### **278. Native American Literature (Poremski)**

(Alternate years. Not offered 2005-06)

This course will introduce students to the rich variety of literary expression by Native Americans. Based on the assumption that Native American (or American Indian) literature must inform our discussion of just what American literature means, it will address questions common to other literature classes, yet asked with a different resonance: What makes a text literary? How are race, culture, and gender represented in literature? What are the connections between myth and contemporary literature? What is the relationship between oral and written literature, and between artistic expression in writing and other artistic/cultural expression? What are the intersections and dissonances between Native American literature and U.S. literature? The course will bring to students' attention in at least some specificity the tribal affiliations of the authors presented, and will introduce students to resources for learning more about Native American literature, culture, and history.

### **360. Early American Literature (Carpenter, Poremski)**

(Alternate years. Offered 2005-06)

Studies in American Literature from the beginnings to the nineteenth century. May include not only the traditionally studied works of the Puritans and eighteenth-century non-fiction writers, but also popular works such as narratives of Indian captivity, Gothic tales, and narratives of seduction. S.

### **362. Nineteenth-Century American Literature (Carpenter, Poremski)**

(Alternate years. Not offered 2005-06)

Studies in American literature from post-Revolutionary times through the Civil War to the turn of the century. May include not only the traditionally studied works of the American Romantics, Transcendentalists, realists, and naturalists, but also slave narratives, the sentimental novel, local color writing, and other popular forms of writing.

### **372. Modern American Literature (Caplan, Carpenter)**

(Alternate years. Offered 2005-06)

Studies in American literature from the early twentieth century to World War II. Focusing on selected poets and/or novelists, this course will examine the central tendencies of American modernism. Attention will be given to understanding both innovations in literary form and the cultural significance of innovative works. Poets may include Eliot, Frost, H.D., Hughes, Moore, Pound, Williams, Stein, and Stevens. Novelists may include Anderson, Cather, Faulkner, Fitzgerald, Hemingway, Hurston, West, and Wright. S.

### **374. Contemporary American Literature (Caplan)**

(Alternate years. Not offered 2005-06)

Studies in American literature since World War II. Focusing on selected poets and/or novelists, this course will explore the formal and cultural diversity of contemporary American writing. Authors may be studied in relation to various social movements or centers of literary activity. For the poets, these include: the New York School, Black Mountain College, the San Francisco Renaissance, confessional poetry, objectivist poetics,

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# Majors and Courses of Instruction

## English

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	and Language writing. For the novelists: existential realism, the civil rights movement, feminism, anti-war protest, meta-fiction, and postmodernism.
<i>Independent Study</i>	<b>490. Independent Study</b> Prerequisite for non-majors: one ENG course in the 200 level or above with a grade of B or higher. Regular courses may NOT be taken as Independent Studies.
	<b>491. Directed Readings</b> Prerequisite for non-majors: one ENG course in the 200 level or above with a grade of B or higher. Regular courses may NOT be taken as Directed Readings.
<i>Apprenticeships</i>	<b>495. Apprenticeship in Non-fiction Writing</b> Individually arranged apprenticeships both on and off campus. Opportunities have included (among others) Ohio Wesleyan's Public Relations Office, Battelle Memorial Institute Laboratories, marketing firms, <i>Ohio Magazine</i> . The student must apply to the English Department Executive Committee with the support of a faculty sponsor. The department views an apprenticeship or internship as an extension of the major, not as a substitute for a course.
	<b>496. Editing Apprenticeship: The OWL (Carpenter, Caplan, Olmstead)</b> Two semesters of editorial work for one unit of academic credit. The student is involved in every aspect of publication, from soliciting submissions, through selection and editing of works, to publicity and sales. An English major or minor may apply for the apprenticeship to the faculty advisor in the spring term of the academic year preceding the apprenticeship. The department views an apprenticeship or internship as an extension of the major, not as a substitute for a course.
<i>Seminars</i>	<b>415. Special Topics in Literature and Language (Staff)</b> (Offered 2005-06) A variable content course that will address significant issues in literature not encompassed by other courses. Examples: comparing works normally separated by traditional boundaries (national, historical, generic); concentrated study in a particular genre or author; concentrated study of a particular literary movement or historical development; the history of criticism; the history of English prose style. F.
	<b>484. Seminar in British Literature (Staff)</b> (Offered 2005-06) The content will vary. The seminar will focus on a major British author (or authors) or period, literary movement, literary critical question or position, or literary historical issue. Students will be expected to apply their critical reading skills in discussion and writing. F.
	<b>486. Seminar in American Literature (Staff)</b> (Offered 2005-06) The content will vary. The seminar will focus on a major American author (or authors) or period, literary movement, literary critical question or position, or literary historical issue. Students will be expected to apply their critical reading skills in discussion and writing. S.

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# Majors and Courses of Instruction

## *Environmental Studies*

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### **Environmental Studies Major**

*Advisor — Dr. Hickcox, Geology/Geography*

The environmental studies major is a broad-based course of study dealing with the environment and environmental issues, emphasizing an interdisciplinary approach within the context of the liberal arts. Students majoring in environmental studies must complete a second major in a traditional course of study. There are no restrictions on the choice of the second major. However, those students desiring a career in an environmentally related field, or who intend on pursuing graduate work in environmental studies, are strongly encouraged to take additional laboratory courses in the natural sciences, especially chemistry. A successful career in the environmental field will require that the student have a thorough background in laboratory science, social science, statistics, computing, and have strong communication skills.

The successful completion of both the environmental studies major and a second major requires considerable forethought and planning. Accordingly, students need to declare the environmental studies major no later than March 15th of their sophomore year. Students declaring majors after this date cannot be guaranteed enrollment in all of the required courses. The responsibility of scheduling courses required for the environmental studies major is that of the student, not the Environmental Studies program.

An Environmental Studies Committee, comprised of two faculty members from among the individuals teaching the core courses in the major, must approve the student's precise program and any subsequent modifications. Dr. David H. Hickcox, Department of Geology-Geography, currently chairs the committee. Students interested in majoring in environmental studies are urged to meet with him at their earliest opportunity.

#### **Major:**

- I. Core curriculum:
  - A. BOMI 233 or ZOOL 353, CHEM 230 (not required if CHEM 260 and 261 are satisfactorily completed), GEOG 347, GEOG 360 or PG 280, PHIL 359, SOAN 367 and ZOOL 115.
  - B. One semester of statistics (MATH 105 or 260, or PSYC 210) or two semesters of calculus (MATH 110 and MATH 111).
  - C. One unit of independent study in an environmental area supervised by a member of the faculty who teaches one of the core courses. The topic must be approved by the Environmental Studies Committee.
- II. Four electives from the following: BOMI 252, 300.5, 337, 344, 346, CHEM 260, 261, 270; ECON 110, 353, 370; ENG 312; GEOG 111, 235, 345, 370, 375; GEOL 110, 270, 275, 280; SOAN 291, 292, 293, 294, 352, 354, 360; URB 250; ZOOL 107, 300.5, 341, 345, 347, 349, 353.

#### **Minor:**

Five units: BOMI 233, CHEM 230, GEOG 347, SOAN 367, and ZOOL 115.

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# Majors and Courses of Instruction

## *Fine Arts*

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### Fine Arts

Professors Cetlin, Kalb, Krehbiel, Kronewetter, Neuman de Vegvar  
Assistant Professor Kloda  
Continuing Part-time Associate Professor Quick

The fine arts department at Ohio Wesleyan, created in 1864, was one of America's first college art departments. The department offers general experience through a broad B.A. program and/or professional preparation with a Bachelor of Fine Arts. Majors in fine arts may concentrate in studio art, art history, or fine arts education. Non-art majors may satisfy the Group IV distribution requirement by taking ART 110, 111, 112, 113, or any other course for which the student qualifies or to which the student can gain admission by permission of the instructor, excluding art education courses (ART 301, 302, 307).

Qualified students seeking either the B.F.A. or the B.A. degree in fine arts are encouraged to participate in one or more of the University honors programs. Students should refer to the Honors chapter of this Catalog and consult with their academic advisers as to how best to include these opportunities in their programs.

The department faculty recommends that students in the department consider participation in the GLCA Arts Program in New York (see Off-Campus Study Programs).

### Bachelor of Arts Degrees

#### Admission to the Bachelor of Arts Degree in Studio Art

Students may be admitted to the B.A. studio program by presenting a portfolio of their work to the art faculty. Acceptance into the program is based on an evaluation of each candidate's high school or college portfolio. Those who are not accepted into the B.A. program have one semester to develop work for a second submission.

Fine Arts Major with Concentration in Studio Art: 11 to 13 courses. These shall include 110, 111, 112, 113, 345 or 347, 351; at least one additional art history or seminar course; at least two additional studio courses from among 354, 355, 356; and at least two additional studio courses from among 358, 359, 360. The declaration of major form will be submitted upon completion of 110, 111, 112, and 113 or by the end of the sophomore year. All candidates for the B.A. degree must complete the competency requirements as stated under REQUIREMENTS FOR ALL DEGREES and the DISTRIBUTION REQUIREMENTS by selecting two units from Group I, II, and III and one unit from IV. Courses taken credit/no entry may not be applied toward the major. ART 301, 302, and 307 and credits awarded for an apprenticeship/internship are not counted among the 11 basic units required for the B.A. degree.

Fine Arts Major with Concentration in Art History: 11 to 13 courses. These shall include 110, 111, 112, 113, and 345 or 347; at least three additional art history courses from among: 341, 342, 343, 344, 345, 346, 347, 348 and 349; at least two additional studio art courses, and a senior capstone course in art history. Candidates for the B.A. degree in fine arts with concentration in art history must complete all competency requirements as stated under REQUIREMENTS FOR ALL DEGREES and the DISTRIBUTION REQUIREMENTS. The exception for fine arts students listed under



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# Majors and Courses of Instruction

## Fine Arts

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### Bachelor of Fine Arts Degree

Distribution Requirements does not apply to those concentrating in art history. Courses taken credit/no entry may not be applied toward the major. Credits awarded for internships or apprenticeships, including 495, cannot be counted among the 11 basic units for the major.

This degree is for students preparing to become professional artists, art teachers, or graphic designers, or to enter any of the related professions.

#### **Admission to the Bachelor of Fine Arts Degree**

Students may be admitted to the B.F.A. studio program after having completed ART 110, 111, 112, 113, and 351, and by presenting a portfolio of their work to the art faculty. The application can be submitted only after the completion of these courses but must occur before the end of the sophomore year. Acceptance into the B.F.A. program is based on an evaluation of the portfolio materials and the student's previous performance in all Fine Arts Department courses. Those who are not admitted into the B.F.A. program have one semester to develop work for a second submission.

All B.F.A. majors are required to successfully exhibit their work in a senior thesis show to fulfill graduation requirements.

**Major:** 17 to 22 courses. These shall include 110, 111, 112, 113, 345 or 400.2, 351; two studio courses from among 354, 355, 356; two studio courses from among 358, 359, 360; at least two additional art history courses; and at least one additional drawing course. In addition, each B.F.A. candidate takes at least two upper levels of the same two-dimensional or three-dimensional studio area of concentration. A minimum of four drawing courses is required of the student who chooses drawing for his/her studio concentration. The declaration of major form will be submitted upon completion of 110, 111, 112, and 113 or by the end of the sophomore year. Courses taken credit/no entry may not be applied toward the major. All candidates for the B.F.A. degree must complete the following distribution requirements (see REQUIREMENTS FOR ALL DEGREES and DISTRIBUTION REQUIREMENTS): any three units from Group I, one unit from Group II, two units from Group III, and one unit from outside the fine arts department in Group IV. Art education courses (ART 301, 302 and 307) and credits awarded for an apprenticeship/internship cannot be counted among the seventeen basic units required for the B.F.A. degree.

To qualify as a candidate for Phi Beta Kappa, students choosing the B.F.A. degree must complete all additional distribution requirements as stated under REQUIREMENTS FOR ALL DEGREES and DISTRIBUTION REQUIREMENTS.

**Major with License to Teach Art in Grades PreK-12:** completion of twelve additional courses (ART 302, 307, and 353, EDUC 110, 251, 377, 471, 472, 473, 474, ENG 145 and one course in mathematics)

Candidates for either the Bachelor of Arts degree or the Bachelor of Fine Arts can obtain the additional background necessary for graduate study in art therapy by also following a course of study in psychology, which would include a minimum of the following courses: PSYC 110, two in the personality/abnormal category from 222, 322, 327; and one in developmental psychology from 233, 333, 335, and 336.

### Combined B.A./B.F.A. Degree

Students working toward the combined degree must fulfill the departmental and distribution requirements for the B.A. degree, as well as the art course requirements for a B.F.A. degree. Requirements for a major in a different department must also be completed.

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# Majors and Courses of Instruction

## *Fine Arts*

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### *Minors*

The combined degree program is a five-year program that requires 17 to 22 art courses and 25 courses from other departments.

**Studio Minor:** A minimum of six courses consisting of 110 and 111, two two-dimensional studio courses including 112 or 351 or both, 113, and one additional three-dimensional studio course. The declaration of minor form will be submitted upon completion of two required courses. Courses taken credit/no entry may not be applied toward the minor.

**Art History Minor:** Six courses consisting of 110, 111, two additional art history courses, and any two studio courses. The declaration of minor form will be submitted upon completion of two required courses. Courses taken credit/no entry may not be applied toward the minor.

### *Foundation Courses*

These introductory-level courses are intended to meet the needs of the major and non-major alike and serve as prerequisites for upper-level art history and studio courses. Any of these courses also fulfills the GROUP IV DISTRIBUTION REQUIREMENT for the non-major.

#### **FOUNDATION ART HISTORY COURSES:**

##### **110. Survey of Art History I (Neuman de Vegvar)**

Introduction to the visual language of art and the major periods of art history from prehistoric times to the Renaissance. F, S.

##### **111. Survey of Art History II (Stanish)**

Introduction to the visual language of art and the major periods of art history from the Renaissance through modern art. F, S.

#### **FOUNDATION STUDIO COURSES:**

##### **112. Two Dimensional Design (KaIb, Taggart)**

A study of the elements of art and the application of the principles of organization as they relate to both decorative and illusionary space. Through exercises and projects students become familiar with the elements of line, shape, value, texture, and color. Also, students are required to develop a vocabulary of art terms and present their work for class critiques. F, S.

##### **113. Three Dimensional Design (Cetlin, Kloda, Quick)**

Aesthetic relationships in three dimensions, including composition with volume, plane, line, and space and consideration of structural principles. F, S.

### *Art History Courses*

##### **341. Classical Art (Neuman de Vegvar)**

(Alternate years; Not offered 2005-06)

Aegean, Greek, Etruscan, and Roman architecture, sculpture, and painting from 2,500 B.C.E. to 330 C.E. Prerequisite: 110 or consent of instructor.

##### **342. Medieval Art (Neuman de Vegvar)**

Architecture, sculpture, and painting of the Early Christian, Byzantine, Early Medieval, Romanesque, and Gothic periods — 300 to 1300. Prerequisite: 110 or consent of instructor. S.

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# Majors and Courses of Instruction

## *Fine Arts*

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### **343. Italian Renaissance Art (Neuman de Vegvar)**

(Alternate years. Offered 2005-06)

Architecture, sculpture, and painting in Italy from the Proto-Renaissance through Mannerism — 1300 to 1600. Prerequisite: 110, 111 or consent of instructor. F.

### **344. Baroque Art (Neuman de Vegvar)**

(Alternate years. Offered 2005-06)

Seventeenth Century architecture, sculpture, and painting in Europe. Prerequisite: 111 or consent of instructor. S.

### **345. Modern Art (Kalb)**

(Alternate years. Not offered 2005-06)

Impressionism to the present, with an emphasis on major developments in 20th Century painting and sculpture. Prerequisite: 111 or consent of instructor.

### **346. American Art (Staff)**

(Not offered 2005-06)

Architecture, painting, sculpture, and other art forms of the United States with an emphasis on the period from 1776 to 1913. Prerequisite: 111 or consent of instructor.

### **347. Contemporary Art History (Stanish)**

(Alternate years. Offered 2005-06)

The art and critical theory of the second half of the twentieth century. Beginning with late modernist abstract expressionism this course examines the development of postmodern visual art forms to the present day. Prerequisite: 111 or consent of instructor. F.

### **348. Asian Art (Staff)**

(Not offered 2005-06)

A survey of the art of India, China, and Japan with emphasis on major traditions and their religious/philosophical context. Prerequisite: 110, 111 or consent of instructor.

### **349. Islamic Art (Neuman de Vegvar)**

(Alternate years. Not offered 2005-06)

The course will explore the development of early Islamic art and architecture in light of the aesthetics and functional needs of Islam as faith and cultural empire. The impact of Islam as a unifying force will be contrasted with the artistic regionalism of some of the cultures completely or partially subsumed within Islam; Arabic, Persian, Anatolian, Mughal Indian, medieval Spanish, and West African. Prerequisites: 110, 111, or consent of instructor.

## *Studio Courses*

In every studio course, students will be required to purchase personal supplies, materials and/or small hand tools. The costs associated with participation in studio courses vary from course to course. In some courses a \$40 studio fee, covering group supplies and materials, will be charged to the student's bill.

Key codes to entry doors and studio spaces will be issued as needed to students. There is no charge for the keyless entry doors.

Studio Art Courses at levels I-III are listed in the Schedule of Classes.

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# Majors and Courses of Instruction

## *Fine Arts*

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### **351. Drawing I (Kalb, Kloda)**

Drawing as a means of developing visual perception and basic skills for depicting representational and non-representational elements. F.

### **361. Drawing II; 371. Drawing III; 381. Drawing IV**

Increasingly more advanced approaches to the selection and use of materials and subject matter. The development of a personal aesthetic is emphasized. F.

### **352. Figure Drawing I (Kalb)**

Drawing from the model. A study of the structure, anatomy, and expressive potential of the human form. Prerequisite: 351 or consent of instructor. (\$40 studio fee.) S.

### **362. Figure Drawing II; 372. Figure Drawing III; 382. Figure Drawing IV**

Drawing from the model. Increasingly more advanced study of the structure, anatomy and expressive potential of the human form. (\$40 studio fee.) S.

### **353. Computer Imaging I (Krehbiel)**

Introduction to computer generated art with emphasis on creating color images for output on color paint jet printers and photo mechanical processes either to printmaking or photographic systems. Specific focus will be made to hand generation using color paint software, video digitizing, and color image processing. Prerequisite: 112 or consent of instructor. (\$40 studio fee, \$75 software fee.) F, S.

### **363. Computer Imaging II; 373. Computer Imaging III; 383. Computer Imaging IV**

More advanced work utilizing digital input, digital effects, and a thorough understanding of computer hardware and software. Student is directed to find personal statement based on formal and technical exploration. (\$40 studio fee, \$75 software fee.) F, S.

### **354. Painting I (Kalb)**

Basic concepts of color mixing, paint application, composition, and the selection of subject matter. Various media, primarily oil and acrylic; may include watercolor, collage, and mixed media. Prerequisite: none for non-majors, 112 or consent of the instructor for majors. F, S.

### **364. Painting II; 374. Painting III; 384. Painting IV**

Intermediate- and advanced-level painting courses may explore both traditional and contemporary painting issues with an increasing emphasis on personal expressive content and stylistic cohesiveness. F, S.

### **355. Photography I (Kronewetter)**

Emphasis is on developing a thorough understanding of the 35mm camera, its operations, and its application as a tool for self-expression. The basics of lighting, exposure, film processing, contact and projection printing, and image presentation are covered. Slide presentations and weekly critiques coincide with hands-on experience. Students must have continuous access to a 35mm camera with adjustable controls. Prerequisite: 112 or consent of instructor. (\$40 studio fee.) F, S.

### **365. Photography II; 375. Photography III; 385. Photography IV**

Study on the intermediate and advanced levels is designed to further the student's understanding of the theory and practice of photography as a fine art. Each student

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# Majors and Courses of Instruction

## *Fine Arts*

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is encouraged to work with medium and large format cameras and experiment with a variety of hand-manipulated and non-silver print processes. Creative projects are designed and completed by each student with an emphasis on the development of an individual portfolio of personal statements. (\$40 studio fee.) F, S.

### **356. Printmaking I (Krehbiel)**

Introduction to printmaking with study of intaglio and woodcut taught in alternating semesters with lithography and monoprinting. Prerequisites: ART 112 and 351 or consent of the instructor. (\$40 studio fee.) F, S.

### **366. Printmaking II; 376. Printmaking III; 386. Printmaking IV**

Second-level students study the alternate media. Advanced students undertake further exploration of media to develop a personal understanding and style. Quality and quantity of work is increased appropriately with emphasis on the development of a personal statement through form and technique. (\$40 studio fee.) F, S.

### **357. Graphic Design I (Staff)**

Introduction to advertising design communication with the emphasis on layout, lettering, and the development of skills in the handling of basic tools, materials, and techniques. Assignments are correlated with the study of common reproduction processes. Prerequisite: 112 or consent of instructor. (\$40 studio fee, \$75 software fee.) S.

### **367. Graphic Design II; 377. Graphic Design III; 387. Graphic Design IV**

Students are introduced to computer enhanced design utilizing the Power Mac Platform. Adobe Photoshop, Adobe Illustrator, and Quark XPress are utilized in preparing the student for internships. Prerequisite: 112 and 353, Computer Imaging I, or consent of department chair. (\$40 studio fee, \$75 software fee.) S.

### **358. Ceramics I (Kloda)**

Design, construction, glazing, and firing of ceramics; the chemistry of glazes and simple geology of clay. The class alternates throwing and handbuilding techniques from one semester to the next. Prerequisite: 113 or consent of instructor. (\$40 studio fee.) F, S.

### **368. Ceramics II; 378. Ceramics III; 388. Ceramics IV**

The second-semester student studies the alternate technique. The more advanced student defines and carries out his/her individual exploration of particular directions and is more involved with the daily classroom operation. (\$40 studio fee.) F, S.

### **359. Metals I (Cetlin)**

Design and fabrication of metals and non-conventional materials into body adornment, hollowware, and/or small sculpture. Prerequisite: 113 or consent of instructor. (\$40 studio fee.) F.

### **369. Metals II; 379. Metals III; 389. Metals IV**

Further exploration of forming techniques, surface embellishment, and fabrication methods. Casting processes are taught at the advanced levels. Students are encouraged to develop a personal style while creating a body of work. (\$40 studio fee.) F.

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# Majors and Courses of Instruction

## *Fine Arts*

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### *Courses for Teaching Certification*

#### **360. Sculpture I (Quick)**

Various sculptural materials and techniques. Options include forming, modeling, molding, casting, carving, and building; clay, plaster, wood, plastics, welded metal, fiberglass/resin, lost wax bronze casting, mixed media. Prerequisite: 113 or consent of instructor. (\$40 studio fee.) F, S.

#### **370. Sculpture II; 380. Sculpture III; 390. Sculpture IV**

Introduction to ARC and MIG welding techniques. Further study of sculpture media and iron casting with an increasing emphasis on personal expressive content and stylistic cohesiveness. (\$40 studio fee.) F, S.

#### **301. Teaching Art: Early Childhood (0.5 units; Cetlin)**

Perceptual and creative development, explored through study of the visual expressive stages of children. Students explore basic skills and teaching methods needed to teach art preK-3. Required of all early childhood education majors. Prerequisite: EDUC 251 or consent of instructor. F.

#### **302. Teaching Art: Early and Middle Childhood (Cetlin)**

Perceptual and creative development, explored through study of the visual expressive stages of children. Students explore studio skills and teaching methods needed to develop a fundamental art program for preK-9. Required of all art education majors seeking the preK-12 teaching license. F.

#### **307. Teaching Art: Secondary School (Cetlin)**

The psychology and principles of art education in high school, with an emphasis on curriculum building and methods of executing ideas for the effective operation of a secondary school art program. Required of all art majors seeking the Special Teaching Certificate (preK-12). Prerequisite: 302 or consent of instructor. F.

### *Independent Studies*

#### **490. Independent Study (Staff)**

Independently supervised work in an area such as drawing, figure drawing, computer imaging, painting, photography, printmaking, graphic design, ceramics, metals, or sculpture. F.S.

#### **491. Directed Readings (Staff)**

Readings in art history or art theory in an area such as classical, medieval, Italian Renaissance, Baroque, Modern American, Contemporary, Asian, senior capstone or other. F.S.

#### **492. Gallery Practicum (Kronewetter)**

To introduce students to the operations of museums and galleries as preparation for a career as an arts professional or practicing visual artist. To introduce curatorial practices and provide practical experience with the exhibition process from financial planning, advanced scheduling, and promotion to the correct handling and most effective installation of art objects. Hands-on experience will be associated with the exhibitions mounted in the Lynn Mayhew Gallery. Full-year course: students must participate during both semesters to earn credit. Consent of instructor. F, S.

#### **495. Apprenticeship/Internship (Staff)**

Participation in the GLCA Arts Program in New York or in an independent off-campus apprenticeship arranged for and supervised by a department staff member. An opportunity

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## Majors and Courses of Instruction

*Fine Arts*  
*French*

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normally for seniors (except in their last semester) and also for juniors to engage in a “hands-on” learning experience in an area where they have adequate academic and technical preparation. F, S.

*Credits for apprenticeships/internships do not count in the 11 required courses for the fine arts B.A. or the 17 required courses for the B.F.A. However, for students pursuing the B.A., credits for apprenticeships/internships do count toward the maximum of 13 courses permitted in one discipline.*

### **499. Seminar**

(Not offered 2004-05)

Group study of problems in aesthetics, art history, criticism, or studio issues. Credit will be allocated in art history or studio art on the basis of content, which will be determined by the professor teaching the seminary. Students cannot take more than one seminar in Art History without the consent of the department. Students can enroll in as many studio seminars as they would like. Prerequisite: consent of instructor.

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### **French Major**

See the program and major requirements listed under Modern Foreign Languages.

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# Majors and Courses of Instruction

## *Geography*

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### **Geography**

*Professors Fusch, Hickcox  
Associate Professor Krygier  
Assistant Professor Ebel*

“Geography is the science of place. Its vision is grand, its view panoramic. It sweeps the surface of the Earth, charting the physical, organic, and cultural terrains, their real differentiation, and their ecological dynamics with humankind. Its foremost tool is the map.” (Leonard Krishtalka: Carnegie Museum of Natural History). Geography examines humankind’s transformation of, impacts on, and alternation of the surface of the earth. The major seeks to expose the student to the nature of geographic knowledge and to the process of geographic inquiry. The geography major emphasizes three themes: human impacts on the natural environment; the organization and development of cultural regions at the surface of the earth; and the human modification of the surface of the earth, which creates cultural landscapes. The major provides a broad base for professional work in geography, and in such areas as urban and regional planning, environmental management, resource management, consulting firms concerned with environmental and resource problems, and areas of business that deal with geographical problems. Geography at Ohio Wesleyan maintains close ties with the environmental studies program, the geology program and various programs in the social sciences, especially international studies, international business, economics, politics and government, history, and sociology/anthropology.

### **Majors and Minors**

Majors should be declared by the end of the sophomore year. To declare geography as a major, a student must have a 2.0 grade point average at the time of declaration. The student must maintain a 2.0 grade point average in his/her program to remain a major.

**Geography major:** 110, 111, 222, 235, 345, 353, 370, 375, 380; two from among 270, 330, 332, 334, 347, 355, 360, 490, 491; MATH 105 or 260; and two related courses in the social sciences (Group I) or natural sciences (Group II).

For students planning to do professional work in geography and/or attend graduate school, the following program is recommended: 110, 111, 222, 235, 345, 353, 355, 370, 375, 380; two from among 330, 332, 334, 347, 490, 491; MATH 105 or 260; and three upper-level courses in the social and/or natural sciences selected in consultation with one of the geography faculty.

Owing to geography, a social science, and geology a natural science, being housed in one department, students who double major in geography and geology may exceed the 17 course limit within one department.

**Geography minor:** Three tracks

Cultural/Human minor: 110, 345, 370, and three additional geography courses

Physical/Environmental minor: 111, 235, 347, and three additional geography courses

Mapping/GIS minor: 222, 353, 355, and three additional geography courses

**Environmental Studies major:** see alphabetical listing earlier in this chapter.

**Urban Studies major:** see alphabetical listing later in this chapter.



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# Majors and Courses of Instruction

## *Geography*

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### Courses

Students majoring or minoring in geography are not permitted to take courses required for the major or minor credit no/entry.

#### **110. Cultural Geography (Ebel, Fusch)**

The character and development of the world's major culture regions and cultural landscapes (e.g., the United States, Africa, etc.). Three themes are emphasized: (1) the development of culture regions and associated cultural landscapes such as agricultural and urban settlement; (2) humankind's impact on the natural environment; and (3) human population growth and change and its relationship to environmental impact. Students explore these themes through lecture and discussion copiously illustrated with maps, slides, and video tapes; short writing projects; the analysis of maps and other data; and the reading of specialized materials. F, S.

#### **111. Physical Geography (Hickcox, Krygier)**

This course emphasizes three themes: (1) the weathering and subsequent erosion of weathered material; (2) stream processes and fluvial landforms in both humid and arid regions, to include floods; and (3) the role of glaciers in shaping landscapes. Throughout the course the cycling of water over the earth's surface is emphasized, especially humankind's impact on these cycles. The course lectures are illustrated with slides and supplemented with interpretation of topographic maps. Short writing projects and map interpretation exercises are required. F, S.

#### **222. The Power of Maps and GIS (Krygier)**

Maps are essential tools for geographers and others who use spatial information and study spatial phenomena. Maps can be used to both explore and present data, and they play an important role in our society. This course is an introduction to maps and cartography, with an emphasis on how they relate to geographic information systems (GIS). Major topics include data sources, the map abstraction process, "map infrastructure" (scale, projections, reference systems, accuracy), map types, use, and interpretation. Course material covers technical and social issues as well as applications. The growing role of the World Wide Web (WWW) in providing data, maps, and GIS functions will be emphasized—with many WWW-based exercises integrated into the course. Geography 222 serves as an introduction to courses in cartography and geographic information systems (GIS). No prerequisites; open to all students. F, S.

#### **235. Energy Resources (Hickcox)**

Resource utilization and management, focusing on the earth's renewable and non-renewable energy resources. Each type of energy resource is analyzed and future use is postulated. S.

#### **270. Cultural Geography of the Middle East (Ebel)**

This course focuses on the landscapes of the Middle East as they have been shaped by human occupancy. The course explores the many layers of civilization in the Middle East, including the enormous cultural and ethnic diversity of the region, the evolution of political states, the role of religion in politics and culture, the differing experiences of men and women, the social and environmental consequences of rapid urbanization and the growth of the tourism industry. Includes discussions of the physical environment and natural resource endowments of the region, especially water and oil. No prerequisites. Sophomores, juniors, and seniors only. S.

#### **330. Geography of Europe (Staff)**

The cultural geography of Europe. Emphasis in the course is placed on the historical geography and evolution of Europe as a culture region, the development of European

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# Majors and Courses of Instruction

## Geography

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regional geographies (e.g., Mediterranean Europe; Eastern Europe); the growth and development of villages, towns, and cities throughout European history; the country and city architecture of Europe; and the growth and development of industrial, economic, and political regions and organizations (e.g., the Ruhr of Germany; the EEC, NATO, etc.).

### **332. Cultural Geography of the United States (Staff)**

The cultural impress of man on the environment and regions of the U.S. Origin and diffusion of culture groups; population growth and dynamics; history and organization of resource development, settlement, and land use. The cultural ecology of American society. The formation and development of regional cultural landscapes and economic regions, and the analysis of regional economic interaction, change, and disparity. S.

### **334. Cultural Geography of Africa (Staff)**

The human (cultural) geography of Africa. Origin and diffusion of cultural groups; resource development, settlement history, and land use. The cultural ecology and environmental impact of African peoples; colonial influence on economic and cultural change. Development of present cultural and economic activities of the various political divisions. Emphasis in the last third of the course focuses on problems of African development including Apartheid (S. Africa); agriculture; urbanization; and political economy.

### **345. Economic Geography (Ebel)**

General principles and theories regarding the operation of economic systems among various world regions. The evolution, organization, and impact of the world's major economic systems (e.g., Industrial Capitalism; Socialism) within various culture regions (e.g., Western Europe) is examined. The relationships between macroeconomic systems, their geographical impact, and geographical systems is carefully explored. Population growth and problems related to resource analysis and use are studied. The development of trade centers, industrial locations, and urban systems, and the spatial allocation of finite natural resources are important themes. The roles of resource distribution, population distribution, and urban and industrial centers with respect to economic system development and regional economic development are also examined. The course is divided into two halves: the first half examines the economic geography of the developed world with emphasis on the U.S.; the second half examines the economic geography of the developing world (Third World) with an emphasis on Latin America and Africa. Open to sophomores, juniors, and seniors only. F.

### **347. Environmental Alteration (Hickcox)**

Examination and analysis of the interaction of major world culture systems with the natural environment. Environmental alterations are examined historically (e.g., the early hydrologic societies) but with emphasis on contemporary human impacts on natural landscape (e.g., the impact of strip-mining on natural landscapes and on the hydrologic cycle-groundwater system; the greenhouse effect and human-induced climatic change). Long-term environmental impacts on cultural change are explored. F.

### **353. Cartography and GIS (Krygier)**

Geography 353 reviews essential elements of cartographic design and visualization in the context of geographic information systems (GIS). The core of this course is the laboratory project: students will locate data on the world wide web (WWW), process the data so it can be mapped in ArcView (GIS and mapping software), and design and produce a series of maps based on the data. Students will learn to construct basic HTML pages, containing the project maps, which will be placed on the WWW at the end of the semester. Lab work

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# Majors and Courses of Instruction

## *Geography*

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is informed by lectures that focus on the concepts, frameworks, and technical issues of cartographic design and visualization. No prerequisites. F.

### **355. Geographic Information Systems (Krygier)**

Geographic Information Systems (GIS) are an integrative set of concepts and technologies, including data capture (scanning, digitizing, GPS), data analysis, and visualization/display/output (computer cartography). This course consists of an overview of the functions and use of GIS software and hardware. The focus of the course is a community or regional project where students will work with people outside of the University on a “real world” application of GIS. S.

### **360. Environmental Geography (Krygier)**

Environmental geography, one of the most traditional components of the discipline of geography, encompasses natural science, social science, and humanistic understandings of the earth’s environment. Environmental geographers study the complex relationships between humans and the natural environment over time and through space. Geography 360 is being conducted as a seminar focused on social science and humanistic approaches to the environment. This course will provide a historical, geographical, and humanistic foundation for understanding the environment and the plethora of environmental issues that confront us at the beginning of this century. As a group, we will discuss current environmental issues and read and discuss a series of key books on the environment. Students will also examine a particular environmental topic in depth, culminating in a presentation at the end of the semester. Open to juniors and seniors, or by permission of the instructor. S.

### **370. The World’s Cities (Ebel, Fusch)**

The development of towns, cities, and urban regions. An examination of the urbanization process; the historical development of cities and systems of cities; the internal spatial interrelationships of urban functions and systems. Architecture and architectural history are examined as they relate to various periods of urban growth in various culture regions (e.g., Europe). The course emphasizes an examination of the historical evolution of cities from around the world, general concepts of urban planning, architectural history, cross-cultural comparisons of cities, and the human consequences of urbanization. The first third of the course focuses on urban development in Europe; the second third on the U.S. The last third focuses on urban development in developing countries. Open to juniors and seniors only, or by permission of instructor. S.

### **375. Weather and Climate (Hickcox)**

The elements of meteorology, emphasizing types of weather experienced during the course of a year. Content includes cloud types, warm and cold fronts, and severe weather phenomena such as thunderstorms, tornadoes, and hurricanes. A classification of world climates is presented. S.

### **380. Contemporary American Landscape Problems (Fusch)**

Examination and analysis of processes and mechanisms leading to the recent and current changes in the spatial and historical organization of natural, regional, and local cultural landscapes of the U.S. Emphasis is on current land use and development problems facing America, especially in urban areas. Several field trips are taken. Students develop mapping, observational, and analytic techniques in the field. Students complete several short research papers and a term project. Course is required of all geography majors. Prerequisite: minimum of three upper-level courses in geography or permission of the instructor. F.

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# Majors and Courses of Instruction

## *Geography*

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### **400.1 The Role of the City in the History of Western Civilization (Fusch)**

An examination of the role of cities in shaping, guiding, and influencing the course of Western civilization. Urbanization has been a central aspect of the history of Western civilization since its beginnings more than 10,000 years ago, and cities for the most part have served as both the control points in which Western civilization was shaped and the control points from which Western civilization was diffused. Cities are Western civilization's largest cultural artifact. The purpose of this course is twofold: (1) to understand the evolution of the role and purpose of cities in Western society; and (2) to understand the processes used by Western civilization to create and transform the physical fabric/structure – the morphology – of those cities.

**490. Independent Study (Staff)** Permission of instructor required. F, S.

**491. Directed Readings (Staff)** Permission of instructor required. F, S.

**495. Apprenticeship (Staff)** Permission of instructor required. F, S.

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# Majors and Courses of Instruction

## *Geology*

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### **Geology**

*Professor Fryer, Martin*  
*Associate Professors Mann*  
*Continuing Part-time Assistant Professor Tuhela-Reuning*

Ohio Wesleyan offers two majors in geology and one in Earth science. Geology is the science of the Earth and Earth-like planets, focusing on the investigation and understanding of natural processes within and on the planet, and the materials, structure, and history of Earth. The professional geology major provides a strong foundation for professional work and graduate study in geology and related fields such as hydrogeology, geophysics, geochemistry, oceanography, and environmental science. Careers in geology are numerous, with potential employers including federal and state geological surveys and other governmental agencies, the energy and minerals industries, and engineering and consulting firms concerned with water and other resources, environmental hazards, waste management, and construction projects. Geology is also an excellent liberal arts major, expanding ones understanding and appreciation of our living environment. The general geology major provides a strong base for subsequent study of, for example, law, economics, or environmental policy studies. The Earth science major provides training specifically for the pursuit of a career in teaching at the secondary level.

### **Majors and Minor**

**Professional Geology Sequence:** This major prepares students to do professional work or to attend graduate school in geology or related fields (e.g., geochemistry, geophysics, environmental geology). Course requirements are based on graduate school and industry requirements, and conform to the American Institute of Professional Geologists recommendations for the undergraduate geology major.

Twelve unit courses are required: GEOL 110, 111, 112, 290, 310, 320, and 340; two other upper-level geology courses numbered above 265, one of which must be numbered above 300 (except GEOL 318); CHEM 110 and 111; MATH 110 and 111, or MATH 110 and 105 or 260. Formal instruction in technical writing is also required of majors, and can be satisfied by enrollment in GEOL 345, or by arrangement with a member of the geology faculty in conjunction with a GEOL 490, 491 or upper level R course. The following additional courses are recommended based on graduate school requirements: GEOL 315, 330, 345; PHYS 110C, 111C; BOMI/ZOOL 120 and ZOOL 115, MATH 111. Selections from among these courses as well as other relevant courses should be made in consultation with members of the geology faculty.

Geology majors are encouraged to take a summer field course at another college or university chosen in consultation with members of the geology faculty. Majors are also strongly encouraged to participate in research or an apprenticeship.

**General Geology Sequence:** This major is for those students interested in geology as a course of study, but who do not intend to become professional geologists. In combination with courses in the social sciences (e.g., economics, geography, or politics and government), the general major is excellent preparation for a wide variety of careers (e.g., environmental law, or legal, financial, or administrative positions in the mineral resource, energy, and environmental industries). If students subsequently decide to attend graduate school in geology, they will need to take courses in chemistry, math, and physics, but will have the geology courses necessary for admittance to graduate departments.

Ten unit courses are required: GEOL 110, 111, 112, 290, 310, 320, and 340; two other upper-level geology courses numbered above 265; two courses from among ASTR, BOMI, CHEM, MATH, PHYS, and ZOOL.

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# Majors and Courses of Instruction

## *Geology*

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**Earth Science Major:** This major meets the state of Ohio requirements for Earth Sciences Licensure, to teach Earth Sciences in grades 7-12.

The following program is required: GEOL 110, 111, 112; GEOG 375; ASTR 110, 111; MATH 105; three courses chosen as follows: one course from among GEOL 270, 290, 310; one course from among GEOL 285, 340, 345; one course from among GEOL 320, 330; three courses chosen as follows: one course from among BOMI 110, 125, ZOOL 115, BOMI/ZOOL 120; one course from among CHEM 110, 111; one course from among PHYS 110, 111, 115, 116; choose one additional upper level course: GEOG 353, or any upper level lab course in any natural science (GEOL, ASTR, BOMI, CHEM, PHYS, ZOOL). Also, see Education for courses required in that department. EDUC 110, 251, 367, 369, 370, 377, 471-473, 474.

Upon declaring a geology or Earth science major, students must meet with one of the geology faculty members to plan their program.

Owing to geography, a social science, and geology, a natural science, being housed in the one department, students who double major in geology and geography may exceed the 17 course limit within one department.

**Geology Minor:** 110, 111, 112 and three upper level GEOL courses with at least one from among 290, 320, 340.

Students majoring or minoring in geology are not permitted to take courses required for the major or minor, credit/no entry.

All geology courses below the 490 level meet the natural science distribution requirement (Group II).

In years containing faculty sabbaticals, courses may be offered during the opposite semester to that listed.

## Courses

### **110. Physical and Environmental Geology (Fryer, Martin)**

An introduction to Earth's dynamic systems, the materials that make up the planet, and the environmental consequences of geologic processes. We engage in the Earth Systems approach that emphasizes the interactions of Earth processes within and between the solid Earth, the atmosphere and oceans, and the biosphere, particularly human interaction with the planet. Topics include planetary origin, plate tectonics, the nature and origin of rocks and minerals, volcanism, earthquakes, mountain building, and surficial processes that shape the human environment. F, S.

### **111. Field and Lab Geology (0.25 unit, Fryer, Mann, Martin)**

Field and laboratory experiences focusing on key ideas and materials of geology. Topics include mineral, rock, and fossil identification, and topographic and geologic map interpretation. Includes seven field trips during lab time. Optional for those students currently enrolled in GEOL 110 and open to those who have taken GEOL 110 previously. F, S, with sufficient demand.

### **112. History of the Earth (Mann)**

This course covers the 4,500,000,000-year history of the Earth. It examines the physical (lithosphere, hydrosphere, and atmosphere) and biotic histories as well as the interrelationships among these two realms. The first portion of the course focuses on "how we know what we know" while the second portion concentrates on "what we know". The

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# Majors and Courses of Instruction

## *Geology*

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course presents and then uses the primary concepts (geologic time, evolutionary theory, and plate tectonic theory) that are used in understanding, interpreting, and appreciating Earth history. Prerequisites: 110 or advanced standing in another science with permission of instructor. F, S.

### **260. Scenic America (Fryer, Mann, Martin)**

The geology of selected national parks, monuments, seashores, and battlefields, plus other areas of interest. Basic principles of geology are introduced as needed and illustrated by the geology of each area. No prerequisite. Satisfies one unit of natural science requirement. Does not count towards major or minor. Summer only.

### **270. Economic Geology (1.25 units; Martin)**

(Alternate years. Offered 2006-07)

An introduction to the Earth's geological resources emphasizing the geology and origin of the Earth's major metallic, non-metallic, and energy resources. Other major topics include resource exploration techniques; the development and exploitation of geologic resources; the use of geologic resources by society; the environmental consequences of resource utilization; and the political and strategic concerns surrounding resource use. Lecture and laboratory. At least one field trip to a working mine. Prerequisite: 110. F.

### **275. Hydrogeology (Mann)**

(Alternate years. Offered 2005-06)

A general overview of hydrogeology and an investigation of the occurrence, distribution, movement, chemistry, and environmental effects of groundwater in a geologic framework. The course presents the basic principles, methods, and applications of the discipline and prepares students to address simple groundwater problems. It also prepares students to ask appropriate questions when faced with groundwater management and protection problems. The course addresses groundwater from several perspectives, as an integral part of the hydrologic cycle, as a geologic agent, and as a managed natural resource in an environmental context. The course presents numerous hydrogeologic methods, including quantitative tools, and then requires students to apply these methods to address problems commonly encountered by professionals. The course uses numerous case studies to cultivate student understanding of groundwater in a variety of geologic settings. Prerequisite: 110 or GEOG 111. Additional natural science courses highly recommended. S.

### **280. Volcanology (Martin)**

(Alternate years. Offered 2006-07)

A systematic examination of volcanic phenomena. The course examines the types of volcanic eruptions, the generation and emplacement of magma, the products of volcanic activity, the impact of volcanism on humans and the environment, the monitoring and forecasting of volcanic events and planetary volcanism. Case studies of individual volcanoes and volcanic systems are used to illustrate the principles of volcanology. Prerequisite: 110. S.

### **285. Tectonics: Earthquakes and Mountain Belts (Fryer)**

(Alternate years. Offered 2005-06)

The geological and geophysical basis for the plate tectonic theory, with critical evaluation of historic and current research through reading of primary sources. Special emphasis on earthquake research including prediction efforts, and on processes of mountain belt formation. Other topics include plate kinematics, paleomagnetism, driving mechanisms, Precambrian tectonics, and tectonic geomorphology. Seminar format with emphasis on oral and written communication. Prerequisite: 112 or permission of instructor. F.

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# Majors and Courses of Instruction

## *Geology*

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### **290. Mineralogy (1.25 units; Martin)**

(Alternate years. Offered 2005-06)

Systematic study of minerals with an emphasis on the common rock-forming minerals. The principles of basic chemistry and symmetry are used to understand mineral properties and crystal structure. Topics include crystallography, principles of crystal chemistry, origin of mineral color, systematic mineralogy of major silicate and non-silicate minerals, and an introduction to optical mineralogy. Lecture and laboratory. Four-day field trip. Prerequisite: 110 and CHEM 110, or CHEM 110 concurrent with permission of the instructor. F.

### **310. Igneous and Metamorphic Petrology (1.25 units; Martin)**

(Alternate years. Offered 2005-06)

Knowledge about rocks, their origin, and their distribution contributes to the solution of many geological problems. Petrology focuses on the systematic study of igneous and metamorphic rocks including techniques of hand-specimen identification and classification. Basic principles of phase equilibria are used to understand the origin and behavior of magmas, the crystallization of magma, the origin of rock textures, and metamorphism. The dynamic nature of metamorphism in response to changes in the geological environment is examined, as well as the relationships between tectonic processes, magma generation, and metamorphism. Lecture and laboratory. Prerequisite: 290. S.

### **315. Petrography (1.25 units; Fryer)**

(Alternate years. Offered 2005-06)

Principles and practice of identification and interpretation of minerals and rocks using the petrographic microscope and the scanning electron microscope. Students learn the use of automated thin sectioning equipment, and produce, analyze, and interpret their own thin sections as a research project. Topics include optical mineralogy, description and interpretation of the major rock types, and chemical analysis of minerals using the X-ray analysis system of the SEM. Meets twice a week in 3-hour blocks. Field trip. Prerequisite: 290. S.

### **318. Electron Microscopy: Theory and Practice (Tuhela-Reuning)**

An exploration of the physical nature of electron microscopy with emphasis on the scanning electron microscope (SEM). Students investigate the influence of electron beam parameters on imaging and how to correct imaging problems to optimize analysis. Topics covered include sample selection, sputter coating, cryo preparation, and elemental analysis by energy dispersive spectrometry (EDS). Students gain extensive, hands-on experience using the SEM. Lecture and laboratory. Additional lab time required outside of scheduled lab. Prerequisites: any two science courses that count towards a science major or permission of instructor. Also listed as BOMI 318 and ZOOL 318. F.

### **320. Paleontology (1.25 units; Mann)**

(Alternate years. Offered 2006-07)

Paleontology studies life's history and elucidates our understanding of the role of life through time. It offers a unique historical perspective of humankind in nature, provides tools for the discovery and development of resources on which industry and agriculture depend, presents a framework for understanding the sensitivity of the global system to past perturbations, and helps us identify possible consequences of recent ecosystem change. Although Paleontology (320) covers the systematics and taxonomy of the major fossil producing invertebrate phyla, the course focuses on the paleobiology of fossils. Such topics as preservation (taphonomy), growth (ontogeny, heterochrony, and functional morphology), evolution (phylogeny, evolutionary theory, evolutionary patterns, and extinction), and fossil



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# Majors and Courses of Instruction

## *Geology*

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distribution (paleoecology and paleobiogeography) are the primary concepts addressed. The class also contains seminars in which students read and discuss the primary literature. The laboratory portion of the course is dedicated to examining fossils and addressing paleontologic questions. The laboratory includes several field trips so students have the opportunity to collect and work on the excellent fossilized material preserved in the sediments of central and southern Ohio. Prerequisite: 112 or advanced standing in botany or zoology. F.

### **330. Sedimentology and Stratigraphy (1.25 units; Mann)**

(Alternate years. Offered 2005-06)

Sedimentology and stratigraphy are branches of geology that deal with the identification, description, interpretation, and the distribution (both temporal and spatial relationships) of strata. The course begins by considering classic sedimentology (the formation of sedimentary rocks) and then progresses to consider sedimentation in the context of depositional environments. This is followed by examining sedimentation at a larger scale: sedimentation in basins (tectonics, eustasy, and isostasy). The course also covers classic stratigraphy as well as the many other developments (sequence stratigraphy, quantitative biostratigraphy, magnetostratigraphy, and chemostratigraphy) in the field. The field-oriented laboratory spends at least half of the sessions in the field addressing geologic problems. In addition to working on the local geology, the class visits Central Pennsylvania during a four-day trip to examine the Paleozoic history of the Appalachian Basin. Prerequisite: 112 or permission of instructor. F.

### **340. Structural Geology (1.25 units; Fryer)**

(Alternate years. Offered 2006-07)

Geometry and mechanisms of deformation of the Earth's crust. Classification and interpretation of fault and fold structures, theories of stress and strain, deformational fabrics, and methods of structural analysis; fundamentals of plate tectonics and structural regions of the world. Lecture and laboratory; four-day field trip. Prerequisite: 112 or permission of instructor; 345 recommended but not required. S.

### **345. Geological Techniques (1.25 units; Fryer)**

(Alternate years. Offered 2006-07)

Techniques for the investigation and solution of geologic problems. Emphasized are the techniques and equipment of field geology and technical writing. Topics include interpretation of geologic, topographic, and tectonic maps and aerial photographs; methods of field mapping and field data interpretation; drafting and presentation of geologic data; writing of technical reports. Lecture, laboratory, and four-day field trip. Prerequisite: 112 or permission of the instructor. F.

### **360. Geological Data Analysis (1.25 units; Staff)**

(Not offered 2005-06)

Survey of analytical methods for numerical data used in the geological sciences. Special emphasis will be on handling large data sets. Topics will include sampling techniques, data manipulation, media storage and manipulation, graphics, and selected techniques such as statistical modeling, computer simulation, and trend surface analysis. Lecture and laboratory. Prerequisites: 110, 112, and MATH 105; or permission of instructor.

### **370. Introduction to Geophysics (1.25 units; Staff)**

(Not offered 2005-06)

Geophysical methods used in the exploration for mineral resources and the analysis of plate tectonics; introduction to wave propagation, earthquakes and the internal structure of

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## Majors and Courses of Instruction

### *Geology* *German*

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the earth, seismic refraction and reflection methods, gravity prospecting, the earth's gravity and the concept of isostasy, magnetic prospecting and the magnetics of the earth, radioactivity, prospecting, electrical prospecting. Lecture and laboratory. Prerequisite: 110 and PHYS 110 or 115 or permission of instructor.

**490. Independent Research (Fryer, Mann, Martin)**

Collaborative and independent research with and under the supervision of a faculty member. Field and/or laboratory investigations culminating in a research paper. Prerequisite: discussion with and consent of supervising faculty prior to preregistration. F, S.

**491. Directed Readings (Fryer, Mann, Martin)**

Individually supervised study of selected geological subjects. Prerequisite: consent of instructor prior to preregistration. F, S.

**495. Apprenticeship (Staff)**

Supervised geology-related work experience that earns credit. Must be approved by geology faculty prior to preregistration.

**499. Seminar (Staff)**

Special topics in geology; an integrative course for geology majors who have departmental consent. F, S, with sufficient demand.

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### **German**

See the program and major requirements listed under Modern Foreign Languages.

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# Majors and Courses of Instruction

## *History*

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### History

*Professors Baskes, Gingerich, Spall*  
*Associate Professors Chen, Flamm, Terzian*  
*Assistant Professor Hernández-Múzquiz*

### Major

The history major requires a minimum of eleven courses. To ensure breadth of knowledge, the department requires that majors complete at least two courses from each of the three departmental areas: America, Europe, and the Developing World. To ensure depth of knowledge, no more than three courses at the 100-level (only two of which may come from any one field) may count toward the required eleven. To ensure temporal breadth, all students must complete ONE of the following courses: HIST 110, 111, 322, 334, 340, 341, 342, 343, 345, 350, 354, and 355 (or an appropriate independent study, honors, or topics course).

All majors must also complete HIST 250 (Historical Inquiry), preferably in the sophomore year, and HIST 493 (Historical Research) in the senior year. Students with specialized interests may submit a research proposal for a two-semester independent project (see HIST 494) to be completed in place of HIST 493. The proposal must be submitted for departmental approval no later than week twelve of the spring semester of the junior year and have the endorsement of the full-time member of the Department of History who will supervise the independent project.

The department will also accept successful completion of departmental honors requirements in lieu of HIST 493. Students interested in post-graduate study in history should consider the junior track for departmental honors so that the project can be completed before graduate school applications are due.

#### **History Major for Teachers**

Students intending to qualify for teacher licensure in integrated social studies (Grades 7-12) may pursue the history major for teachers. This program requires eight history courses including HI-250 (Historical Inquiry). To ensure breadth of knowledge, students must successfully complete at least two courses from each of the three departmental areas: American, European, and Developing World. Students must also complete all requisite professional education courses (including student teaching) as well as all integrated social studies licensure cognate courses in order to fulfill this major. Contact the education department for complete details and list of requisite courses.

### Minor

Five units of history courses; two of the department areas (America, Developing World, and Europe) must be represented.

**Exemptions.** Scores of 4 or 5 on the American History Advanced Placement test may be honored as credit for HIST 113 or 114 (but not both). For scores of 4 or 5 on the European History Advanced Placement test, credit is given only for HIST 112. Scores of 4 or 5 on the World History Advanced Placement test may be honored for credit for History 115 or 116 (but not both).

### Courses

#### **100.1 America in the Sixties (Flamm)**

The course examines the major political, social, cultural, diplomatic, and economic developments of the period, with special emphasis on the Vietnam War, the civil rights movement, and other social movements (women and youth in particular). F.

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# Majors and Courses of Instruction

## History

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### **110. Introduction to Graeco-Roman History (Hernández-Múzquiz)**

An introduction to the “Classical” world of ancient Greece and Rome, the foundations of Western Civilization. Focuses on the major historical developments from the beginnings of Greek civilization in the Aegean to the fall of the Roman empire, with particular attention to social and cultural changes. F.

### **111. Introduction to Early European History (Hernández-Múzquiz)**

Surveys the creation of European society, from its Roman roots to the wars of religion in the seventeenth century. In addition to covering the major political developments of the Middle Ages, Renaissance, and Reformation, the course will consider how ideas, culture, and social organization changed in this period. S.

### **112. Introduction to Modern European History (Gingerich, Spall)**

Europe since 1648, with emphasis on the ideas, institutions, and problems of topics such as the rise of absolute monarchy, the Scientific Revolution, the Enlightenment, the French Revolution, the growth of industrialism and liberalism, the advent of democracy and socialism, the development of nationalism and imperialism, and the interaction of European democracies with totalitarian dictatorships in the 20th Century. Readings include contemporary source materials, biographies, and interpretive essays. F, S.

### **113. Introduction to Early American History to 1877 (Terzian)**

The course surveys the major social, political, cultural, constitutional, and economic developments from the age of exploration through the Civil War and Reconstruction. It introduces students to some of the main issues and controversies of early America. F.

### **114. Introduction to Modern American History (Flamm)**

The course surveys the major political, social, cultural, diplomatic, and economic developments since 1877. It seeks to introduce students to some of the main themes, issues, and controversies of modern America. S.

### **115. Introduction to Latin American History (Baskes)**

A general introduction to the civilizations, populations, economies, societies, and politics of Latin America. F.

### **116. Introduction to Pacific Asia (Chen)**

An introduction to those non-western nations, once considered underdeveloped, which have recently produced economies competitive with our own. The course will focus on Japan, Taiwan, Korea, Singapore, and Hong Kong and will trace their pre-war experiences with the West, post-war development, economic organization, and will address issues of political form and human rights. F, S.

### **250. Historical Inquiry (History Faculty)**

The seminar provides an introduction to various historiographical traditions, genres, and schools. It also emphasizes methodological techniques such as source identification, evaluation, and location as well as research organization and presentation. Students prepare a research paper based on primary and secondary sources. Open to declared history majors or with permission of the instructor. F, S.

### **320. Middle East (Staff)**

(Not offered 2005-06)

The development of Persia, the dissolution of the Ottoman Empire, the rise of nationalism particularly in the Arab states, and European imperialism.

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# Majors and Courses of Instruction

## History

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### **322. Asian Civilizations to the 17th Century (Chen)**

(Not offered 2005-06)

The rise, development, and expansion of the peoples of India, China, and Japan in their formative years. Consideration of economic, social, cultural, and political aspects with a lecture emphasis.

### **323. Modern China (Chen)**

This course covers China's history from 1644 to present. It focuses on such issues as the development and decline of the Qing dynasty (1644-1911), the coming of the West, and China's various reforms and revolutions in the 19th and 20th centuries. S.

### **324. Topics in Asian History (Chen)**

This upper-division seminar is open to all students.

#### **324A. China and the West**

This seminar examines the relations between China and the West. While certain attention is given to Sino-Western contact before modern times, the course focuses on China's response to the West since the Opium War (1839-1842). Issues covered include the coming of the West, Western imperialism, Western impact, China's nationalism, and the various roles that the West has played in China's modernization. S.

#### **324B. China's Communist Revolution**

This seminar examines the Communist revolution in modern China. It discusses the origin and development of China's Communist movement in the historical context of the country's interaction with the West and Japan in the modern era. F.

### **325. Modern Japan (Chen)**

A brief introduction to the traditional Samurai culture of Tokugawa Japan, followed by examination of the nation's rapid initial modernization and the positive and negative consequences of that modernization, the latter including social dislocation, fascism, and war. The study of post-war Japan includes an introduction to the workings of modern Japanese party politics and foreign policy, and an examination of various aspects of contemporary Japanese society through Japanese eyes, including farm life, urban factory life, and the political and social controversies that have arisen over nuclear weapons and pollution control. F.

### **331. Mexico: From Conquest to Revolution (Baskes)**

(Not offered 2005-06)

A survey of the history of Mexico with emphasis on the variety of forces contributing to the formation of modern Mexico. Special emphasis on the clash between Mexico's European and indigenous populations and the major social, political, and economic upheavals of the Mexican Revolution.

### **332. Argentina, Brazil, and Chile Since Independence (Baskes)**

An introduction to socioeconomic and political trends in the largest nations of the Southern Cone. Topics investigated will include slavery, state formation, immigration, modernization, industrialization, economic development, populism, socialism, military dictatorship, and democratization in Argentina, Brazil, and Chile. S.

### **333. Repression, Resistance & Reform: The Shaping of Contemporary Latin America (Baskes)**

(Not offered 2005-06)

A topical approach to twentieth-century Latin American history with emphasis on the Latin

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# Majors and Courses of Instruction

## *History*

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American nations' struggles to sustain economic development, the causes and consequences of social revolutions, and the successes and failures of distinct political formations.

**334. Indians, Spaniards & the Struggle for Colonial Latin America (Baskes)**

(Not offered 2005-06)

A topical approach to the years 1492 to 1821 during which distinctively Latin American nations were forged from the clash of American, European, and African societies. Most of the course investigates the Spanish conquest of the great American civilizations of the Inca and the Aztecs. Special attention to the pre-conquest societies and the adaptations made by those societies to resist the Spanish colonial state and to maintain political, social, and economic autonomy.

**335. Topics in Latin American History (Baskes)**

(Not offered 2005-06)

An advanced course that examines selected topics and themes of Latin American history. Prerequisite: Permission of instructor.

**340. Ancient Greek History (Staff)**

(Not offered 2005-06)

After briefly surveying the early history of the Aegean world from the Minoans through the archaic period, the course will focus upon 5th-century Athenian society. Through careful reading from a variety of primary sources (Herodotus, Thucydides, Aristophanes, Xenophon, Plato, and others) students will examine both the events and the ideas that have contributed to Classical Greece's prominence in the Western canon. There will be a strong emphasis on critical thinking and learning historical methodology.

**341. Roman Empire (Staff)**

(Not offered 2005-06)

A topical examination of the Roman Empire at its zenith, focusing on the first two centuries of the Principate. In addition to reviewing the political history of the period, the course will also consider how Roman society was organized and assess the consequences of Romanization upon Europe, North Africa, and the Near East.

**342. "Christians and Barbarians" in Early Medieval Europe (300-1000)  
(Hernández-Múzquiz)**

Examines the development of Western Europe from the end of the Roman empire to the dawn of the High Middle Ages — the period popularly known as the "Dark Ages." The class will devote particular attention to such topics as: the "fall" of Rome, the nature of the "barbarian" kingdoms in comparison to the Carolingian Empire, and the impact of the Vikings. F.

**343. Knights, Peasants, and the Cross in the High Middle Ages (1000-1348)  
(Hernández-Múzquiz)**

A topical examination of the High Middle Ages in Europe (11th-13th centuries), focusing on the major changes in social and religious organization, such as the growth of cities, the university, the development and regulation of religious practices, and the crusades. Using a variety of primary and secondary sources the class will consider the causes of these changes, and examine the *mentalités* of the age. S.

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# Majors and Courses of Instruction

## *History*

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### **345. The Reformation Era (Spall)**

(Not offered 2005-06)

The religious upheaval of the 16th Century, including the medieval sources of the Reformation, the rise of the Protestant Churches, the Counter Reformation, and the emergence of early modern European political, economic, and social conditions. Also listed as REL 332.

### **350. Topics in Pre-modern European History [Medieval, Early Modern, Spain, Mediterranean] (Hernández-Múzquiz)**

Examines a particular (pre-announced) topic in pre-modern European history in detail. Emphasizes careful use of primary and secondary sources, and critical thinking. Prerequisite: Permission of instructor. F, S.

### **351. 19th Century Europe (Gingerich)**

Comprehensive account of the transformation of Europe from the era of the French Revolution until the First World War. Topics include conservatism, liberalism, nationalism, socialism, industrialization, racialism, and imperialism. Honors Course. S.

### **352. 20th Century Europe (Gingerich)**

Comprehensive investigation of the major political, social, cultural, and economic trends and changes in Europe from the eve of the First World War until the revolutions of 1989. Topics include the impact of the two world wars, totalitarianism, imperialism and decolonialization, the cold war, regeneration of Europe, and the revival of nationalism. F.

### **353. Adolf Hitler and Nazi Germany (Gingerich)**

A topical study that explores the origins, structure and ethos, and collapse of National Socialist Germany, and the impact of the Nazi era on Europe and the world. F.

### **354. Economic History (Spall)**

(Not offered 2005-06)

A historical description and analysis of economic development in the Western world from A.D. 950 to the mid-20th century. Topics include manorialism, early urban market economies, the Age of Ambition, mercantilism, Agricultural Revolution, industrialization, classical economics, free trade and varieties of colonialism, socialism, neo-imperialism, rise of welfare state, governmental growth, and dependency theory. Also listed as ECON 354.

### **355. The Making of Britain (Spall)**

A survey of the history of Great Britain and Ireland from earliest times through the Glorious Revolution of 1688 and its settlement. Scotland, Ireland, England & Wales, and British continental and colonial holdings receive attention. Celtic, Roman, Anglo-Saxon, Norman, Medieval, and Tudor-Stuart society and institutions are considered. Political structures, economic life, intellectual developments, cultural values, as well as war and diplomacy are treated. F.

### **356. British History Since 1688 (Spall)**

A survey of the history of the United Kingdom (England & Wales, Scotland, and Ireland) since the Glorious Revolution. Covers the Age of Aristocracy and the Enlightenment, the Industrial Revolution and its social and political consequences, loss of the American colonies, the wars of the French Revolution and Napoleon, Regency and Victorian England, the rise of the Welfare State, the Age of Churchill, and contemporary Britain. Attention is given to political development and reform, empire, economic life, foreign relations, war, and changes in society and culture. S.

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# Majors and Courses of Instruction

## *History*

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### **357. Topics in British History (Spall)**

(Not offered 2005-06)

A topical inquiry at the advanced level into British History. Conducted as a readings colloquium, the course allows examination of one (or more) topics or themes in the history of the United Kingdom and its Empire/Commonwealth. The class studies the selected topic in depth, becoming familiar with primary and secondary authorities, standard works, interpretations and revisions, methodologies, and the historiographical context of the issues pertaining to the topics — a problems approach. Prerequisite: 355 or 356, or permission of the instructor.

### **360. Topics in Modern European History (Gingerich)**

(Not offered 2005-06)

A readings colloquium at the advanced level focused on selected themes and topics of 19th- and 20th-century European history. Prerequisite: Permission of instructor.

### **362. Imperial Russia and the Soviet Union, 1801-1991 (Gingerich)**

A survey of the history of the Russian empire and the U.S.S.R. from the accession of Alexander I to the collapse of the Soviet Union, focusing on the salient political, ideological, social, economic, and cultural trends and developments. S.

### **366. Contemporary Spanish History (Salamanca, Spain)**

The major themes and problems of twentieth century Spanish history will be presented in the context of Spanish traditions. Seven classes devoted to a survey of Spanish history with the remaining classes devoted to the Spanish Republic (1931-39), the Franco era (1939-75), and the post-Franco era (1975 to the present). *This course, offered exclusively at OWU's Salamanca, Spain Program, is accepted in the major and minor as a European history course.* Students studying at Salamanca are encouraged to take 111 or 112 prior to their departure. Also listed as Spanish 378.

### **370. Topics in Early American History (Terzian)**

A seminar that examines selected topics and themes of American History. The seminar is open to all students. Prerequisite: Permission of the instructor.

#### **370A. Famous American Trials**

This seminar examines famous and infamous trials to understand significant legal, social, and cultural issues in American History. We will consider also how legal institutions and legal values, such as notions of justice and rights, have evolved over the course of United States history. F.

#### **370B. American Revolution**

(Not offered 2005-06)

This seminar examines the social, political, intellectual, military, and constitutional developments of the American Revolutionary era from 1750 through ratification of the Constitution.

### **371. Colonial America (Terzian)**

(Not offered 2005-06)

This course analyzes the origins and social, political, cultural and economic development of the British colonies in North America from the early 17th century to the Revolutionary War, with special emphasis on regional similarities and differences, how European contact with Native Americans shaped the cultures of both peoples, and how the southern colonies came to rely on a system based on slave labor.



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# Majors and Courses of Instruction

## *History*

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### **372. Old South and Slavery Controversy (Terzian)**

(Not offered 2005-06)

This course examines the colonial and antebellum years of the southern region of the United States, which came to be known as the Old South. It explores the Old South's economic, political, and cultural development. In particular, we will analyze the ways in which race, class, and gender affected antebellum southern politics, economics, and culture.

### **373. The Civil War (Terzian)**

(Not offered 2005-06)

This course analyzes the political, constitutional, military, social, and cultural aspects of the Civil War from its origins in the early nineteenth century through the end of Reconstruction in 1877.

### **374. The Frontier in American History (Terzian)**

(Not offered 2005-06)

Selected phases of the American Westward Movement, the problems of the West, and the significance of the frontier in the nation's development.

### **375. Women in American History (Terzian)**

(Not offered 2005-06)

This course examines the history of women in the United States from the colonial period to the present, paying attention to the experiences of women of different races, classes, and ethnic backgrounds with work, family, sexuality, and social and political activism.

### **376. The Emergence of Modern America, 1877-1929 (Flamm)**

(Not offered 2005-06)

The course examines the major political, social, cultural, diplomatic, and economic developments of the period, with special emphasis on the impact of urbanization, immigration, and industrialization, the emergence of the Populist and Progressive movements, the legacies of World War I, and the clash of cultures in the 1920s.

### **377. The Transformation of Modern America, 1929-1960 (Flamm)**

The course examines the major political, social, cultural, diplomatic, and economic developments of the period, with special emphasis on the Great Depression, the New Deal, World War II, the Cold War, and the cultural divisions of the 1950s. S.

### **378. The Ascendance of Modern America, 1960-2000 (Flamm)**

(Not offered 2005-06)

The course examines the major political, social, cultural, diplomatic, and economic developments of the period, with special emphasis on the Cold War, the Vietnam War, the social movements (minorities, women, and youth), and the political shifts (such as the conservative revival).

### **380. American Foreign Relations Since 1917 (Flamm)**

The course examines the major diplomatic developments since World War I, with special emphasis on World War II, the Cold War, the Vietnam War, and the complex relationship between domestic and international factors. F.

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# Majors and Courses of Instruction

## *History*

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### **381. America and Vietnam (Flamm)**

(Not offered 2005-06)

The course examines the major political, military, and diplomatic developments of the war in Indochina, with special emphasis on how it affected soldiers and civilians in America and Vietnam.

### **385. Topics in Modern American History (Flamm)**

The seminar explores selected topics and periods. It emphasizes reading and discussion at an advanced level. The seminar is open to all students. Prerequisite: Permission of instructor.

#### **385A. Crime and Punishment in Modern America**

(Not offered 2005-06)

From the exploits of Al Capone and John Dillinger to the trial of O.J. Simpson, the clash between police, criminals, and the law has never ceased to fascinate and horrify. This seminar will examine that fixation by investigating some notorious individuals and infamous events of the past century. The objective is to use both the myth and reality of crime as a lens through which to explore racial, class, and gender issues in American political, social, and cultural history.

#### **385B. Women and Gender in Modern America**

(Not offered 2005-06)

From the fight for suffrage to the struggle for equality, the history of women in modern America has featured change and continuity, conflict and consensus. Great expectations and individual courage have led to substantial progress but also to bitter disappointment and unintended consequences. This seminar will examine how, for more than a century, American women have sought personal fulfillment and professional advancement despite political, economic, racial, social, cultural, and personal obstacles. This seminar is their story.

#### **385C. World War II**

(Not offered 2005-06)

This seminar will examine the most destructive conflict in human history. The Second World War spread devastation across three continents and claimed the lives of tens of millions of soldiers and civilians. It also revealed the horrors of Hiroshima and the Holocaust. But at the same time, the war turned the U.S. into a military and economic superpower. And it transformed American politics and society, with important consequences for decades to come.

### **390. Seminar in the History of Feminism**

(Not offered 2005-06)

The historical development of feminism in Great Britain and the United States from the late 18th Century to 1900, with readings and seminar reports on primary sources ranging from Wollstonecraft (1790) to Gilman (1898). Also listed as WOMS 499B.

### **490. Independent Study, Historical Research (Staff)**

Guided research project for students with specific research interests. Consent of instructor. F, S.

### **491. Independent Study, Directed Readings (Staff)**

Guided readings and/or tutorial project. Consent of instructor. F, S.

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# Majors and Courses of Instruction

## *History*

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### **493. Historical Research Seminar (History Faculty)**

The seminar is required of history majors in their senior year and emphasizes historical methodology through the preparation of a substantial research paper, which is taken through multiple drafts within the limits of the semester. Students with specialized research interests should consider the alternative to HIST 493 detailed in the *Catalog's* description of the history major. Students considering graduate school may request an oral defense with a second reader. The defense must occur within the limits of the semester. Students with specialized research interests may consider petitioning to complete the two-semester research project (see HIST 494) which may be done in lieu of HIST 493. Prerequisite: 250. F, S.

### **494. Independent Senior Thesis (History Faculty)**

Students with specialized research interests may petition the Department to complete an independent senior thesis in lieu of HIST 493. In the first semester (HIST 491) of this two-semester project the student will engage in intensive background readings under the direction of a faculty member. In the second semester (HIST 494) the student will work with the same supervising professor in the writing of a substantial research paper. Students interested in pursuing HIST 494 must submit their research proposals to the Department no later than week twelve of the spring semester of the junior year and have the endorsement of the full-time member of the Department of History who will supervise the independent project. Prerequisite: 250 and departmental approval. F, S.

### **495. Apprenticeships**

The Historian (Phi Alpha Theta journal) offers apprenticeship opportunities in the journal's Book Review Section; contact Dr. Spall. The Newberry Library (Chicago), the Cloisters (New York City), and the Delaware (Ohio) Historical Society, as well as the Beeghly Library and Archives, have provided stimulating experience for history students in library, archival, and editing activities. Other possibilities may be suggested. Students apply in department office. F, S, Summer.

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# Majors and Courses of Instruction

## *Humanities-Classics*

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### **Humanities- Classics**

Professors Biehl, Kent, Lateiner  
Assistant Professors Fratantuono, Merkel

Humanities-Classics offers students a unique opportunity to pursue courses in western and non-western comparative literatures and cultures, often combined with a study of visual and other arts. The department offers an array of courses with varied focus: for example, thematic courses (folkheroes, love, gender, rites of passage), genre courses (tragedy, comedy), and period courses (Ancient Rome, Medieval, Modern, and Post-Modern) in the traditional Great Books and in other creative masterpieces (architecture, art, and music). The Hellenic, Roman, Hebraic, and Italian Renaissance traditions are fundamental to this study of Western civilization. The lasting achievements of Homer, Sappho, Cicero, the Bible, and later writers such as Dante, Cervantes, Shakespeare, Tolstoy, Kafka, Calvino and Cixous continue to provoke, stimulate, and challenge contemporary thought.

In the non-Western tradition, Humanities-Classics embraces the extraordinary wealth of ancient and recent texts from India, Africa, Latin America, the Middle East and the Far East that have become essential for an educated citizenry in the world today. Courses are therefore structured to encourage students to compare the values and artistic strategies of different traditions, and to observe different formulations of enduring questions regarding freedom and constraint, love and sexuality, self-knowledge and duty. Works from India (Arundhati Roy), from Africa (Achebe), from Latin America (Borges), from the Far East (Basho) extend our knowledge of world literature. We offer comparative literature courses in which topics, perspectives, and problems in various ethnic and literary traditions widen the field of vision. Many of these courses question traditional canons and hierarchies constructed both long ago and in recent decades.

Humanities-Classics also offers instruction in Greek and Latin languages and literatures at all levels, from elementary to advanced. Within the first two years, the student reads the epics of Homer, the tragic lyrics of Euripides, the dialogues of Plato, the antic elegies of Ovid, etc., **in the original languages**. The study of Greek or Latin provides a basis for independent insights into ancient Mediterranean languages and societies, which are significant sources of current American concepts in social and political thought. Humanities-Classics courses in archaeology and cultural history extend the student's reach into the ancient Mediterranean world. Related courses in antiquity are also offered by the departments of fine arts, history, philosophy, and religion.

Majors and minors in this department confront the past and the present, and analyze American and many other cultures. The past shapes the present through its fiction, non-fiction, images, art, music, and perceptions of humans and their societies. As an integral and fundamental part of the liberal arts curriculum at Ohio Wesleyan, the Humanities-Classics curriculum prepares our students for all areas of humanistic study in the university and beyond.

**The Major in Humanities-Classics** is interdisciplinary, requiring 10 courses distributed as follows: (1) three courses in Humanities-Classics numbered 100-230; (2) three courses in Humanities-Classics numbered 231-299; (3) three courses in Humanities-Classics numbered 300-399; and (4) one course in Humanities-Classics numbered 400 or above.

Majors may substitute two upper-level cognate courses from other departments for Humanities-Classics courses numbered 231-399. These courses should include subject matter directly related to material treated in the Humanities-Classics courses that the student has completed.

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# Majors and Courses of Instruction

## *Humanities-Classics*

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Majors should arrange their course selection in such a way that they are able to concentrate in a historical period, a literary genre, an intellectual theme, a national literature, or a major author.

No course taken credit/no entry may be counted toward the major.

Students wishing to **major in Classics** may do so under the Humanities-Classics rubric.

The major in Classics (**Ancient Greek, Latin, or both**) develops skills in the reading of simple and complex texts and the understanding of the major civilizations of Antiquity through their original languages. The immediate study of Homer, Sappho, Plato, and the Gospels (as well as Aristophanes, Herodotus, Theocritus, Plutarch, and Longus) produces insight, pleasure, and appreciation of the Greek civilizations that formed our own. For the Romans' multicultural world, students read in the original the various literary products of Plautus, Cicero, Catullus, Vergil, Livy, Ovid, and Tacitus.

Familiarity with Greek and Roman literature and thought helps majors in ancient, medieval, and renaissance studies, as well as in art history, English history, religion, philosophy, and the romance languages. Knowledge of the ancient languages is necessary for graduate study in Classics, ancient history, and archaeology, and an essential aid to students planning to study law, medicine, comparative literature, art history, philosophy, religion, Indo-European linguistics, etc.

Study abroad in Rome, Florence, Athens, etc., is encouraged and sometimes supported through departmental travel funds. Archaeological excavation in distant corners of the Mediterranean world is also encouraged.

The major requires ten courses: six Greek or Latin language courses above the elementary level and four related courses in specific topics relating to the ancient world. Three of these must be in the Classics section of the Humanities-Classics department. For example, HMCL 122, 222, 250, 251, 310 or 320.

Upper-level courses in related departments (cognates) may be included in the major requirements and are encouraged for all students. For example, Art History 341, History 340 or 341, Philosophy 346 or 390, Religion 316 or 326, English 342/Theater 351.

**The Humanities Minor** consists of five courses: three unit courses from among those numbered HMCL 100-299; two unit courses from among those numbered HMCL 300-499. The latter two courses should be chronologically sequential, such as *The Modern Temper* and *Postmodernism*, or should reflect a chronological concentration, such as *Great Books of the Nineteenth Century* and *Great Books of Russia*.

**Classics courses:** Students explore the foundations of Western civilization in a curriculum teaching the original languages. The excitement, challenge, and profundity of Homer and Virgil, Plato and Tacitus, and other "Classics" in Greek and Latin will stimulate the students' thinking. Ancient Greek and Latin are desirable for undergraduate study of any aspect of the ancient world and necessary for graduate study in ancient history, philosophy, religion, and classical philology. They are also helpful for students planning careers in medical and legal fields or interested in language and literature.

**The Classics Minor** consists of five courses: a minimum of three unit courses beyond the elementary sequence in Latin and/or Ancient Greek language; and both HMCL 310 and 320. Cognate courses may be substituted for these required classics courses if the required courses are unavailable in the semesters left for the student in question.

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# Majors and Courses of Instruction

## *Humanities-Classics*

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### Courses

**122. Myth, Legend, and Folklore (Elias, Fratantuono, Lateiner, Merkel, Ross, Staff)**

Traditional cultures (indeed, all cultures) have stories, images, foods, clothes, sayings, music, dance, etiquettes, and other folkways that define them to themselves and to others. This introduction to folklore surveys gods, humans, animals, and even plants in the world of the Greeks and Romans, and other cultures, sometimes including Mesopotamian, Hebrew, Slavic, Scandinavian, African, African American, and American Indian. Topics include epic and comic heroes and monsters, tricksters and fools, creation, extinction (millennialism), and social hierarchies (by gender, class, race, etc.). Myth theory (for example, archetypes, psychoanalysis, and functionalism) may be included in particular sections. F, S.

**124. Love and Sexuality in Literature and the Arts (Elias, Lateiner, Staff)**

An introduction to development and influences of divine, Platonic and ancient Indian, and sexual love in music, literature, and the visual arts from ancient Indian, Hebrew and Greek civilizations to the 20th Century. The works and artists considered may include Song of Solomon, Hesiod, Sappho, Aristophanes' *Lysistrata*, *The Kama Sutra*, Plato's *Symposium*, *Catullus*, Boccaccio's *Decameron*, Shakespeare, Freud, Lawrence, Michelangelo, Monet, Picasso, Foucault, Marguerite Duras and others. F, S.

**127. Myth, Legend, and Folklore**

We read myths, epics, folktales and religious stories from the ancient cultures of the Middle East and Asia: Mesopotamia, Persia, Egypt, and India. The course is thus divided into four sections, and each section focuses on the cultural specificity of that region. Through a comparative examination of these different ancient cultures, we try to distinguish between opposing values and traditions, but also observe similarities and universally shared archetypes and themes wherever they occur.

**222. Archaeology of Ancient Greece and Rome (Fratantuono, Lateiner)**

The visible past, the material remains of vanished Mediterranean civilizations, excite the student and the tourist. The Greek polis and the Roman urbs organized labor, concentrated civic energies, and led to barely believable human monuments on the European, Near Eastern, and North African landscapes. Dwelling among such structures, grand and mean, decisively influenced the course of Western civilization. The history of archaeology, the classical landscape and cityscape, pots and temples, athletics and spectacles of violence, and trade and slavery provide some of the topics to be interpreted by stones, sherds, coins, and testimonia. S.

**226. Gender and Identity (J. Stone-Mediatore)**

A study of representations of gender and identity in literature, music, and the visual arts (including film and popular culture). Texts may include: Homer's *Iliad*, Euripides' *Bacchae*, Virgil's *Aeneid*, Augustine's *Confessions*, Hrotsvitha's *Selected Plays*, Castiglione's *The Book of the Courtier*, De Pizan's *Treasure of the City of Ladies*, Sand's *Indiana*, Puig's *The Kiss of the Spider Woman*, Anzaldua's *Borderlands/La Frontera: The New Mestiza*, Helibrun's *Toward a Recognition of Androgyny*. Recommended: 124. HUMS 226 is a Women's and Gender Studies core course.

**227. Rites of Passage (Kent)**

A study of the human life span with emphasis on the ways major authors from different nations treat the transitions from stage to stage: infancy, childhood, adolescence, adulthood, old age. The primary goal of the course is to enable students, through study of selected novels, essays, dramas, short stories, and poetry, to deepen their understanding of human development and to sharpen their perceptions of their own lives – past, present,

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# Majors and Courses of Instruction

## *Humanities-Classics*

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and future. In short, to help them “see life steadily and see it whole.” Readings will include Erikson’s *Childhood and Society*; Sophocles’ *Oedipus at Colonus*; Chekhov’s *The Cherry Orchard*; Montaigne’s *Essays*; Schwarzbart’s *Bridge of Beyond*, and Roy’s *The God of Small Things*. S.

### **250. The Ancient Novel (Lateiner)**

The world-view, fears, and fantasies of the Greeks and Romans. Prose fiction is the focus, but texts of similar tone and function will be read. Topics include romance, travel, freedom and slavery, divine interference in human affairs and chance, retreat from public life, and sexual identity. Texts include: Herodotus, Menander’s *The Grouch*, Theocritus’ *Idylls*, Petronius’ *Satyricon*, Heliodoros’ *Ethiopian Tale*, Longus’ *Daphnis and Chloe*, Apuleius’ *Golden Ass*. F.

### **251. Women in Antiquity (Fratantuono, Lateiner)**

(Alternate years. Not offered 2005-06)

A historical survey of women’s lives and roles in Lesbos, Sparta, Athens, Alexandria, and Rome. Topics will include political, economic, legal, medical, religious, familial, and artistic questions. Contrasts between various communities and various periods will be examined. Useful evidence includes: archaeology, inscriptions; prose works of history, law, medicine, and philosophy; drama; poetry by and about women. Serves as a core requirement in Women’s and Gender Studies.

### **255. The Devil, the Hero, and God (Biehl, Merkel)**

The human image, or the hero, as it is related to exterior forces of good and evil; God as sustaining power against the Devil as destroyer. Works to be read include Homer’s *Iliad*, Virgil’s *Aeneid*, Job, Dante’s *Inferno*, Goethe’s *Faust*, and Dostoyevsky’s *The Brothers Karamazov*. S.

### **260. Public Life and Private Lives (Biehl, J. Stone-Mediatore, Staff)**

The human condition as seen in the distinction between the social being and the individual. Works to be read include Aristotle’s *Ethics*, Sophocles’ *Antigone*, Plato’s *Republic* and *Apology*, Machiavelli’s *Prince*, Dostoyevsky’s *Crime and Punishment*, Ibsen’s *Enemy of the People*, Camus’ *Plague*, Warren’s *All the King’s Men*, Tolstoy’s *Death of Ivan Ilych*, and Mann’s *Death in Venice*. S.

### **265. Freedom and Constraint**

(Not offered 2005-06)

An inter-disciplinary study of the theme and representations of freedom and constraint in literary, psychological, political and philosophical works from various cultures. The many connotations of freedom will be drawn out through an examination of social, political, historical and gendered contexts. Authors read may include Sophocles, Freud, Nietzsche, Marx, Devi, Fanon, Selvadurai, Foucault, Wittig, and Cixous.

### **280. The Tragic Vision (Biehl)**

A study of men and women who heroically question and defy the darkest facts of human life: suffering, death, and necessity. Ancient, modern, and contemporary, the works trace significant changes in tragic character, situation, and concept. Readings may include Sophocles’ *Oedipus Rex*; Marlowe’s *Doctor Faustus*; Chekhov’s *The Three Sisters*; Seneca’s *Medea*; Boethius’ *Consolation of Philosophy*; Flaubert’s *Madame Bovary*; Unamuno’s *Abel Sanchez*; Mann’s *The Black Swan*; and Camus’ *The Stranger*.

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# Majors and Courses of Instruction

## *Humanities-Classics*

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### **285. Smiles and Laughter (Staff)**

(Not offered 2005-06)

Among the world's creatures, only humans laugh. Responses range from mild amusement to broad smiles, chuckles, and even painful laughter. Comedy encourages fantasy, provides an outlet for anxiety, and conceives the world in terms that affirm the human condition. Readings may include Aristophanes' *Clouds*, Plautus' *Haunted House*; Moliere's *Misanthrope* or *Tartuffe*; Chaucer; Boccaccio; Shakespeare; Voltaire's *Candide*; Shaw; Wilde; Ionesco; Gogol's *Nose*; Kundera. S.

### **290. Rogue's Progress: The Picaresque Experience (Merkel)**

(Not offered 2005-06)

An exploration of the meanings and implications of the literary term picaresque, used generally to describe a narrative relating the episodic adventures of a rogue or anti-hero. Special attention is given to the picaresque hero or heroine. Works may include *Lazarillo de Tormes*, *Don Quixote*, Dostoevsky's *The Gambler*, Mann's *Felix Krull*, Ilf and Petrov's *The Twelve Chairs*, Woody Allen's *Zelig*, and Nabokov's *Lolita*.

### **310. Literature and Thought of Ancient Greece (Lateiner)**

(Not offered 2005-06)

An introduction to the major works of Greek literature and the Greek contribution to epic and lyric poetry, tragic and comic drama, historiography, and philosophy. Homer, Archilochus and Sappho, Aeschylus, Sophocles, and Euripides, Aristophanes, Herodotus, Thucydides, and Plato constitute the basic texts. All works are read in English translation. Recommended: 122. F.

### **320. Literature and Thought of Ancient Rome (Fratantuono, Lateiner)**

An introduction to the most important authors of ancient Rome, including dramatists (Plautus, Terence, Seneca), lyric poets (Catullus, Horace), essayists (Cicero), epic poets (Lucretius, Vergil, Ovid), satirists (Horace, Juvenal), and historians (Livy, Tacitus). All works are read in English translation. Recommended: 122. S.

### **330. Medieval and Renaissance Thought (Biehl)**

An introduction to Western European thought during the Middle Ages and Renaissance. This course examines the emergence of spiritual and political ideals, humanism, and the attempts to synthesize classical and Christian traditions. Among the authors considered are Boethius, Benedict, Dante, Erasmus, Thomas Aquinas, Petrarch, Boccaccio, Machiavelli, Christine de Pisan. F.

### **350. Reason and Romanticism (Merkel, Staff)**

(Not offered 2005-06)

The course explores the notion of "cultural age" by examining literature, music, fashion, and philosophy during the Age of Enlightenment and the Romantic Rebellion. Students read Sterne's *Tristram Shandy*, Voltaire's *Candide*, Diderot's *Rameau's Nephew*, Goethe's *Sorrows of Young Werther*, Catherine the Great's *Oh, These Times!*, Lermontov's *A Hero of Our Time*, Pushkin's *Tales of Belkin*, *Queen of Spades*, and *Captain's Daughter*. All continental books are read in English translation.

### **360. Great Books of the Nineteenth Century (Merkel)**

Major literary works serve as an introduction to the century sometimes called the Age of Ideology and the Age of the Machine. Works of literature are presented in the context of the major cultural movements of the nineteenth century, such as Romanticism, Realism, Naturalism, and Symbolism. Students read Tolstoy's *War and Peace*, Flaubert's *Madame*



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# Majors and Courses of Instruction

## *Humanities-Classics*

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*Bovary*, Dostoevsky's *The Idiot*, Stendhal's *Red and Black*, Turgenev's *Fathers and Sons*, and plays of Anton Chekhov. S.

### **365. Modern Jewish Literature: A Study in Identity (Phillips)**

(Not offered 2005-06)

A study of the quest for identity and the need to preserve ethnic integrity by the Jewish people. Novels and short stories are read which raise the issue of what it means to be a Jew. The implications of accepting and rejecting one's Jewishness are explored in a variety of fictional contexts. The authors read are Saul Bellow, Isaac B. Singer, Elie Wiesel, Henry Roth, Chaim Potok, and Bernard Malamud. Historical and religious background material necessary to understand the literature is provided by class lectures.

### **370. The Modern Temper (Kent)**

An exploration of the modern temper as it is revealed in contemporary art and literature. Consideration will be given to those writers, including Joyce, Eliot, Mann, Kafka, Camus, and Malraux, who have given shape to the contemporary sensibility. Special attention will also be given to those artists and composers, including Picasso and Stravinsky, who reflect the modernist tradition. S.

### **375. Postmodern World Literatures (Staff)**

The literary phenomenon of "Postmodernism" is examined through the study of literatures from the second half of the twentieth century and the beginning of the new millennium. Readings focus on international, multicultural trends and provide a basis for the discussion of salient issues in Postmodern literatures, such as questions of language, fragmentation, exile, immigration, biculturalism, race, gender and marginality. We also look at the intersections between postmodernism, feminism, and postcolonialism. An introduction to contemporary literary theories is provided through supplementary readings and is used as a basis for reading and interpreting works of fiction. Authors include the following: Borges, Garcia-Marquez, Rushdie, Lispector, Cixous, Duras, Barthes, Calvino, Khatibi, Ben Jelloun, Derrida, Foucault, and Lyotard.

### **380. Great Books of Russia: The Russian Enigma (Merkel)**

(Alternate years. Not offered 2005-06)

This course presents Russian masterpieces in the context of Russian culture and history. We explore the reality of Russia as "one country, two continents," that is, as a Eurasian culture. Students study works by Russian monks, folk singers, poets, novelists, and film makers. Pushkin's *Eugene Onegin*, Gogol's short stories, Dostoevsky's *Poor Folk* and *The Devils*, Tolstoy's *Anna Karenina*, Bely's *Petersburg*, and Olesha's *Envy* are among works read.

### **490. Independent Study (Staff)**

### **491. Directed Readings (Staff)**

### **495. Apprenticeship**

### **499. Senior Seminar**

#### **499A. Senior Seminar: The Representation of Women in Literature: Women of Color. (Staff)**

Examination of literary and theoretical works by women of color from around the world in the context of third world and indigenous feminisms. Discussions will revolve around the commonalities and differences between Western mainstream feminism and "other" contemporary feminist and postcolonial positions. We will look at the various

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# Majors and Courses of Instruction

## *Humanities-Classics*

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intersections between gender and the politics of race, class, ethnicity, and religion. Readings include essays by Chandra Mohanty, Gayatri Spivak, Sara Suleri, bell hooks, Rey Chow, and other third world feminists and selected works of fiction by women of color from some or all of the following: Mexico, India, Pakistan, Iran, the Caribbean, S. Africa, China, and the U.S. This course is recommended for seniors who have previously taken some upper-level courses in women's studies, humanities, English, or philosophy and/or are prepared to undertake relatively sophisticated approaches to works of fiction and theory. Cross-listed as WS 499E. S.

### Classics Courses *Greek*

#### **110-111. Introduction to Classical Greek (Fratantuono, Lateiner)**

Basics of grammar, and then, readings in original texts as well as some oral and written exercises. Consideration of the culture and history of the areas in which Greek was spoken and written. Attention to Greek roots of English vocabulary. Useful for students of literature, history, philosophy, theology, and medicine.

#### **491. Directed Readings (Fratantuono, Lateiner)**

- A. Homer: *Iliad* or *Odyssey*
- B. Lyric Poets: Archilochus, Sappho, Pindar
- C. Aeschylus: *Agamemnon* or *Prometheus*
- D. Sophocles: *Oedipus Tyrannus* or *Euripides: Bacchae*
- E. Greek Historians: Herodotus, Thucydides, or Xenophon. F.
- F. Aristophanes: *Clouds* or *Birds*
- G. Attic Orators: Lysias and Demosthenes.
- I. Plato: *Apology*, *Crito*
- J. New Testament and other Hellenistic Prose
- K. Greek Novels: Longus and Heliodorus

### *Latin*

#### **110-111. Introduction to Latin (Fratantuono, Lateiner)**

Basics of grammar, and then, readings in original texts of moderate difficulty such as short poems of Catullus and passages of Cicero's prose. Oral and written exercises, also consideration of the culture and archaeology of the areas in which Latin was spoken. Consideration of the debt of our language to Latin. Useful for students in any field.

#### **225. Continuing Latin (Lateiner)**

Intensive review of essential vocabulary, grammar, and syntax leading to readings in poetry and prose. Roman culture, history, and archaeology supplement uncensored readings in the original. Literature of the republic and empire are studied. Prerequisite: 111 or its equivalent. F.

#### **491. Directed Readings (Fratantuono, Lateiner)**

- A. Roman Comedy: Plautus and Terence
- B. Cicero: Speeches and Philosophical Works.
- C. Catullus and Horace: Poetry of Love and Insult (Lyric). S.
- D. Cicero, Seneca, Pliny: Letters on Roman Society
- E. Roman Historians: Sallust, Livy, Tacitus.
- F. Virgil: *Aeneid* and *Eclogues*
- G. Ovid: *Metamorphoses* and Love Poetry
- I. Roman Satire: Horace, Martial, and Juvenal
- J. Roman Novels: Petronius *Satyricon*, Apuleius *Metamorphoses*. F.
- K. Medieval Latin

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# Majors and Courses of Instruction

## *International Business*

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### **International Business Major**

The international business major is an interdepartmental program designed to assist students in preparing for careers abroad or where knowledge of other cultures and languages is useful.

Students will select one geographic area of the world to focus on: Europe, Latin America, Asia, Africa, the Middle East or North America. The focus area should not be the same as the student's home area. The language, experience and area studies will all focus on the selected area.

An exception may be made to allow a student to focus within the home area if the student submits a group of courses that do not draw on the native language and homeland. For example, a student from China may choose to study Japan, if the language studied is Japanese, the area studies focus on Japan, not China, and the foreign experience is in Japan.

The successful completion of a broad interdisciplinary major such as international business requires considerable forethought and planning. Accordingly, students should declare their major by the end of their sophomore year. Further, students should have their proposed list of courses for the major approved by the chair of the economics department by the end of their sophomore year. There is no guarantee that students who apply after this time will be able to complete an approved major.

Students who already have knowledge of several areas of the world should major in economics with management concentration if they are interested in this mix of courses. International Business majors may not double major in accounting, economics, or economics with management concentration.

The major requirement has five components, each of which is an important part of the whole:

**Economics Courses:** ECON 110, 251, 252, 255 or 259, 372, and one additional course with an international emphasis (For example: ECON 300.4, 353, 370).

**Management Courses:** ACCT 217; MATH 105, 230 or PSYC 210; EMAN 210; 361, 376; and one elective EMAN course.

**Language Requirement:** Two units beyond the level of 111 are required, and may be taken from the offerings of the modern foreign languages department, the special languages program, and study abroad programs, or a combination of the above, as arranged by the student. Offerings at Ohio Wesleyan in languages such as Italian, Japanese, Russian, and Swahili are limited, so these languages can be used to satisfy this requirement only if the student completes the language study abroad or at another University.

Students who choose North America (United States and Canada) as their focus area, will meet the language requirement by taking English 105 and any two courses in American literature or writing courses as defined by the English department. Writing courses are limited to: ENG 260, 265, 310, 312, 314, 316, 318, 319, 480, 482. Other ENG courses do not count.

**Foreign Experience:** At least one semester of the undergraduate program must be spent in study abroad. Students should consult the Director of Off-Campus Programs for information on opportunities for study abroad, both in the summer and during the academic year. For students whose area of study is North America, this requirement is satisfied by their study in the United States.

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# Majors and Courses of Instruction

## *International Business* *International Studies*

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**Area Studies:** One course chosen from PG 360, PG 362, SOAN 111, GEOG 345; as well as two courses that increase one's knowledge of one of the following areas of the world: Europe, Latin America, Asia, Africa, the Middle East or North America. Whether taken here or abroad, these two courses may be from different disciplines. The area studies course, as well as the foreign experience and language must be directed to only one area of the world, and these courses must be approved in advance by the chair of the economics department who is responsible for administering the international business major.

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### **International Studies Major**

Students preparing for careers related to international studies and for graduate study in international relations programs, or who wish to pursue international studies as a field within the liberal arts tradition, may adopt an international studies major. The major will consist of at least 12 units including a core curriculum and a concentration in either general studies or area studies. An integrative Senior Seminar is required as part of the core curriculum. In addition, some proficiency in a foreign language is required. See the international studies brochure for a detailed description of the major. Copies are available in Elliott 211.

Each international studies student is strongly urged to spend one semester on either an approved program of study abroad or an approved international internship program. No course in the major program may be taken credit/no entry. One directed reading or independent study course may be substituted for an elective. Students are encouraged to undertake such study, particularly when it is interdisciplinary in nature.

An International Studies Committee comprised of four faculty members, one each selected by the departments of Economics, History, Politics and Government, and Modern Foreign Languages, must approve the student's precise program and subsequent modifications. Current committee members are Chairperson Sean Kay (Politics and Government); John Boos (Economics); Jeremy Baskes (History); and Kaaren Courtney (Modern Foreign Languages).

### **Core Curriculum**

The core curriculum consists of four units: PG 210, Global Issues, 360, International Politics, 499B, Senior Seminar in International Relations, and ECON 372, International Economics.

### **Concentrations**

Concentrations are offered in general international studies or in particular areas of the world. The latter concentrations occasionally involve one country.

### ***General International Studies***

Three units are specified: PG 362, ECON 353, and either HIST 380 or PG 361. Three elective units chosen from among: PG 344, 346, 361; HIST 352, 380 and possibly 377 or 378; ECON 357, 370; ECON 354/HIST 354. Two cognate units are chosen from among the humanities, including the art, English, humanities-classics, modern foreign languages, music, philosophy, religion, and theatre and dance departments. **Note:** A few courses are being revised, and electives may be modified. Contact program chairperson with any questions.

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# Majors and Courses of Instruction

## *International Studies*

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### Area Studies

Developing Countries Areas (including Asia, Africa, Latin America, and the Middle East). Three units are specified: ECON 353, SOAN 360, and PG 349 (Asia) or PG 344 (Africa) or PG 348 (Latin America) or PG 344 (Middle East). Three elective units are chosen to focus on the specific area from the economics, geography, history, politics and government, and sociology/anthropology departments. Two cognate units are chosen from the humanities, including the art, Black world studies, humanities-classics, modern foreign languages, music, and religion departments.

European Area. Three units are specified: PG 346, HIST 352, and either ECON 357 or ECON 356/HIST 354. Three elective units are chosen to focus on the specific country or area from the economics, geography, history, or politics and government departments. Two cognate units are chosen from the humanities, including the art, English, humanities-classics, modern foreign languages, music, philosophy, religion, and theatre and dance departments.

### Language

Two units beyond the level of 111 are required and may be taken from the offerings of the modern foreign languages department, the special languages program, and study abroad programs, or a combination of the above, as arranged by the student. Offerings at Ohio Wesleyan in languages such as Italian and Russian are limited, so these languages can be used to satisfy this requirement only if the student completes the language study abroad or at another university.

### Minor

Three units are specified: ECON 372, HIST 380, and PG 360. Three elective units are chosen, one unit each from three of the following four areas: (1) ECON 353, 357, 370; (2) HIST 320, 323, 324, 325, 331, 332, 333, 352, 354, 356, 357, 360, 362, 377, 378, 381; (3) PG 345, 346, 347, 361, 362; (4) SOAN 291, 292, 293, 294, 347, 348, 354, 360, 367; GEOG 330, 334, 345, 370, 400.1. One unit beyond the level of 111 is required in modern foreign languages. Students' courses should be complementary and approved in advance by the ISP Committee.

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# Majors and Courses of Instruction

## *Journalism*

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### Journalism

*Professor Regan*

Most journalism majors go into news work — on newspapers or the news staffs of television and radio stations. Some choose public relations or advertising — with agencies or corporations. Magazines and publishing attract others. Over the years, some have found the major useful preparation for law school. A few have gone into teaching at the high school or college level. Because journalism must prepare “generalists,” its emphasis on good writing prepares graduates for an unusually wide array of careers.

### Majors

All majors must complete the following sets of requirements:

- (I) (A) At least 7.5, but no more than 10.5 units in journalism:  
All majors must take each of the following: JOUR 110, 341, 350, 355, 370, 378 or 375C, 381, and 499
- (B) The following courses in related areas:
  - (i) One course from ENG 265, 310 or 314.
  - (ii) At least one course from among the following: any ECON course, any EMAN course, ACCT 217, MATH 105 or 260, PG 279 or 359, PSYC 210 or SOAN 279.
  - (iii) At least one course from among the following: HIST 377, 378, 380, 381; PG 261, 350, 351, 352, 353, 354, 355, 356, 358, 361, 371, 373
- (II) An approved concentration of five full-unit courses outside journalism. NOTE: NO COURSE CAN BE USED TO SATISFY BOTH I and II.
- (III) Certified completion of one internship (JOUR 378) on campus. The internship **must** be completed by the end of the student’s **first** semester as a senior.

Limitations on Course Credit:

- All majors must meet the regular University distribution requirements. Courses required for the major may also be used to satisfy those distribution requirements.
- No required courses for the major may be taken credit/no entry.
- Although more than 10.5 units within the journalism program may be taken, only 10.5 units may be counted toward graduation.
- Credits beyond 1.5 units taken in JOUR 375-379 will not count toward graduation.

### Minor

Minors must complete at least 5.5 units in journalism, including 101 or 341, 110, 370, 378 or 375C, and two courses from among: 350, 355, 356, 381.

### Courses

#### **101. Introduction to the Mass Media (Regan, Staff)**

This course introduces students to the mass media — what they are, how they operate, what role they play in our lives, their history, social effects, and current practices. Subjects covered within this survey course may include: the development and history of mass communication, books, magazines, newspapers, film and motion pictures, the audio recording industry, radio, television, cable, satellite, new communication technology, advertising, and public relations. This course is not required of majors. SU, F.

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# Majors and Courses of Instruction

## *Journalism*

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### **110. Fundamentals of Journalism (Regan, Staff)**

An introduction to the field of journalism with emphasis on writing and reporting news stories, including elements common to all journalistic writing and fundamentals of both newspaper and broadcast news writing. Students write regular laboratory assignments in class. Required of all journalism majors and minors. Prerequisites: C- grade or higher in ENG 105 or course waiver and ability to type. Writing-intensive Course. F, S.

### **341. Journalism History (Staff)**

Forces and issues, people and events that have contributed to and been affected by the development of America's free press. Emphasis is on acquainting students with the heritage of the media and relating that heritage to the political, social, economic, and technological development of the United States. F.

### **350. News Writing, Reporting, and Ethical Decision-Making (Regan)**

The course involves reporting, writing and ethical decision-making. Exercises in writing, interviewing, and observation are included. Writing-intensive course. Prerequisite: C- grade or higher in 110 or its equivalent. F.

### **355. Editing (Staff)**

Techniques of editing for the print media, primarily newspapers. Includes editing copy, writing headlines, using pictures on the printed page, designing pages, and packaging the news. Some laboratory work on the student paper is required. Intensive in-class lab work. Prerequisite: C- grade or higher in 110 or its equivalent. S.

### **356. Television News (Regan)**

Reporting, writing, and presenting the news on television. Intensive laboratory work in television news writing, reporting, and production and assignments for Delaware Cable News. S.

### **360. Advertising (Staff)**

A survey of the field of advertising, including the use of advertising media, the creative processes of advertising, and the social role of advertising. Prerequisite: consent of department. F.

### **361. Public Relations (Staff)**

The breadth and variety of the profession, including corporate, institutional, and non-profit public relations. Emphasis is on case studies and projects developing abilities in using the tools of public relations: releases, features, brochures, house organs, printing, graphic design. Prerequisite: consent of department.

### **370. Media Law (Staff)**

Legal and ethical considerations in journalism and related fields. Subjects include free press issues, the law of libel, privacy, copyright, access to information, journalists' relationship to the courts, and the regulation of broadcasting and advertising. Majors should complete this course during their junior year. F.

### **375A. Newspaper Editing (0.5 unit; Staff)**

Students holding editorial positions on *The Transcript* newspaper are eligible for this course. Requirements include satisfactory performance in news position, regular attendance at weekly critique sessions. Enrollment on a satisfactory/no entry basis only. No more than 1.5 units of credit may be earned from any combination of courses in the following group: 375-379. Prerequisite: JOUR 110 and consent of instructor. F, S.

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# Majors and Courses of Instruction

## *Journalism*

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### **375B. Newspaper Management (0.5 unit; Staff)**

Students holding management positions on *The Transcript* are eligible for this course. Requirements include satisfactory performance in management position, regular attendance at weekly critique sessions. Enrollment on a satisfactory/no entry basis only. No more than 1.5 units of credit may be earned from any combination of courses in the following group: 375-379. Prerequisite: consent of instructor. F, S.

### **375C. Newspaper News Reporting (0.5 unit; Staff)**

Students arrange to do a reporting project or series of news assignments for *The Transcript* as approved by the instructor. **Graded** — based on performance on assignments. No more than 1.5 units of credit may be earned from any combination of courses in the following group: 375-379. Prerequisite: 110 and consent of instructor. F, S.

### **378. Campus Internship (0.5 unit; Staff)**

News work for *The Transcript*. Graded satisfactory/no entry. No more than 1.5 units of credit may be earned from any combination of courses in the JOUR 375-379 series. Prerequisite: 110 and consent of the instructor.

### **379. Off-Campus Internship (0.5 unit; Staff)**

News work for professional news organization; does not include PR or advertising. Requirements: A) students engage in news work; B) put in 200 hours during the summer, 150 hours during the academic year; C) student must obtain letter from supervisor stating that student performed work satisfactorily and worked at least the required number of hours. No more than 1.5 units of credit may be earned from any combination of courses in the JOUR 375-379 series. Prerequisite: permission of **department chair**. Graded satisfactory/no entry.

### **381. Advanced News Writing and Reporting (Staff)**

Advanced reporting techniques for both print and broadcast journalism students, including covering issues in government, business, emphasis on computer-assisted reporting skills, polling data, and the human side of news coverage. Recommended that students take this course in their junior year. Prerequisite: 350. S.

### **382. Special Topics in Journalism (0.5 unit; Staff)**

Techniques in specialized areas of journalism.

### **383. Investigative Reporting (0.5 unit; Staff)**

Advanced and specialized work in the research and reporting of complex organizations, societal trends and influences, and disparities between public policies and practices. Material includes developing ideas, strategies for research, document searching and investigation, interviewing techniques, ethics and writing. Prerequisite: 350.

### **384. Critical and Persuasive Writing (0.5 unit; Staff)**

Advanced and specialized work in commentaries, editorials, and reviews. Material includes critical analysis, research, and persuasive development of thought. Prerequisite: 110 or equivalent and consent of instructor.

### **385. Feature Article Writing (0.5 unit; Staff)**

Advanced and specialized work in the development of long-form presentations for newspapers and magazines. Prerequisite: C- grade or higher in ENG 105 or course waiver and consent of instructor.



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# Majors and Courses of Instruction

## *Journalism*

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### **386. Experimental Topic (0.5 unit; Staff)**

#### **490.\* Independent Study (Staff)**

Special individual projects. Prerequisite: consent of instructor. F, S.

#### **491.\* Directed Readings (Staff)**

Prerequisite: consent of instructor. F, S.

#### **495.1 Apprenticeship (Staff)**

On-Campus. Limited to editor or managing editor of The Transcript and general manager of WSLN or Delaware Cable News. Weekly journal and periodic meetings with faculty. Graded satisfactory/no entry.

#### **495.2\* Apprenticeship (Staff)**

Off-Campus. Meet requirements for J379 plus special project or journal of 25-30 pages. Special project must be approved by faculty member. Prerequisite: permission of department chair. Graded satisfactory/no entry.

#### **499. Senior Seminar (Regan)**

Current issues involving the media. Prerequisites: 370 for majors and consent of instructor for non-majors. S.

\* — Course must be approved by the department chair. It is the responsibility of the student to develop a written proposal with his or her faculty member for the chair to review.

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# Majors and Courses of Instruction

## *Latin American Studies*

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### **Latin American Studies**

*Faculty Committee: Jeremy Baskes, LAS Director (History); Donald Lenfest (Modern Foreign Languages); James Franklin (Politics and Government); Mary Howard (Sociology/Anthropology); Juan Armando Rojas (Modern Foreign Languages)*

Latin America is a culturally rich and diverse region shaped by the meeting of Amerindian, African, and European peoples. The Latin American Studies major will provide students with an interdisciplinary framework for studying the societies of this varied and complex region. Students will be exposed to the perspectives and methodologies of multiple academic fields, and will develop a more profound political, social, historical, economic, and cultural knowledge of the region than could be realized in a single department.

### **Major**

**Core Classes:** Students must complete PG 348; four of the following history courses (HIST 115, 331, 332, 333, 334, or 335); and Spanish language coursework or placement through SPAN 254/255 plus two of the following (SPAN 300.4, 352, 362, or 364).

**Cognate Courses:** Three of the following courses selected from at least two different departments. ECON 353, 372; GEOG 345; PG 344, 361; PHIL 310; REL 352; SOAN 295, or 360. In cognate classes, students are expected to complete their assignments on Latin America whenever possible.

Participation in an off-campus study program in a Spanish or Portuguese speaking country, preferably in Latin America: Students are encouraged to spend at least one semester abroad, but an approved summer program can be substituted. With prior approval, students may apply up to three off-campus courses towards major requirements, the allocation of which will be determined by the LAS board.

A senior thesis of roughly 25-30 pages: This research paper may be completed as part of a course in which the student is enrolled or as an independent project with a faculty member. Regardless, the paper topic must be approved in advance by the LAS board and will be read and evaluated by a panel of three or more faculty members from at least two departments.

### **Minor**

**Core Classes:** Students must complete PG 348; two of the following history courses (HIST 115, 331, 332, 333, 334, or 335); and two Spanish courses beyond the level of SPAN 111.

**Cognate Classes:** One of the following courses: ECON 353, 372; GEOG 345; PG 344, 361; PHIL 310; REL 352; SOAN 295, or 360. In cognate classes, students are expected to complete their assignments on Latin America whenever possible.

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# Majors and Courses of Instruction

## *Mathematics and Computer Science*

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### **Mathematics and Computer Science (Including Statistics)**

*Professor of Computer Science Zaring*  
*Professor of Mathematics Schwartz*  
*Professors of Mathematics and Computer Science Nunemacher, Wiebe*  
*Associate Professor of Mathematics Radloff*  
*Assistant Professor of Computer Science McCulloch*  
*Associate Professor of Mathematics and Statistics Linder*

The department offers majors in computer science and in mathematics. In addition, the mathematics major can be designed to include a concentration in statistics. The department also offers the computer science 3-2 option major for those students planning to pursue a combined-degree pre-engineering program (see also the *Catalog* section “Combined-Degree Programs” for general information on pre-engineering programs).

The department provides courses for students anticipating graduate work in computer science, mathematics, and statistics, and for those wishing to use the mathematical sciences as a tool, those wishing to teach, and those who simply would like to know something about computer science, mathematics, or statistics.

Majors often take advanced courses in other departments directly complementing their studies in mathematics or computer science. Double majors with mathematics or computer science and a related area, such as economics or physics, are often undertaken. Upon graduation, recent majors have entered business, management science, statistical research, computing, actuarial work, environmental research, teaching, and graduate school in computer science, mathematics, philosophy, physics, economics, business, law, and medicine. Programs are tailored to the interests of the student with a minimum of courses specified. Potential majors and others interested should consult with any member of the department in planning their course work.

Students wishing to concentrate in computer science should contact Professor McCulloch, Nunemacher, Wiebe, or Zaring. Those wishing to concentrate in statistics should see Professor Linder. Those wishing to concentrate in secondary education should contact Professor Radloff, and those wishing to prepare for graduate study in mathematics should contact Professors Nunemacher, Radloff, or Schwartz.

### **Majors and Minors**

**Mathematics major:** 111, 210, 250, 270, 340 or 370, and a minimum of four additional mathematics courses numbered 230 or above. Also, CS 110 or equivalent knowledge of programming. It is suggested that MATH 250 be completed by the end of the sophomore year.

It is possible to do a concentration in statistics within the mathematics major. To obtain the major designation **Mathematics major (Statistics Concentration)**, one must complete a mathematics major and which includes 230, 340, 350, and either 360 or 365 (preferably both).

Some students complete a Mathematics major with the goal of being licensed to teach mathematics in secondary school. In order to meet the licensure requirements in Ohio these students must select 230 and 320 among their electives and also take 370.

Recommended courses to prepare for graduate school in mathematics include 330, 340, 370, 440, and 470. In particular, a strong preparation for graduate school will include more than the minimum number of courses required to complete the mathematics major.

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# Majors and Courses of Instruction

## *Mathematics and Computer Science*

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**Mathematics Minor:** 110, 111, 210, 250, 270 and any two courses numbered 230 or above. The student who plans to minor in mathematics is advised to plan a coherent program with a departmental faculty member.

**Computer Science Major:** MATH 110, 111, 250; CS 110, 210, 255, 270, 360, 380; and any three CS courses numbered 250 or above. (CS 110, 210, 270, and MATH 250 must be completed by the end of the sophomore year).

**Computer Science Minor:** MATH 110, 111, 250; CS 110, 210, 255 and any course numbered 250 or above.

**Combined Computer Science/Mathematics Major.** Students double majoring in mathematics and computer science are limited to 17 courses within the department among those counted toward the 34 units required for graduation.

**Computer Science 3-2 Option Major:** CS 110, 210, 255, and 270; 360 or 380; one additional course from CS 320, 340, 350, 355, 360, 370, 380, or 410; MATH 110, 111, 210, 250, and 280; PHYS 110 and 111; PHYS 275 or 375 (with PHYS 375 recommended); CHEM 110 and 111. In addition, successful completion of a major in an engineering discipline different from computer science (with computer engineering being considered a discipline different from computer science) at the engineering school is also a requirement for the B.A. in computer science 3-2 option.

**SPECIAL NOTE:** Because of the organization of the engineering program at the California Institute of Technology, students electing to major in computer science 3-2 option cannot elect to complete their 3-2 program by attending the California Institute of Technology.

### Courses for Non-Majors

The department offers a number of courses specifically as a service to non-majors who seek training in mathematical sciences. These include MATH 105, a course in elementary probability and statistics that includes computer experience, and which prepares students to read the increasingly quantitative journals of the social and life sciences. Understanding Computing (CS 102) offers a broad, applications-oriented introduction to computing for students having no prior computing experience. Great Ideas in Mathematics (MATH 100.1) provides an introduction to modern mathematical ideas for students who will study no further mathematics. Precalculus (MATH 108) is for students who have a moderate mathematical background but not one sufficient to begin calculus immediately. The calculus courses (MATH 110, 111, and 210) are recommended for students who wish to continue the study of mathematics in college after a strong high school background. They are particularly important for any of the sciences and economics. Introduction to Computer Science and Programming (CS 110) provides a careful entry into the discipline of computer science and teaches programming in a high-level language.

### Courses

The faculty whose names appear with any specific course below should be regarded as the instructional leaders for the course, and inquiries about the course should be directed to them. However, they may or may not teach the course in a given year, since teaching assignments for most courses rotate among the entire staff.

### *Mathematics (MATH)*

#### **100.1 Great Ideas in Mathematics (Radloff)**

A course intended for non-majors which will emphasize the ideas of modern mathematics. Topics may include Number Systems, Infinity, The Fourth Dimension, Chaos and Fractals, Probability, and Chance. No credit can be awarded for this course after a student has passed any mathematics course above 111. S.

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# Majors and Courses of Instruction

## *Mathematics and Computer Science*

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### **103. Topics in Finite Mathematics (Staff)**

(Not offered 2005-06)

A selection of ideas and techniques appropriate for students who desire a general introduction to mathematics. Topics may include network theory, data analysis, geometry, symmetry, elementary number theory. Applications will be made to the social sciences. This course is not intended to prepare students to study calculus. F.

### **105. Basic Probability and Statistics (Linder)**

Organization and display of data; the meaning of probability, measures of dispersion, binomial and normal distribution, one and two sample methods, estimation and hypothesis testing, correlation and regression. The MINITAB statistical computing package is used to analyze data. Students may not count graduation credit for both MATH 105 and PSYC 210. This course cannot be taken after receiving credit for MATH 110 or above. Proficiency credit for MATH 110 or 111 may not be awarded after credit for MATH 105. F, S.

### **108. Precalculus Mathematics (Staff)**

This course is designed for students who wish eventually to take calculus but have insufficient mathematical background. It is expected that these students will have studied Algebra 2 and Geometry in high school. The course will emphasize the techniques and thought processes that are important in calculus. Principal topics: functions, graphs, exponentials and logarithms, trigonometry, mathematical reasoning, word problems. Use will be made of modern technology. Prerequisite: At least three years of high school mathematics, including two years of algebra and geometry. S.

### **110. Calculus I (Staff)**

A detailed treatment of the differential calculus and an introduction to the integral are presented. Symbolic algebra software is introduced and used. Applications to social, life, and physical sciences are included. Students wishing to major in mathematics or computer science are urged to take this course in the fall of the freshman year. F.

### **111. Calculus II (Staff)**

Continuation of 110. A thorough treatment of integral calculus, including the Fundamental Theorem of calculus. Transcendental functions, followed by a study of techniques of integration, polar coordinates, and infinite series. Computer symbolic algebra projects are included. Prerequisite: 110. F, S.

### **210. Multivariable Calculus (Nunemacher)**

Vectors and geometry of 3-dimensional space, partial derivatives, multiple integrals, and an introduction to vector analysis. Computer symbolic algebra projects are included. Prerequisite: 111. F.

### **230. Applied Statistics (Linder)**

Calculus-based introductory course in statistics. Exploratory data analysis, questions of causation, probability, continuous and discrete random variables, distributions of sums of random variables, confidence intervals, significance tests, use and abuse of tests, one and two sample procedures, inferences in linear regression, and analysis of variance. Students may not count graduation credit for both MATH 230 and MATH 105 or both MATH 230 and PSYC 210. Prerequisite: 110. S.

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# Majors and Courses of Instruction

## *Mathematics and Computer Science*

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### **250. Discrete Mathematics (Radloff)**

An introduction to mathematical reasoning and to the kind of mathematics appropriate for the study of properties of (possibly large) finite systems. Topics include proof techniques, mathematical induction, elementary number theory, combinatorics, relations, and graph theory. Applications will be made to the construction of models useful in the social and physical sciences and to the study of algorithms in computer science. Prerequisite: 111 F.

### **270. Linear Algebra (Radloff)**

Matrix algebra, finite dimensional vector spaces, linear transformations, determinants, eigenvalues, and applications. Prerequisite: 210 or permission of instructor. Recommended: 250. S.

### **280. Differential Equations (Schwartz)**

Study of first and second-order equations, numerical methods, and first-order systems. Applications to problems in the physical, life, and social sciences are emphasized. Computer software is used to support the study by providing enhanced symbolic, numerical, and graphing capability. Additional topics include certain prerequisites from linear algebra (as needed), and Laplace transforms. Prerequisite: 111. S.

### **310. Mathematical Logic (Nunemacher)**

(Not offered 2005-06)

A study of the foundations of mathematics and logical reasoning. Topics include propositional calculus, predicate calculus, properties of formal systems, completeness and compactness theorems, Godel's Incompleteness Theorem, and axiomatic set theory. Some attention will be given to related philosophical issues. Prerequisite: 250. Also listed as PHIL 371.

### **320. Geometry (Radloff)**

An introduction to the study of geometry, both ancient and modern. Topics will be chosen from Euclidean, affine, projective, elliptic, and hyperbolic geometries. Some time will be spent on axiomatics and the history of geometry. Tools such as matrices and groups will be developed as they are needed for the study of geometric problems. Prerequisite: 250. F.

### **330. Complex Variables (Nunemacher)**

A study of analytic functions, power series, complex integration, conformal mapping, and the calculus of residues with applications to physical science. Prerequisite: 210 and one course numbered 250 or above. F.

### **335. Vector Analysis and Geometry (Nunemacher)**

(Not offered 2005-06)

Advanced calculus of functions of more than one variable. Topics include the geometry of Euclidean space, vector fields, line and surface integrals, curvature and differential geometry. Prerequisite: 210.

### **340. Analysis I (Schwartz)**

(Not offered 2005-06)

Rigorous development of the topology of the real line, theory of metric spaces, and the foundations of calculus. Attention is given to constructing formal proofs. Prerequisite: 210 and 250. Recommended: 270. F.

### **345. Special Topics in Mathematics (Staff)**

A course of varying content reflecting the needs and interests of students.

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# Majors and Courses of Instruction

## *Mathematics and Computer Science*

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### **350. Probability (Schwartz)**

An introduction to the major topics of probability including sample spaces, conditional probability, discrete and continuous random variables, expectation and variance, and limit theorems (law of large numbers, central limit theorem). Time permitting, topics in stochastic processes or statistics are introduced. Prerequisite: 210. F.

### **360. Mathematical Statistics (Linder)**

Sampling distributions, derivation of distributions, proof of the Central Limit Theorem, methods of estimation, hypothesis testing, uniformly most powerful tests, estimation in multiple regression, nonparametric methods, experimental design. Prerequisite: 230, 270, and 350. S.

### **365. Special Topics in Statistics (Linder)**

A course of varying content reflecting the needs and interests of students.

### **370. Abstract Algebra (Radloff)**

Introduction to the algebraic systems of groups, rings, and fields; with applications. Attention is given to the construction of formal proofs. Prerequisite: 250, 270. F.

### **380. Applied Mathematics (Wiebe)**

(Not offered 2005-06)

Selected topics in ordinary and partial differential equations including Sturm-Liouville problems, Fourier series, Laplace transforms, boundary value problems, and special functions of mathematical physics. Prerequisite: 210 and 280.

### **385. Numerical Analysis (Nunemacher)**

(Not offered 2005-06)

A survey of numerical mathematics and continuous algorithms. Topics may include number representation, error analysis, finding roots of equations, interpolation, numerical differentiation and integration, solving system of linear equations, and numerical methods for differential equations. Prerequisite: 210, 270, CS 110.

### **440. Analysis II (Schwartz)**

(Not offered 2005-06)

An advanced analysis course considering topics such as Lebesgue measure and integration, Hilbert and Banach spaces, Fourier series, and topology. Prerequisite: 340.

### **470. Abstract Algebra II (Radloff)**

(Not offered 2005-06)

Continuation of 270 and 370. Topics may include further group theory, field and Galois theory, and linear algebra topics such as Jordan normal form. Prerequisite: 370.

### **490. Independent Study in Mathematics (Staff)**

Independent study of a topic in advanced mathematics under the guidance of a faculty member. Individually arranged.

### **491. Directed Readings (Staff)**

Reading in advanced mathematics under the guidance of a faculty member. Individually arranged.

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# Majors and Courses of Instruction

## Mathematics and Computer Science

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### *Computer Science (CS)*

#### **499. Seminar (Staff)**

Intensive study of a topic selected by the faculty member in charge with presentations by students. Recent topics have included chaos, stochastic processes, combinatorics, experimental design, number theory, and curves and singularities. S.

#### **102. Understanding Computing (Staff)**

An introduction to the uses of computers as problem-solving tools. Topics include: the synthesis, analysis, and visualization of information; the construction of models of real-world systems and organizational activities; the history of computing; the impact of computers on society. A variety of applications programs (spreadsheets, database management systems, etc.) will be introduced. This course is not intended for students with a major or minor in computer science or mathematics. This course may not be taken for credit after receiving credit for any course numbered CS 110 or above. F, S.

#### **110. Introduction to Computer Science and Programming (Staff)**

An introduction to the fundamental concepts and abstractions of computer science, using a study of algorithms and computer programming as a vehicle. Topics include: the design, implementation, and application of algorithms; the uses of abstraction; the modelling and representation of values and entities; control flow and modularity. A high-level programming language is introduced and used. F, S.

#### **210. Intermediate Computer Science and Data Structures (Zaring)**

A continuation of the study of abstraction, algorithms, and computer science. Concepts related to the design, analysis, and implementation of more advanced abstract data types (lists, stacks, queues, trees, graphs, etc.) are covered in detail. Prerequisite: 110. S.

#### **255. Computer Organization (McCulloch)**

The organization and inner-workings of computer systems are covered in some detail, with an emphasis on the relationships among the various levels of hardware and software found in such systems. Attention is focused both on general concepts and on case studies of specific systems. Assembly language programming is introduced. Prerequisite: 110 and 210 or consent of instructor. F.

#### **270. Paradigms of Computation (Zaring)**

An introduction to the fundamental and emergent paradigms, both formal and pragmatic, of algorithms and computation. Topics include basic automata theory, functional programming, object-oriented design, and concurrent/parallel programming. The Scheme programming language is introduced. This course cannot be taken for credit after receiving credit for CS380. Prerequisite: 210, 255, MATH 250. S.

#### **310. Database Systems (Zaring)**

A study of the foundations, design, and implementation of database systems. Topics include data models, database design, query languages, database architectures, implementation issues, and case studies. Projects involving implementations of or use of database systems are required. Prerequisites: 210, 270 or consent of instructor, MATH 250. F.

#### **320. Computer Systems and Architecture (McCulloch)**

(Not offered 2005-06)

A detailed discussion of the architecture of computer systems, including studies of data- and control-paths, memory systems, and parallel/distributed systems. Programming and digital-circuit design projects may be required. Prerequisite: 210, 255, MATH 250.



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# Majors and Courses of Instruction

## *Mathematics and Computer Science*

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### **340. Artificial Intelligence (McCulloch)**

(Not Offered 2005-06)

An introduction to issues surrounding machine intelligence. General topics include knowledge representation, searching, reasoning, learning, and planning. Specific problems drawn from areas including computer game playing, theorem proving, natural language processing, expert systems, and robotics will be addressed. Programming projects in LISP, Scheme, Prolog, or related languages are required. Prerequisite: 210, 270, MATH 250.

### **350. Operating Systems (Wiebe)**

(Not Offered 2005-06)

The fundamental concepts of resource management in operating systems. This includes process management, storage management, device management, and networking issues. Case studies of actual operating systems will be presented. Prerequisite: 210, 255, MATH 250.

### **355. Computer Networking and Communications (Wiebe)**

Practical and theoretical aspects of computer networking and communications are covered (using the Open Systems Interconnection Reference Model as a unifying framework), with reference to actual implementations of network protocols (e.g., TCP/IP and Ethernet). Network security and other topics of current interest are discussed. Prerequisite: 210, 255, MATH 250. S.

### **360. Algorithm Analysis and Design (McCulloch)**

A continuation of the study of data structures begun in CS 250 with emphasis on the design and analysis of algorithms. Also an introduction to questions of efficiency and NP completeness. Prerequisite: 210, 270, MATH 111, 250. F.

### **370. Programming Languages (Zaring)**

A systematic study of programming language design, analysis, and implementation. Relationships among languages, language properties and features, and formal notions of language semantics are considered. Major language paradigms (imperative, functional, object-oriented, logic programming, and others) are studied. Prerequisite: 210, 270, MATH 250.

### **380. Theory of Computation (Nunemacher)**

(Not Offered 2005-06)

A study of the formal theories underlying computer science. Topics include Turing machines, automata theory, recursive functions, computability, and formal languages. Prerequisite: 270 or consent, MATH 250. F.

### **390. Special Topics in Computer Science**

A course of varying content reflecting the needs and interests of students.

### **410. Compiler Theory and Design (Zaring)**

(Not Offered 2005-06)

An investigation of compiler theory, design, and construction. Formal and practical issues in lexical analysis, syntactic analysis, semantic analysis (including type-checking and optimization), and code generation are covered. Substantial projects concerning implementation of working compilers are required. Prerequisite: 210, 255, 270, 380. S.

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## Majors and Courses of Instruction

*Mathematics and Computer Science*  
*Medieval Studies*

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**490. Independent Study (Staff)**

Independent study of a topic in advanced computer science under the guidance of a faculty member. Individually arranged.

**491. Directed Readings (Staff)**

Readings in advanced computer science under the guidance of a faculty member. Individually arranged.

**499. Seminar (Staff)**

Intensive study of a topic selected by the faculty member in charge with presentation by students.

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**Medieval Studies  
Major**

See the program and major requirements under Ancient, Medieval, and Renaissance Studies.

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# Majors and Courses of Instruction

## *Modern Foreign Languages*

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### **Modern Foreign Languages**

*Professors Bellocq, Courtney, Fete, Harper, Kent, Kremling, Lenfest, L. Wiebe*  
*Associate Professor Wolber*  
*Assistant Professor Arribas, Rojas*

“Language, aside from its character as a grammatical skeleton bequeathed by tradition, is at the same time a living body experience of a people’s form of life.” — Americo Castro

The curricula in the modern foreign languages are designed to develop skills in understanding, speaking, reading, and writing the language and to impart an appreciation of the civilization and literature of the areas where the language is spoken. For students of all languages offered, study abroad is desirable. Students majoring in French or Spanish are required to participate in an approved program of study abroad. Students majoring in Spanish normally attend the University of Salamanca program, which is directed by Ohio Wesleyan, during the fall semester (see course listings). Students majoring in German are urged to study abroad in one of the approved programs in a German-speaking area. Financial aid is available for the programs in Salamanca, Heidelberg, Munich, Paris, and for any approved GLCA study abroad program (see “Off Campus Study Programs”). The department strongly recommends that students minoring in a modern foreign language also participate in a foreign-study program. More detailed information is available in the departmental office and in the Off-Campus Study Office.

Students who have successfully met the language requirement may request permission to undertake tutorial study of languages not regularly offered by the University. See details under Special Language Program, pp. 54-55.

### **Majors**

**French Major:** At least nine semester units above the 111 level. No more than two units numbered below 300 may be counted toward the major. Students should normally take 350 or 351 before taking courses numbered 360 and above, at least two of which should be in literature. Normally no more than one independent study (490, 491) may be applied to the major.

**German Literature Major:** A minimum of nine units above the GERM 111 level. Five of them must be literature courses taught in German. Normally no more than two units may be taken as an independent or individually arranged course.

**German Studies Major:** A minimum of nine units above the GERM 111 level; 225, 254, and one course chosen from 352, 355, or 356; two additional courses taught in German, one of which must be in literature; the remaining four courses (which may be taken in other departments) to be selected with the advice and approval, before preregistration, of the faculty in German. Normally no more than two units may be taken as an independent or individually arranged course.

**Spanish Major:** At least nine units above the 111 level. No more than two units numbered below 300 may be counted toward the major. At least five courses must be taken at Ohio Wesleyan. Normally no more than one independent study (490, 491) may be applied to the major.

### **Minors**

**French Minor:** Six semester units above the 111 level. No more than two units numbered below 300 may be counted toward the minor. Students should normally take 350 before taking courses numbered 360 and above. Normally no more than one independent study (490, 491) may be applied to the minor.

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# Majors and Courses of Instruction

## *Modern Foreign Languages*

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**German Literature Minor:** A minimum of six units above the GERM 111 level. Three of them must be literature courses taught in German. Normally no more than one unit may be taken as an independent or individually arranged course.

**German Studies Minor:** A minimum of six units above the GERM 111 level: 225, 254, and one course chosen from 352, 355, or 356; two additional courses taught in German, one of which must be in literature; and at least one additional course (which may be taken in another department) to be selected with the advice and approval, before preregistration, of the faculty in German. Normally no more than one unit may be taken as an independent or individually arranged course.

**Spanish Minor:** At least six semester units above the 111 level. No more than two units numbered below 300 may be counted toward the minor. At least four courses must be taken at Ohio Wesleyan. Normally no more than one independent study (490, 491) may be applied to the minor.

No modern foreign language course taken credit/no entry may be applied to a major or minor.

### French Courses

**110, 111. Beginning French (Staff)**

An introductory course emphasizing four basic skills: aural comprehension, speaking, reading, and writing. Consideration of the cultural and historic background of the areas where the language is spoken, and readings designed to introduce students to the cultures of the French-speaking world. The aim is to prepare students to speak and comprehend with some facility and to read texts of moderate difficulty. Emphasis is on class participation and active use of the language. F, S.

**115. Intensive French (2 units; Staff)**

(Not offered 2005-06)

An intensive alternative to 110-111. The standard of expectation is equivalent to that in 110-111, and the emphases, aims, considerations, and design of readings are the same. This course meets for eight hours per week: six contact hours with the instructor, and two contact hours with the preceptor (student assistant).

**225. Intensive Grammar Review (0.5 unit; Bellocq, Wiebe)**

An in-depth review of the major points of French grammar with an emphasis on its application through the development of writing skills. In-class conversation about selected readings improves oral skills and builds vocabulary. F, S.

**226. Intensive Grammar Review (0.5 unit; Bellocq, Wiebe)**

Continuation. F, S.

**241. French Language Practicum (0.25 unit; Wiebe)**

A conversation practicum in which cultural and language topics are used as substance for class programs and projects. Students are required to speak French. Students wanting to satisfy the Modern Foreign Language House requirement should enroll in 241 for the fall semester, 242 for spring semester. FREN 241 may be repeated once for a total of 0.5 unit, not to be counted toward the major or minor. Prerequisite: 225 or the equivalent. F.

**242. French Language Practicum (0.25 units; Wiebe)**

Continuation. FREN 242 may be repeated once for a total of 0.5 unit, not to be counted toward the major or minor. S.

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# Majors and Courses of Instruction

## *Modern Foreign Languages*

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**254. Composition and Conversation: Topics in French Culture I (0.5 units; Bellocq)**  
Development of listening, speaking, reading, and writing skills in French. Continuing grammar review with readings and film based on selected topics in French culture as well as short pieces of literature which illustrate aspects of France and her people from the Middle Ages to the present. Prerequisite: 225 or 226 or permission of instructor. F.

**255. Composition and Conversation: Topics in Francophone Culture (0.5 unit; Fete)**  
Development of listening, speaking, reading, and writing skills in French. Continuing review of grammar with readings and films based on selected topics in the cultures of French-speaking Africa, the Antilles, and Canada. Prerequisite: 225 or 226 or permission of instructor. S.

**256. Composition and Conversation: Topics in French Culture II (0.5 unit; Bellocq)**  
Continuation of 254. F.

**257. Composition and Conversation: Topics in Francophone Culture II (0.5 unit; Fete)**  
Continuation of 255. S.

**258. The French Spirit: Great Works of French Literature in Translation (Courtney)**  
An exploration of French thought as it is presented in literary works from the Renaissance to the present. Students study works which raise issues about the human condition as perceived by such authors as Montaigne, Racine, Molière, Voltaire, Rousseau, Flaubert, Balzac, Proust, Sartre, Camus, and Duras. The course is designed for students who wish to explore this literature in their own language. No knowledge of French required. May not be counted toward the French major or minor. F.

**259. Introduction to Themes in Modern Literature and Film in Translation**  
An exploration of texts and films from French-speaking cultures. Course texts, topics, and films are selected thematically to introduce students to the comparative study of literatures of different traditions. No knowledge of French required. May not be counted toward the French major or minor.

**350. Foundations of French Literature (Wiebe)**  
Introduction to analysis of French literature. Emphasis is on critical reading of and writing about texts selected from major literary works from the French tradition. Students become familiar with the intellectual issues and cultural traditions which have defined French literature and are introduced to and practice a variety of modes of written and oral literary analyses. Texts will be selected from among such authors as Ronsard, du Bellay, Madame de Lafayette, Voltaire, Flaubert, Sartre, and Duras. Normally 350 is prerequisite for all courses numbered 360 and above. Prerequisite: 254 or 255 or permission of instructor. F.

**351. Introduction to French Literature (Wiebe)**  
Introduction to the major trends in French literature from the Middle Ages to the present. Reading and analysis of works by such authors as Montaigne, Racine, Madame de Sevigne, Moliere, Voltaire, Rousseau, Baudelaire, Proust, and Camus. Normally prerequisite for courses numbered 360 and above. Prerequisite: one course from 254/256, 255/257, or 350 or permission of instructor. S.

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# Majors and Courses of Instruction

## *Modern Foreign Languages*

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### **354. Phonetics (Fete)**

(Not offered 2005-06)

Systematic study of the French sound system with correction of pronunciation.

Prerequisite: 350 or permission of instructor. F.

### **364. The Classical Heritage (Courtney)**

(Not offered 2005-06)

Selected works from the Middle Ages to the present that exhibit concern for form, restraint, and precision in both concept and expression. Special emphasis is given to authors of the 17th and 18th Century "classical period" such as Corneille, Molière, Racine, Lafayette, Sevigne, Voltaire, and Diderot. However, the course also treats Medieval, Renaissance, 19th and 20th century authors whose style and focus mark them as conforming to the classical tradition. Prerequisite: 350 or 351 or permission of instructor. F.

### **365. The Rebellious Spirit (Bellocq)**

(Not offered 2005-06)

In revolt, complaint, satire, cynicism, and exuberance, French letters bear witness to a tradition of counterpoint to what is perceived as an official point of view. This course focuses on literary expression from the Middle Ages to the present with particular emphasis on such authors as Villon, Labe, Rousseau, LaFontaine, Celine, Vian, and Houellebecq. Prerequisite: 350 or 351 or permission of instructor. S.

### **371. Topics in Prose of the Modern Period (Bellocq)**

(Not offered 2005-06)

This course addresses the development of prose fiction in French literature during the nineteenth and twentieth centuries. Masterpieces of the French novel and stories from such authors as Balzac, Flaubert, Zola, Proust, Gide, Camus and Duras will serve as focus of the course with some attention to literary essays and popular fiction of the same period and the traditions that informed them. Prerequisite: 350 or 351 or permission of the instructor. S.

### **372. The Dramatic Traditions of the Modern Period (Courtney)**

The major plays, especially of the 19th and 20th centuries. Representative authors such as Hugo, Musset, Sartre, Camus, Ionesco, Genet, Beckett, Duras, and Sarraute. Prerequisite: 350 or 351 or permission of instructor. F.

### **378. French Civilization (Staff)**

(Not offered 2005-06)

An integrated study of the civilization of France. Special attention is given to political development, historical trends, and the evolution of arts, literature, and the sciences. Readings and discussion focus on such topics as regionalism, centralization, the rise and fall of the monarchy, intellectual history, architecture, and art and literature as a reflection of contemporary society. Prerequisite: 350 or 351 or permission of instructor.

### **379. Civilization of the Francophone World (Fete)**

An integrated study of the civilizations and language of French-speaking areas outside metropolitan France, including North and Sub-Saharan Africa, the Antilles, and Canada. Special attention is given to the evaluation of art, literature, the oral tradition, and political developments (including colonialism and its aftermath) reflected in selected texts. From readings and discussion emerge such themes as written and popular language, dilemmas posed by modernization and official culture, and struggles for Black, Moslem, Caribbean and Quebecois identity, authenticity, cultural recognition, and independence. Prerequisite: 350 or 351 or permission of instructor. S.

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# Majors and Courses of Instruction

## *Modern Foreign Languages*

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### **382. Romance Linguistics (Lenfest)**

(Not offered 2005-06)

A discussion of the nature of language, the science of linguistics, the production of sounds, the nature of grammatical systems, the evolution of language, the Indo-European family of languages, the Italic sub-grouping, Latin and the Romance languages with special attention given to the evolution of French, Spanish, and Italian. Students are expected to learn general principles of language change and to apply them to specific problems. Also listed as SPAN 382. F.

### **490. Independent Study (Staff)**

Guided research on a topic in French. Advance consultation with the supervising faculty member is required before pre-registration. F, S.

### **491. Directed Readings (Staff)**

A reading program in French. Advance consultation with the supervising faculty member is required before pre-registration. F, S.

### **499. Seminar: Special Topics in French (Staff)**

(Not offered 2005-06)

Seminar on topics of interest to advanced French students. Prerequisite: one course numbered 360 or above, not including 382, or permission of instructor. May be repeated once. S.

## German Courses

### **110, 111. Beginning German (Kremling, Wolber)**

An introductory course emphasizing four basic skills: listening, speaking, reading, and writing. Consideration of the cultural and historic background of the areas where the language is spoken, and readings designed to introduce students to German culture and literature. The aim is to prepare students to speak and comprehend with some facility and to read texts of moderate difficulty. Emphasis is on class participation and active use of the language. F, S.

### **225. Continuing German (Kremling, Wolber)**

An intermediate course that includes an intensive review of Beginning German. Conversational practice, vocabulary building, practice in writing short compositions. Readings and discussion of selected prose and poetry to prepare the student to read German literature and contemporary magazines and newspapers. Prerequisite: 111. F, S.

### **254. Conversation-Composition (Kremling, Wolber)**

Extensive and intensive practice in speech patterns and idioms used in the German language. Frequent themes on various topics to develop facility in spoken and written German. Prerequisite: 225. F, S.

### **352. German for Business (Wolber)**

(Every third year. Not offered 2005-06)

Further development of the acquired communicative skills with focus on their practical application in commerce. Emphasis on comprehension and analysis of materials taken from recent German-language publications. Prerequisite: 254.

### **355. Advanced Readings in Nonfiction (Wolber)**

(Every third year. Not offered 2005-06)

Reading of texts representative of present-day German nonfiction. Each student has the opportunity to read materials in his or her major field of interest. Especially recommended for students anticipating graduate study and research. Prerequisite: 254.

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# Majors and Courses of Instruction

## *Modern Foreign Languages*

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### **356. History of German Civilization (Wolber)**

Survey of German cultural history to the present. Prerequisite: 254. S.

### **361. The German Novella (Kremling)**

(Every third year. Not offered 2005-06)

Reading and interpreting novellas by masters of German literature of the 19th century. Prerequisite: 254.

### **363. The Age of Goethe (Wolber)**

(Every third year. Not offered 2005-06)

The more important prose and poetry of Goethe and some of his contemporaries. Intensive readings from Goethe's lyrics and ballads and of plays and prose writing representative of the classical period. Prerequisite: 254.

### **365. 20th Century German Literature (Kremling)**

(Every third year. Not offered 2005-06)

The main currents of German thought and literature since 1900. Reading and interpreting prose and poetry representative of the intellectual and social history of the German language area in the 20th Century. Prerequisite: 254.

### **490. Independent Study (Kremling, Wolber)**

Guided research on a topic in German. Advance consultation with the supervising faculty member is required before pre-registration. F, S.

### **491. Directed Readings (Kremling, Wolber)**

A reading program in German. Advance consultation with the supervising faculty member is required before pre-registration. F, S.

## Italian Courses

### **110, 111. Beginning Italian (Mancini)**

An introductory course emphasizing four basic skills: aural comprehension, speaking, reading, and writing. Consideration of the cultural and historic background of the areas where the language is spoken, and readings designed to introduce students to Italian culture and literature. The aim is to prepare students to speak and comprehend with some facility and to read various kinds of texts. Emphasis is on class participation and active use of the language. F, S.

### **225. Continuing Italian (Mancini)**

This course reinforces the four basic skills: aural comprehension, speaking, reading, and writing. There will be some grammar review, vocabulary building, and a focus on certain structures to strengthen the students's ability and desire to use the oral and written language. There will be readings of various kinds and films in Italian added to supplement the text. Students will continue to explore Italian culture, present and past, through a variety of media. F.

## Japanese Courses

### **110, 111. Beginning Japanese (Staff)**

An introductory course emphasizing development of the ability to speak Japanese in a number of practical daily situations. Intensive practice in pronunciation and introduction to grammatical structure. Student preparation and participation is crucial. F, S.



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# Majors and Courses of Instruction

## *Modern Foreign Languages*

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### Russian Courses

**225. Continuing Japanese (Staff)**

Continuation of Japanese 111, further development of four skills: aural comprehension, speaking, reading, and writing. The emphasis will be on the acquisition of basic grammar and its application through communicative activities and vocabulary build-up. Consideration will be given to the Japanese culture and society. Prerequisite: 111 or equivalent. F.

**110, 111. Beginning Russian (Ross)**

Introductory courses stressing four basic skills: reading, writing, listening, and speaking. The Cyrillic alphabet, correct pronunciation, and introductory grammar are covered. Through an emphasis on active use of the language, students learn the practical application of Russian in day-to-day situations. Different aspects of Russian culture are also discussed. A variety of media including cassette tapes, videos, CD-ROMs, and the World Wide Web are used in the process of learning the language. F, S.

**225. Continuing Russian (Ross)**

This continuation of Beginning Russian further develops the four skills: reading, writing, listening, and speaking. While there is some grammar review, the course expands upon the basics of Russian grammar and broadens the students' active use of the language. As the students' use of the language grows, more communicative activities are added. Extra readings from a number of sources supplement the textbook, and different aspects of Russian culture are discussed. A variety of media including cassette tapes, videos, CD-ROMs, and the World Wide Web are used in the process of learning the language. F.

### Spanish Courses

**110, 111. Beginning Spanish (Staff)**

An introductory course emphasizing four basic skills: aural comprehension, speaking, reading, and writing. Consideration of the cultural and historic background of the areas where the language is spoken, and readings designed to introduce students to Spanish and Latin American cultures and literatures. The aim is to prepare students to speak and comprehend with some facility and to read texts of moderate difficulty. Emphasis is on class participation and active use of the language. F, S.

**225. Continuing Spanish: Intensive Review (Arribas, Lenfest, Rojas)**

An intermediate course with intensive review of pronunciation and the fundamental structures of grammar. Conversational practice, vocabulary building, practice in writing of compositions. Readings and discussions of selected works from Spanish and Latin American literatures. Designed for students who test in at this level or who have satisfied the language requirement but who would like to continue to increase their fluency in Spanish. Prerequisite: 111 or equivalent. F, S.

**241. Spanish Language Practicum (0.25 unit; Lenfest)**

A conversation practicum in which cultural and language topics are used as substance for class programs and projects. Students are required to speak Spanish. Students wanting to satisfy the Modern Foreign Language House requirement should enroll in 241 for the fall semester, 242 for spring semester. SPAN 241 may be repeated once for a total of one-half unit, not to be counted toward the major or minor. Prerequisite: SPAN 225 or the equivalent. F.

**242. Spanish Language Practicum (0.25 unit; Lenfest)**

SPAN 242 may be repeated once for a total of one-half unit, not to be counted toward the major or minor. Continuation. S.

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# Majors and Courses of Instruction

## *Modern Foreign Languages*

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### **254. Conversation-Composition: Topics in Spanish Culture (Harper)**

Intensive vocabulary building, development of skills in listening, reading, writing, and conversation. This course stresses preparation of students to express their ideas clearly and concisely in Spanish. Compositions and conversation are based on selected topics in the culture and literature of Spain. Prerequisite: 225 or permission of instructor. F.

### **255. Conversation-Composition: Topics in the Culture of Latin America (Rojas)**

This class features intensive vocabulary building, development of skills in listening, reading, writing and conversation through topics which treat the cultures and literatures of Spanish America and of Hispanics in the U.S. This course stresses preparation of students to express their ideas clearly and concisely in Spanish. S.

### **300.3. The Avant-Garde in Spain (Kent)**

(Not offered 2005-06)

Spain has played a major role in various avant-garde movements. While testing the limits of their respective fields, twentieth-century Spanish writers, artists, film directors, and architects have frequently invented the languages through which the modern age has expressed, seen, entertained, and housed itself. In this interdisciplinary course, students will have an opportunity to study and discuss the relationship between the artistic strategies of such artists as Picasso, Miró, Dalí, and Tapies and the literary inventions of Salinas, Guillén, Cernuda, and Lorca. Attention will also be given to the seminal influences of the Spanish architects Gaudí, Sert, and Calatrava and the film directors Buñuel and Martínez Patino. Prerequisite: 350, 351, 352 or permission of instructor. S.

### **300.4 Twentieth Century Mexican Literature and Popular Culture (Rojas)**

This course explores the (inter)relationship between Mexican Literature and Popular Culture in the Twentieth Century in order to give the student a better understanding of Latin America as a subject of study. The course begins with the Mexican Revolution in literature, popular culture, and art (narrative, corridos, films, popular art –Posada-), then moves forward to post-revolutionary and *avant garde* narrative and poetry (*muralismo*, Octavio Paz, Carlos Fuentes, Juan Rulfo), continues with the student protest during the second half of the century (Tlatelolco 68; Elena Poniatowska, José Emilio Pacheco) when the literary group of writers known as *los escritores de la onda* (José Agustín, Luis Arturo Ramos) caught the attention of a younger generation of readers. The course will end with a study of contemporary writers (Alberto Blanco, Coral Bracho, Eduardo Parra, Ricardo Yáñez) and reveal how their works represent Mexican popular culture and literature during the twentieth and beginning of the twenty-first centuries.

### **350. Introduction to Literature (Kent)**

An intermediate course in Spanish designed to prepare students for advanced literature courses. Through a careful study of selected Spanish and Latin American works, students will learn to approach literature as artistic and cultural expression. Special attention will be given to the writing of critical analyses and research papers. Prerequisite: 254 or 255. S.

### **351. Introduction to Spanish Literature (Harper)**

An introductory course designed to prepare students for advanced literary study. Special attention is given to the development of major themes, traditions, and stylistic elements in representative drama, poetry, and narrative of the nineteenth and twentieth centuries. Works to be studied include the *Leyendas* of Gustavo Adolfo Becquer, the drama and poetry of Federico García Lorca, and *Abel Sánchez* by Miguel de Unamuno. Prerequisite: 254, 255 or permission of instructor. S.

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# Majors and Courses of Instruction

## *Modern Foreign Languages*

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### **352. Introduction to Latin American Literature (Rojas)**

The fundamental objective of this course is to study the development of the literary genres (theatre, poetry, narrative fiction and non-fiction) as they interrelate with the major historical, cultural and political events in Spanish America. We will read work from authors such as José Martí, Rubén Darío, Horacio Quiroga, Delmira Agustini, Gabriela Mistral, César Vallejo, Vicente Huidobro, Jorge Luis Borges, Pablo Neruda, Octavio Paz, Isabel Allende and Juan Rulfo, among others. The extensive use of cultural materials including art, films, pictures and music will aid in the comprehension of the readings.

### **355. Spanish Literature in Translation: Power, Politics, and Possibilities (Harper)**

Relations of power and resistance, of dominance and struggle, pervade all types of human interaction. This course will explore the diverse representation of power – the plight of the author or artist in a heavily-censored society, power and gender, historical and literary constructions of power relations, and more – in selected novels, plays, and short stories of the Franco and post-Franco eras in Spain. Works to be studied include, but are not limited to: *The Back Room*, by Carmen Martín Gaité; *Love Letters to Stalin*, by Juan Mayorga; *School of the Sun*, by Ana María Matute; *The Time of the Doves*, by Mercé Rodoreda; *The Basement Window*, by Antonio Buero Vallejo; *A Love Too Beautiful*, by Manuel Martínez Mediero; *The Inkwell*, by Carlos Muñoz; and *El Sur. Bene*, by Adelaida García Morales as well as complementary Spanish films with English subtitles. No knowledge of Spanish is required. May not be counted toward the major or minor. S.

### **361. Contemporary Spanish Drama (Harper)**

A critical study of contemporary Spanish drama and its representation in film. Special attention will be paid to representative works from 1960 to the present, including the plays of Antonio Buero Vallejo, Alfonso Sastre, Paloma Pedrero, José Luís Alonso de Santos, Concha Romero, Fernando Arrabal, and others. Film will be used to complement themes and explore the transformation of literary text to film. Prerequisite: one course numbered 300 or above, or permission of instructor. S.

### **362. Latin American Short Story and Poetry (Rojas)**

This course examines Latin America's literature of the XX and XXI centuries. Special attention will be paid to both narrative (short story) and poetry genres, as well as to mythic, artistic, historical and social-political aspects of Latin America. The extensive use of cultural materials including art, films, pictures and music will aid in the comprehension and analysis of the readings.

### **363. Spain in the Twentieth Century and Beyond (Harper)**

Critical study of some of the most significant Spanish writing from 1900 to the present. This course examines some of the fundamental aspects of thought in Spain: the land and its sense of history, the myths of Don Quijote and Don Juan, the arts in a heavily censored state, and the role and philosophical perspective of Spanish intellectuals of the 20th Century in major works by authors like Unamuno, Machado, Lorca, Matute, Buero Vallejo, Fernández Cubas, García Morales, Merino, and Sastre. Prerequisite: 350, 351, or 352 or permission of instructor. F.

### **364. The Latin American Novel Within its Cultures (Rojas)**

(Not offered 2005-06)

In this class we'll study the main narrative works of Spanish America from the end of the nineteenth century to the establishment of the "post-boom" at the end of the twentieth century. We will cover the main literary movements such as *indigenismo*, *criollismo*, *regionalismo*, *vanguardia* y *pos-vanguardia*. We will read novels from authors such as

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# Majors and Courses of Instruction

## *Modern Foreign Languages*

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Mariano Azuela, Carlos Fuentes, Alejo Carpentier, Julio Cortázar, Gabriel García Márquez, Miguel Angel Asturias, Elena Garro and Isabel Allende, among others. The extensive use of cultural materials including art, films, pictures and music will aid in the comprehension of the readings.

### **365. Cervantes and the Quijote (Arribas)**

Intensive study of the major episodes of the *Quijote* and other selected works of Cervantes. Prerequisite: 350, 351, or 352 or permission of instructor. F.

### **367. The Spanish Short Story, Short Prose Fiction and Non-Fiction (Harper)**

Major developments in the short prose of Spanish literature. Includes the fantastic legends of the nineteenth century and the major tendencies of contemporary prose. This course explores the writings of such authors as Becquer, Ayala, Martin Gaité, Unamuno, Valle Inclán, Matute, Cela, Montero, Tusquets, Merino, Puértolas, Molina Foix, and Delibes. Prerequisite: one course 300 or above or permission of instructor. F.

### **368. Directions in Spanish Film and Literature (Harper)**

An intensive study of the major developments in Spanish cinema with emphasis on films produced in the last two decades, including those of Erice, Saura, Almodóvar, Amenábar, Fernán Gómez, and Cuerda. Contemporary representative literary selections will emphasize prose and drama that illustrate, among others, detective literature, the modern fantastic, synchronicity, and feminist perspectives. Authors to be studied include Mayorga, Pedrero, Montero, Buero Vallejo, Merino, and Muñoz Molina. Prerequisite: one course 300 or above or permission of instructor. S.

### **369. Masterworks of the Golden Age of Spain (Arribas)**

Interdisciplinary study of the literature and culture of Spain's Renaissance and Baroque centuries, including such major figures as Garcilaso de la Vega, Cervantes, Quevedo, Lope de Vega, Teresa de Avila, Tirso de Molina, María de Zayas, El Greco and Velazquez. Emphasis will be given to the character of Don Juan. Prerequisite: 350, 351, or 352 or permission of instructor. S.

### **381. Advanced Spanish Grammar (Lenfest)**

A course designed to discover, analyze and correct the grammatical errors most frequently made by non-native speakers of Spanish, to reinforce awareness of the system of agreement, to refine use of the tenses, to encourage idiomatic expression and generally to increase the level of linguistic sophistication in the use of Spanish. Course work will include programmed exercises, analysis of expository and literary texts and translation from English to Spanish. Prerequisites: 350 or above. S.

### **382. Romance Linguistics (Lenfest)**

(Not offered 2005-06)

Discussion of the nature of language, the science of linguistics, the production of sounds, the nature of grammatical systems, the evolution of language, the Indo-European family of languages, the Italic sub-grouping, Latin, and the Romance languages with special attention given to the evolution of French, Spanish, and Italian. Students are expected to learn general principles of language change and to apply them to specific problems. Also listed as FREN 382. F.

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# Majors and Courses of Instruction

## *Modern Foreign Languages*

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### **490. Independent Study (Staff)**

Guided research, with tangible results, on a topic in Spanish. Advance consultation with the supervising faculty member is required before pre-registration. Proposals must be reviewed and approved by the chairperson of the department before the beginning of the project. F, S.

### **491. Directed Readings (Staff)**

A reading program in Spanish. Advance consultation with the supervising faculty member is required before pre-registration. Proposals must be reviewed and approved by the chairperson of the department before the beginning of the project. F, S.

### **499. Seminar**

(Not Offered 2005-06)

### *Salamanca Program*

Ohio Wesleyan is affiliated with the University of Salamanca, Spain. Each fall, qualified Ohio Wesleyan students may study in Salamanca and receive credit in Spanish and history through Ohio Wesleyan. Up to three (3) course credits from Salamanca may be counted toward the Spanish major. Students interested in this program should contact Professor Donald Lenfest of the modern foreign languages department. The course descriptions for the fall semester are as follows:

### **358. Spanish Grammar**

An intensive review of spoken and written Spanish. This course is designed to facilitate student progress in the literature and history courses in the program and will give special attention to the syntax, vocabulary, and idiomatic expressions of Spanish. It is also designed as a continuation of the orientation period study of the Spanish language.

### **359. The History of Spanish Art (.50 unit; Nieto González)**

A short review of Spanish art history, with special attention given to the artistic tradition of Salamanca. This class will also prepare students for field trips to Castilian museums of art, architecture and sculpture. May not be counted toward the major or minor for Spanish or fine arts. One half credit will be given toward graduation.

### **375. The Golden Age in Literature and Culture**

An interdisciplinary study of the literature of the Spanish Golden Age (1492-1681). Special attention will be given to the masterworks and great authors associated with Salamanca, including the *Lazarillo de Tormes*, *la Celestina*, San Juan de la Cruz, Fray Luis de León and Calderón de la Barca. The aim is to provide students with an exposure to the great works and literary figures of Spain during the Renaissance and Baroque periods. Presentation of literature will be made in the context of the art, architecture, and music of the period.

### **377. Contemporary Spanish Literature (Pérez López)**

A study of Spanish literature from the Generation of 1898 to the present with special emphasis given to prose works. Readings will include the works of Unamuno, Azorín, Cela, and other writers who reflect the contemporary Spanish sensibility. A course designed to complement the course in contemporary Spanish offered in the program by our resident director.

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# Majors and Courses of Instruction

## *Modern Foreign Languages*

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### **378. Contemporary Spanish History**

The major themes and problems of twentieth century Spanish history will be presented in the context of Spanish traditions. Seven classes devoted to a survey of Spanish history with the remaining classes devoted to the Spanish Republic (1931-39), the Franco era (1939-75), and the post-Franco era (1975 to the present). One major text will be used in conjunction with photocopied articles. May not be counted toward the Spanish major or minor but may be counted in the Department of History as a European history course. See HIST 366.

### Swahili Courses

### **110, 111. Beginning Swahili (Skandor)**

A course emphasizing oral proficiency and comprehension and developing introductory reading and writing skills. Students are guided through the process of acquisition following an oral approach that stresses classroom participation in a cooperative atmosphere. The aim is to give students threshold oral fluency in the language and the ability to read simple text. Also listed as BWS 110, 111.

### **225. Continuing Swahili (Skandor)**

An intermediate course that reviews the structures of the language acquired orally and builds on these to provide students with an ability to speak and understand most language of daily life. Some aspects of the cultures of the people who speak Swahili will be presented in class through the language. Students will be exposed to samples of Swahili literature, oral and written material. Also listed as BWS 225. F.

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# Majors and Courses of Instruction

## *Music*

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### **Music**

*Professors Bennett, Gamso, Griffin, Griffith, Roden  
Assistant Professor Hiester  
Continuing Part-time Associate Professor M. Nims*

The mission of the Department of Music is threefold: to impart knowledge as transmitted through the study and performance of music, which is one of the essential fine arts in the undergraduate liberal arts curriculum; to develop and enhance the creative and academic musical talents of those students who aspire for various professional careers in the field of music; and to place the study of music in the context of social, cultural and educational values. This mission statement is directly related to that of Ohio Wesleyan University, which is found on page 5.

To implement the mission statement, the work of the Department of Music has been planned with dual objectives in mind. First, for the student who wishes to major in music: the Bachelor of Music in performance curricula is provided as preparation for graduate study and/or the pursuit of one of the various professional areas of music; the Bachelor of Music in Music Education curriculum is provided to prepare students to teach general, vocal and instrumental music in PreK–12 schools; and the Bachelor of Arts with a major in music is offered for those students desiring a non-professional concentration within a liberal arts degree program. Second, for the student who does not wish to major in music: the department offers courses which partially fulfill University General Education requirements, applied music instruction (private study), performance opportunities and other musical experiences (both as participants and as audience members), so that the non-music major can develop an understanding and appreciation of music as one of the components of a liberal education. Courses in music history/literature and in music theory are available to both majors and non-majors. Non-music majors may also enroll for applied music study for 0.25 or 0.50 unit per semester. One unit in the same applied area may be credited to the total courses required for graduation.

All students wishing to enter the Bachelor of Music degree program or the Bachelor of Arts in Music degree must complete a successful performance audition prior to entry into the respective degree program. Majors should begin their work in the freshman year. They must, however, plan their course work in applied music so that it will continue through the junior and senior years. All performance majors in the Bachelor of Music program must present a senior recital. Other recital requirements are stipulated in the *Music Department Student Handbook*. Music majors are responsible for the recital and jury accompanying fees as listed in the *Music Department Student Handbook*. Recital attendance is required of all music majors. The Recital Attendance Policy is described in the *Music Department Student Handbook*. All curricula for each degree program are listed in the Department of Music Handbook. Each music major, whether B.M. or B.A., is required to participate and enroll for credit in at least one music organization each semester in the area of major applied study. (Jazz Band and/or Bishop Band may not be elected as the only major organization.) The music department reserves the right to assign majors to the appropriate organization(s) as the needs of the department dictate. Music majors may not take music department courses on a credit/no entry basis.

Music majors will be evaluated at the end of every semester and must attain the status of junior standing at the end of the sophomore year.

B.M. Education majors need to apply for the teacher licensure program in their junior year. Requirements are: successful completion of EDUC 110 and EDUC 251, a recommendation

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# Majors and Courses of Instruction

## *Music*

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### Bachelor of Music Degree *Music Performance*

from an OWU faculty member, a recommendation from the music faculty, and a GPA of 2.80 (overall and in music courses).

Candidates for the Bachelor of Music degree must meet the same residence and scholastic requirements as those required for the Bachelor of Arts degree.

The Bachelor of Music curricula are designed for students who wish to prepare for professional work in music.

Students must complete a total of 34 to 34.50 graduation units (depending on the area of specialization) plus music organizations with a major in piano, voice, organ, or an orchestral or band instrument. Candidates must complete eight units in the performance major and two units in an applied minor (which does not have to be in the same instrument), and must meet, prior to graduation, piano proficiency requirements as established by the music department. In order to remain in the program, performance majors must attain the grade of “B” or higher in the applied major during each of the eight semesters of study. All performance majors must complete the supervised Pedagogical Experience, as described in the *Department of Music Handbook*, prior to the final semester of applied study.

Required courses in music are: 020 (each semester), 109, 110, 155, 156, 230, 231, 232 and 233 (keyboard majors only), 235 and 236 (voice majors only), 241 and 242 or 243 and 244 or 245 and 246 or 247 and 248 (instrumental majors only – depending on the area of specialization), 255, 256, 352, 354 (keyboard and voice majors only), 355, 356 (instrumental majors only), 357, 358, and 359. Twelve total electives are required: eight units from other departments, including one unit of English composition, and four elective units in music and/or non-music areas, including the University cultural diversity requirement (which must be met by taking 347 or 348). Voice majors must take, or meet by proficiency, three units of foreign language, one each of French, German, and Italian, which are included in the eight units from other departments. Keyboard majors must enroll for two semesters of Piano Accompanying (012).

### *Music Education*

**Choral Major.** Choral majors must complete a total of 34.50 graduation units plus music organizations and may choose a voice major with a keyboard minor or a keyboard major with a voice minor. If a keyboard minor, piano proficiency requirements as established by the music department must be met. In addition to the requirements listed below, choral majors must complete 3.50 units in the applied major and 1.50 units in the applied minor. All choral majors must take 241, 243, 245, 247, and 344; choral/voice majors must take 235 and 236; choral/keyboard majors must enroll for two semesters of Piano Accompanying (012) and take 232 and 233. In addition to the organization requirement, one semester of participation in the Symphonic Wind Ensemble is required before the end of the junior year.

**Instrumental Major.** Instrumental majors must complete a total of 34.75 graduation units plus music organizations. In addition to the requirements listed below, instrumental majors must complete 3.50 units in the major instrument (brass, percussion, string, woodwind, or keyboard), and at least 1.0 unit in piano in order to meet the piano proficiency requirements as established by the music department. Instrumental majors must take 240, 241, 242, 243, 244, 245, 246, 247, 248, and 356. In addition to the organization requirement, one semester of participation in the Choral Art Society is required before the end of the junior year.



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# Majors and Courses of Instruction

## *Music*

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Requirements for both choral and instrumental majors are: 020 (semesters I-VII), 109, 110, 155, 156, 230, 231, 249, 255, 256, 357, 358, 359, 373, 374; EDUC 110, 251, 377, 471, 472, 473 and 474. To meet State of Ohio Certification requirements, choral and instrumental education majors must take ten (10) general education courses as follow: English 105; 1 course in English literature which must be ENG 145 (to comply with state licensure Literacy requirements); 2 courses in social science; 1 course in math; 1 course in natural science; 1 course in arts (non-music); 1 course to meet the University Diversity Requirement (which must be met by taking MUS 347 or 348); 2 additional courses as selected from outside the Department of Music.

### Bachelor of Arts Degree

The Bachelor of Arts degree with a major in music is provided for those students desiring a music concentration within a liberal arts degree program. Students preparing for professional work in music normally follow a Bachelor of Music curriculum. In addition to the requirements listed below, it is strongly recommended that 109, 116, and 117 be taken if work toward the major is begun in the fall semester of the freshman year.

**Applied Music Emphasis:** 12 units plus music organizations consisting of 020 (each semester), 110, 155, 156, 255, 256, 357, 358, and 359; four units of applied music, all in same area; and one music elective.

**History and Literature Emphasis:** 12 units plus music organizations consisting of 020 (each semester), 110, 155, 156, 255, 256, 347 or 348, 357, 358, 359; two units of applied music, in same area; and two music electives.

**Theory Emphasis:** 12 units plus music organizations consisting of 020 (each semester), 110, 155, 156, 255, 256, 354, 355, 357, 358, 359; two units of applied music, in same area, and one music elective (suggested 352, 356, or one unit of applied composition).

### Music Minor

The music minor is available to all students except those who are enrolled in the Bachelor of Music curriculum or those seeking a Bachelor of Arts degree with a music major.

Six units constitute the music minor. Three units are required: MUS 110 and 155 (0.50 unit each); 105; one selected from 156, 347, 348, 357, 358, 359; and three music units are to be chosen by the student. A maximum of two of these units may be in applied music. The declaration for a minor may be submitted upon completion of two units of music study. Courses taken credit/no entry may not be applied to the music minor.

### Courses

#### **020. Recital Attendance (0.00 unit; Gamso)**

A graduation requirement. Candidates for the Bachelor of Music degree and the Bachelor of Arts degree with a major in music are required to attend recitals and concerts programmed by the Department of Music. The Recital Attendance Policy is described in the *Music Department Student Handbook*. F, S.

#### **105. Appreciation of Music Literature (Gamso, Roden, Staff)**

The great composers and some of their masterpieces, assisting non-majors in finding pleasure and enjoyment in music and in understanding the influence of music on contemporary life. Non-music majors only. Fulfills the Group IV requirement for the B.A. degree. F, S.

#### **109. Survey of Music Literature for Majors (0.50 unit; Roden)**

This course provides a foundation in basic musical chronology and Western classical repertoire, with an emphasis on broad musical and historical developments and inter-

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# Majors and Courses of Instruction

## *Music*

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relationships between the visual and performing arts. Emphasis is also placed on learning how to use the Music Library and music notation software programs. Open to B.M. and B.A. music majors only and is required for B.M. majors during the first semester of the freshman year. Does not fulfill a Group IV Distribution Requirement. F.

**110. Fundamentals of Music Theory (0.50 unit; Griffith, M. Nims)**

A basic course in fundamentals of music theory: scales, intervals, keys, triads, rhythm, and meter. Writing, aural, and sightsinging skills are emphasized. All students are assumed to know the names of notes of the treble and bass clefs and the name of keys on the piano keyboard. Required of majors but open to all students with the necessary musical background. 1st half of the semester. F.

**116. Class Piano I (0.25 unit; Staff)**

Beginning level for music majors preparing to meet proficiency requirement in functional piano. Major and minor scales, arpeggios, and repertoire. Practical experience in sight reading, transposition, harmonization, improvisation, and accompanying. Open to B.M. and B.A. music majors only. F.

**117. Class Piano II (0.25 unit; Staff)**

Continuation. Beginning level for music majors preparing to meet proficiency requirement in functional piano. Major and minor scales, arpeggios, and repertoire. Practical experience in sight reading, transposition, harmonization, improvisation, and accompanying. Open to B.M. and B.A. music majors only. Prerequisite: a grade of C- or better in 116. S.

**155. Music Theory I (0.50 unit; Griffith, M. Nims)**

Harmonic progression and principles of voice leading in the major and minor modes: harmonization of given bass lines; modal scales; sightsinging; dictation of appropriate melodies, harmonic exercises, and rhythmic patterns. Second half of the semester. Prerequisite: a grade of C- or better in 110. F.

**156. Music Theory II (Griffith, M. Nims)**

Continuation. Harmonic progression utilizing triads in first and second inversion, dominant seventh chords, and secondary dominants; harmonization of figured bass lines, unfigured basses, and melodies; nonharmonic tones; harmonic analysis; structural analysis of the phrase and period forms; composition of original phrases in chorale style; sightsinging; dictation of appropriate melodies, harmonic exercises, and rhythmic patterns. Prerequisite: a grade of C- or better in 155. S.

**216. Class Piano III (0.25 unit; Staff)**

Continuation. Intermediate level for music majors preparing to meet proficiency level in functional piano. Major and minor scales, arpeggios, and repertoire. Further experience in sight reading, transposition, harmonization, improvisation, and accompanying. Open to B.M. majors only. Prerequisite: a grade of C- or better in 117. F.

**217. Class Piano IV (0.25 unit; Staff)**

Continuation. Intermediate level for music majors preparing to meet proficiency requirement in functional piano. Major and minor scales, arpeggios, and repertoire. Further experience in sight reading, transposition, harmonization, improvisation, and accompanying. Open to B.M. majors only. Prerequisite: a grade of C- or better in 216. S.

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# Majors and Courses of Instruction

## *Music*

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**229. Introduction to Electronic Music Composition (Carto)**

Fundamentals of electronic music composition, incorporating analog and digital sound synthesis, sequencing, recording, computer and MIDI application. Course work includes lab experience in a MIDI studio with student compositions as a final project. Fulfills the Group IV requirement for the B.A. degree. F.

**230. Conducting I (0.50 unit; Staff)**

Development of basic skills in conducting and score analysis. Required of all B.M. majors. Prerequisite: 156 for music majors or consent of instructor for non-majors. F.

**231. Conducting II (0.50 unit; Griffin, Hiester)**

Continuation. Further development of conducting techniques and study of rehearsal skills and score analysis. Students will specialize in either vocal or instrumental ensemble conducting. Prerequisite: 230. S.

**232. Keyboard Techniques I (0.25 unit; Staff)**

Required of all Bachelor of Music keyboard majors. Development of keyboard skills through the study of score reading, transposition, sight-reading, modulation, harmonic reduction and figured bass, practice techniques, and memory development. F.

**233. Keyboard Techniques II (0.25 unit; Staff)**

Continuation. Development of keyboard skills through the study of score reading, transposition, sight-reading, modulation, harmonic reduction and figured bass, practice techniques, and memory development. Prerequisite: 232. S.

**235. Diction for Singers I (0.50 unit; M. Nims)**

(Alternate years. Offered 2005-06)

An introduction to the International Phonetic Alphabet and to principles utilized in a singing pronunciation of English and Italian. Prerequisite: Bachelor of Music voice major or Bachelor of Arts applied voice major. Others only by consent of instructor. Does not fulfill a University foreign language requirement. F.

**236. Diction for Singers II (0.50 unit; M. Nims)**

(Alternate years. Offered 2005-06)

Continuation. Introduces principles utilized in a singing pronunciation of French and German and the symbols of the International Phonetic Alphabet appropriate to these two languages. Prerequisite 235. Does not fulfill a University foreign language requirement. S.

**240. Voice Methods (0.25 unit; M. Nims)**

(Alternate years. Offered 2006-07)

For the instrumental music education major, fundamentals of singing, voice production, diction, and pedagogical skills in class voice instruction. F.

**241. Brass Instrumental Methods I (0.25 unit; Griffin)**

**242. Brass Instrumental Methods II (0.25 unit; Griffin)**

**243. Percussion Instrumental Methods I (0.25 unit; Krygier)**

**244. Percussion Instrumental Methods II (0.25 unit; Krygier)**

(Alternate years. Offered 2006-07)

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# Majors and Courses of Instruction

## *Music*

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**245. String Instrumental Methods I (0.25 unit; Price)**

**246. String Instrumental Methods II (0.25 unit; Price)**

**247. Woodwind Instrumental Methods I (0.25 unit; Gamso)**

**248. Woodwind Instrumental Methods II (0.25 unit; Gamso)**

(Alternate years. Offered 2005-06)

Each course in the sequence 241-248 is designed to meet the professional needs for teaching in that instrumental family. Performance, pedagogical, and maintenance skills on brass, percussion, stringed, or woodwind instruments are emphasized. Demonstrated competence is expected in performance by meeting a pre-determined level on specified instruments within each family and in pedagogy through completing supervised private and group instruction in a class setting. F, S.

**249. Guitar Methods (0.25 unit; Wohlwend)**

For music education majors: basic guitar technique, chord progressions, improvisations, and pedagogical skills in class guitar instruction. F.

**255. Music Theory III (Griffith, M. Nims)**

Continuation. Harmonic progression utilizing: diminished, half-diminished, and nondominant seventh chords; dominant ninth, eleventh, and thirteenth chords; and the raised supertonic and submediant chords; harmonization of figured bass lines, unfigured basses, and melodies; harmonic analysis; structural analysis of binary and ternary forms; composition of original periods in chorale style; sightsinging; dictation of appropriate melodies, harmonic exercises, and rhythmic patterns. Prerequisite: a grade of C- or better in 156. F.

**256. Music Theory IV (Griffith, M. Nims)**

Continuation. Harmonic progression utilizing the Neapolitan sixth, augmented sixth chords, and other chromatic chords; harmonization of figured bass lines, unfigured basses, and melodies; harmonic analysis; structural analysis of larger classic forms; composition of original phrases and periods in chorale style; introduction to techniques employed after Common Practice; sightsinging; dictation of appropriate melodies, harmonic exercises, and rhythmic patterns. Prerequisite: a grade of C- or better in 255. S.

**344. Choral Techniques (0.50 unit; Staff)**

(Alternate years. Offered 2006-07)

The general pedagogical and administrative skills necessary for teaching choral music in a high school. Pedagogical skills include diction, managing choral performance groups, conducting, vocal auditions, and program building. Administrative skills are budgeting, procurement of classroom equipment, and music selection. F.

**347. History of Jazz (Gamso)**

(Alternate years. Offered Spring 2007)

The social, musical, and historical background of jazz styles from their origins to the present. The influence of society upon jazz and the influence of jazz upon other musical styles of the 20th Century. Emphasis is on aural recognition and identification of jazz styles. Fulfills the Group IV requirement for the B.A. degree. S.

**348. Music in World Cultures (Rodén)**

(Alternate years. Offered Spring 2006)

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# Majors and Courses of Instruction

## *Music*

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Major music cultures of the non-western world are studied. Emphasis is placed upon the traditional music of Africa, the Arab World, India, Southeast Asia, China, and Japan. The student approaches the course through lectures, a listening program, films, and performance groups. Observations are made of the relationships of music with drama, dance, and society in general. Open to all students. Fulfills the Group IV requirement for the B.A. degree. S.

### **352. 20th Century Theoretical Techniques (Staff)**

(Alternate years. Offered 2005-06)

A comprehensive study of the major theoretical trends and techniques during the 20th century, including compositional techniques in National Schools, neo-Baroque, neo-Classicism, Dodecaphonic composers, and recent developments. Prerequisite: a grade of C- or better in 256. S.

### **354. 18th Century Counterpoint (Griffith)**

(Alternate years. Offered 2006-07)

The contrapuntal techniques of the 18th Century (invention, canon, chorale forms, invertible counterpoint, and fugue) approached through analysis and the writing of examples. Prerequisite: a grade of C- or better in 256. F.

### **355. Analysis (Griffith)**

(Alternate years. Offered 2005-2006)

An advanced course in structural and harmonic analytical techniques. Prerequisite: a grade of C- or better in 256. F.

### **356. Instrumentation and Orchestration (Staff)**

(Alternate years. Offered 2005-2006)

Emphasis is on the problems of orchestrating for orchestras, band, and ensembles. Prerequisite: a grade of C- or better in 256. F.

### **357. Music of the Middle Ages, Renaissance and Baroque (Rodén)**

Survey of European music to 1750. Prerequisite: music major or permission of instructor. F.

### **358. Music of the 18th and 19th Centuries (Rodén)**

Survey from 1750 to 1900. Prerequisite: 357 or permission of instructor. S.

### **359. Music of the 20th Century (Rodén)**

The principal musical styles from 1900 to the present. Prerequisite: 358 or permission of instructor. F.

### **363. Teaching Music: Elementary (0.50 unit, Giles)**

A course designed to teach early childhood education majors the basic principles of music and the skills to be used in teaching children (PreK-3) music. Developing a singing voice, playing social/classroom instruments, music reading, movement, and listening are stressed. Required of all elementary education majors. Prerequisite: EDUC 251. Also listed as EDUC 363. S.

### **373. Elementary Music Methods (Giles)**

The psychology and principles of teaching in the elementary and middle schools (PreK-8); a critical evaluation of available materials and current methods, both vocal and instrumental procedures being stressed. Each student participates in two laboratory situations per week. Prerequisite: EDUC 251. Note: Music education majors should apply and be admitted to the teacher education program before taking 373. S.

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# Majors and Courses of Instruction

## *Music*

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### Applied Music

#### **374. Secondary Music Methods (Staff)**

The psychology and principles of teaching in the middle and high schools (6-12); a critical evaluation of available materials and current methods, both vocal and instrumental procedures being stressed. Each student participates in two laboratory situations per week. Prerequisite: 373 and EDUC 251. Note: Music education majors should have been admitted to the teacher education program before taking 374. F.

**490. Independent Study (Staff)** Music major or consent of instructor.

**491. Directed Readings (Staff)** Music major or consent of instructor.

#### **499. Seminar (Staff)**

Enrollment in applied music will not be accepted after the end of the second week of the semester. Applied music cannot be taken credit/no entry or without credit.

Music composition is offered under applied music numbers for majors and others who meet requirements.

Fees listed below apply to non-music B.A. candidates studying applied music, B.A. music major candidates who take more than 1/2 unit of credit, and B.M. candidates who take more applied music per semester than is required for the degree program. (B.A. Theory Emphasis majors may elect a total of one unit of composition without an additional fee. All other music majors will be charged at the rate of \$250 per .25 unit.) **There will be no refund of fees for applied music courses dropped after the end of the second week of the semester.**

B.A. candidates may enroll in any area of applied music and, upon completion of one unit of credit, will receive elective credit toward graduation. If all the work is completed in one area of applied music, this unit may be counted as a semester course.

#### **Applied Music Credit, Lesson Time, and Non-Major Fee:**

0.25 Unit; One 30-minute lesson per week; \$250 per semester.

0.50 Unit; One 45-minute lesson per week; \$375 per semester.

1.00 Unit; One 60-minute lesson per week; music performance majors only.

**111, 112, 114** Applied Music (Semester I: .25, .50, 1.00 unit each; Staff)

**121, 122, 124** Applied Music (Semester II: .25, .50, 1.00 unit each; Staff)

**211, 212, 214** Applied Music (Semester III: .25, .50, 1.00 unit each; Staff)

**221, 222, 224** Applied Music (Semester IV: .25, .50, 1.00 unit each; Staff)

**311, 312, 314** Applied Music (Semester V: .25, .50, 1.00 unit each; Staff)

**321, 322, 324** Applied Music (Semester VI: .25, .50, 1.00 unit each; Staff)

**411, 412, 414** Applied Music (Semester VII: .25, .50, 1.00 unit each; Staff)

**421, 422, 424** Applied Music (Semester VIII: .25, .50, 1.00 unit each; Staff)

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# Majors and Courses of Instruction

## *Music*

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When registering for any Applied Music course, the appropriate numerical instrument designation must follow the course number. Example: MUS 111.11 means piano, .25 unit, Semester I of study.

.11 Piano	.12 Organ	.13 Voice	.14 Violin	.15 Viola
.16 Cello	.17 String Bass	.18 Guitar	.19 Horn	.20 Trumpet
.21 Trombone	.22 Baritone	.23 Tuba	.24 Flute	.25 Oboe
.26 Clarinet	.27 Bassoon	.28 Saxophone	.29 Percussion	.30 Composition

Students may enroll for only .25 unit of composition each semester, for a maximum of four semesters (MUS 221.30; 311.30; 321.30; 411.30). May not be taken by music majors in lieu of minor applied instrument. Refer to preceding page for applicable fees. Prerequisite: MUS 255.

### Music Organizations

For Bachelor of Music degree candidates, two units of credit in music organizations must be completed before graduation. Non-music majors may audition for any Music Organization or Ensemble. Auditions are held at the beginning of each semester. F, S. Please see page 43 for restrictions on the number of music organization and ensemble units that B.A. candidates may count toward graduation.

- 001. Choral Art Society (0.25 unit; Hiester)**
- 002. Symphonic Wind Ensemble (0.25 unit; Griffin)**
- 003. Jazz Band (0.25 unit; Griffin)**
- 004. Bishop Band (0.25 unit; Griffin)**
- 005. Chamber Orchestra (0.25 unit; Matsuda)**

### Music Ensembles

#### **Ensemble (0.13 unit)**

Study and performance of small ensemble and chamber music literature. F, S.

- 006. String Ensemble (Fujiwara)**
- 007. Brass Ensemble (Griffin)**
- 008. Woodwind Ensemble (Gamso)**
- 009. Percussion Ensemble (Krygier)**
- 011. Opera Theater (0.25 unit; Hiester)**

#### **012. Piano Accompanying/Ensemble (0.25 unit; Staff)**

Study and performance of piano accompaniment and chamber music literature with emphasis on the pianist's role in various types of ensemble situations. Two semesters of Piano Accompanying are required of all B.M. piano majors; others by permission of instructor.

#### **013. Piano Accompanying/Recital Accompanying (0.25 unit; Staff)**

Open to piano majors and other qualified keyboard students who are accompanying junior and senior recitals. Course must be taken in conjunction with applied piano and with the respective piano instructor. Consent of instructor required.

#### **014. Chamber Singers (0.25 unit; Hiester)**

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# Majors and Courses of Instruction

## *Neuroscience*

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### Neuroscience

Neuroscience is a rapidly emerging interdisciplinary field of study whose primary purpose is to develop a better understanding of the specific neural mechanisms that regulate mental processes and behavior in both humans and animals. At Ohio Wesleyan the neuroscience program combines courses in the Departments of Zoology, Psychology, Chemistry, and Botany-Microbiology to provide students with an adequate background to develop an interest in and preparation for graduate study and a career in the field of neuroscience or a related discipline. The neuroscience major combines a strong foundation in basic sciences with more specialized courses in psychology and zoology to examine specific brain functions from a structural, functional, and evolutionary viewpoint. Postgraduate study in fields such as neuroscience, molecular biology, behavioral medicine, neurophysiology, neuropsychology, neuropharmacology, biotechnology, and animal behavior are among the many postgraduate options available. Students who are considering an undergraduate major in neuroscience should contact Dr. Robbins (Psychology) or Dr. Leupen (Zoology).

Students may complete a major in neuroscience by satisfying the following course requirements together with those for a second, departmental major of the student's choice. The required additional major might include chemistry, psychology, zoology or other related disciplines. Completing the requirements for the neuroscience major plus those of a second major requires considerable forethought and planning.

Core Courses: (12 courses)

**Chemistry — CHEM 110, 111, 260, 261**  
**Math — MATH 105, 230 or PSYC 210**  
**Psychology — PSYC 310, 343, 374**  
**Zoology — ZOOL/BOMI 120, 271, ZOOL 325, 331**

Electives: (2 courses required) To develop as much breadth as possible students completing their other major in one of the core disciplines are urged to consider electives outside the requirements for their other major.

**Chemistry — CHEM 340, 341, 350, 351, 440**  
**Computer Science — CS 340**  
**Physics — PHYS 110-11 (required for PHYS 275) OR 115-116, 275**  
**Psychology — PSYC 346, 363, 364**  
**Zoology — ZOOL 261, ZOOL/BOMI 356, ZOOL 331, 333, 343, ZOOL/BOMI 351**



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# Majors and Courses of Instruction

## *Philosophy*

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### **Philosophy**

*Associate Professor Calef, S. Stone-Mediatore*  
*Assistant Professor Flynn*

The courses offered by the faculty of philosophy cover a broad spectrum of the discipline, from philosophy of law to issues of technology in modern society, from logic to ethics to feminism, from Plato to Marx to Sartre. From a practical standpoint, philosophy develops intellectual skills that are basic to identifying problems and crafting solutions in almost any subject area. Majors go into business, law, teaching, and careers in the ministry and medicine.

### **Major and Minor**

**Major in Philosophy:** at least eight courses in philosophy.

**Minor in General Philosophy:** five courses in philosophy including one upper-level course.

### **Courses**

#### **110. Introduction to Philosophy (Staff)**

Introductory examination of major concepts, themes, and issues in philosophy in relation to methods of reasoning, social policy, and philosophical systems. F, S.

#### **112. Critical Thinking (Staff)**

An investigation of what it means to think critically and responsibly in a variety of contexts. For instance, how can we think for ourselves, yet without simply repeating our own prejudices? How can we hold our own and others' arguments to rules of logic, yet without reducing thinking to mere rule following? And how can we expose ideological biases, when such biases structure our language and masquerade as "objective" truth? Possible authors include Plato, Kant, Marx and Marcuse. Projects will provide opportunities to apply critical reasoning to contemporary social problems.

#### **211. Ethics (S. Stone-Mediatore)**

(Not offered 2004-05)

What is happiness? What does it mean to treat someone with respect? How can our reasoning and our emotions contribute to ethical thinking? What kind of attitudes allow for systematic violence against other living beings and how can we resist such attitudes? Such questions will be investigated through a close study of ancient, modern, and contemporary texts in ethics. Possible authors include Aristotle, Hobbes, Kant, Marx, Arendt, and Audre Lorde.

#### **233. American Thought (Murchland)**

Leading thinkers and intellectual currents from the Puritan period to the present in relation to major philosophical concepts and social criticism. For the general student.

#### **250. Environmental Ethics (S. Stone-Mediatore)**

(Not offered 2004-05)

What can it mean for humans in the Internet age to live ethically with the non-human world? Is there any meaning left to "human," "animal," and "nature," when we take seriously the interconnections among these? And how can social movements respond effectively to interrelated social and environmental violence? This course will explore such questions through a study of classic and contemporary works in American transcendentalism, environmental holism, ecofeminism, and environmental justice. S.

#### **310. Special Topics in Philosophy (Staff)**

A variable-content course devoted to timely and important topics in philosophy not encompassed by other courses. The course might focus on a contemporary ethical issue, a

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# Majors and Courses of Instruction

## *Philosophy*

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distinct field of philosophy, or the work of a specific philosopher. Possible topics include philosophy of violence and nonviolence, philosophy of language, or seminar on Hegel.

### **341. Logic (Calef)**

(Not offered 2004-05)

A discussion of informal fallacies and propaganda techniques, traditional formal logic, and symbolic logic through elementary quantification theory. Emphasis in the course is on formal symbolic logic and on the development of skills. F.

### **343. Philosophy and Science (Burnside)**

(Not offered 2004-05)

Philosophical problems relating to scientific knowledge and methodology, the place of value in science, and the impact of science upon value systems. S.

### **345. Philosophy of Religion (Calef)**

(Not offered 2004-05)

An investigation of some of the major philosophical questions and problems generated by eastern and western religious traditions, with emphasis on the latter. The course will focus on the assessment of religious arguments, the identification of the presuppositions that underlie religious claims, and the analysis of the meaning of religious utterances. See REL 372. F.

### **346. History of Ancient Philosophy (Calef)**

(Not offered 2004-05)

Leading philosophers and intellectual currents from the early Greeks to the Roman Period. The major emphasis is on the genesis of western thought among the pre-Socratic philosophers, and its crystallization in the works of Plato and Aristotle.

### **347. History of Medieval and Renaissance Philosophy (Murchland)**

(Not offered 2004-05)

A survey of major intellectual trends from the Stoics through Augustine, Thomas Aquinas and selected Renaissance thinkers. Special emphasis on the historical background and intellectual development of Islam. F.

### **348. History of Modern Philosophy (Calef)**

(Not offered 2004-05)

A study of select philosophers from the modern period (primarily the 17th and 18th centuries), emphasis falls on continental rationalism (e.g. Descartes and Leibniz) and British empiricism (e.g. Locke and Hume). The course covers the principal metaphysical and epistemological doctrines of these approaches and their attempted reconciliation in Kant's critical philosophy.

### **349. Nineteenth Century Philosophy**

A study in the major philosophical figures of the 19th century, emphasis falls on the social and moral philosophy of the age as the groundwork for principal intellectual trends in the 20th century. We will pay special attention to what it is to live an autonomous and authentic modern life in light of the recession of traditional sources of authority. Figures covered include Hegel, Marx, Kierkegaard, and Nietzsche. 348 strongly recommended as a prerequisite.

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# Majors and Courses of Instruction

## *Philosophy*

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### **350. Feminist Philosophy (S. Stone-Mediatore)**

(Not offered 2004-05)

A study of the contribution of twentieth century feminist philosophy to our understanding of the basic dimensions of human life, including identity and autonomy, knowledge and power, justice and violence. Attention will also be devoted to tensions within feminist philosophy as well intersections among feminist, socialist, and postcolonial analysis. Possible authors include Simone de Beauvoir, Genevieve Lloyd, Dorothy Smith, Catherine Mackinnon, Domitila Barrios de Chungara, and Uma Narayan. Prerequisite: one philosophy course or one upper-level Women's and Gender Studies course.

### **351. Philosophy of Law (Flynn)**

(Not offered 2004-05)

A study of the main questions of the philosophy of law in three parts. First, what is the nature of law? What obligation do we have to it? How are judges to interpret it? Second, how is the law to be administered justly? How are our Constitutional rights balanced against other social needs? In what ways can the law justly rectify race and gender inequality? Third, for what may we be held responsible and punished? How do we ascribe responsibility? What is the punishment and what justifies it? Can capital punishment be legally justified?

### **354. Social and Political Philosophy (S. Stone-Mediatore)**

What are the social, cultural and political conditions necessary for freedom? How can we best balance our need for freedom and for community? What are the greatest threats to human dignity in our own world and how can we best respond to these? Such questions will be addressed through a study of major texts in modern political philosophy and with attention to contemporary social and political problems. Possible authors include Hobbes, Locke, Marx, Arendt and Fanon. Prerequisite: one philosophy class or permission of instructor. S.

### **360. Seminar in Bioethics (Calef)**

This course construes bioethics broadly to encompass medical ethics, biological research, and health-related public policy. Topics covered typically include abortion, infanticide, euthanasia, medical paternalism, obligations of medical personnel to tell the truth, confidentiality, medical experimentation and informed consent, genetic control, intervention and research, reproductive technology, allocation of medical resources, alternative and complementary therapies, medical capitalism, and the right to health care. F.

### **362. Aesthetics (J. Stone-Mediatore)**

(Not offered 2004-05)

What is beauty? Why does art give us pleasure? How can musical sounds express human emotions? How are the aesthetic, the erotic and the political spheres of human experience interrelated? This course explores these questions and others concerning the production, criticism, and appreciation of the arts. Theorists considered include Plato, Aristotle, Burke, Nietzsche, Langer and Freud. The course also examines many art-works, constantly testing aesthetic theories in light of actual aesthetic experience. Examples considered range from Greek tragedy to Renaissance painting to rock music.

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# Majors and Courses of Instruction

## *Philosophy*

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### **369. International Business Ethics (Flynn)**

Major ethical principles and their application to modern business practices are discussed. The course uses case studies to focus on the modern corporation, with special attention to ethical dilemmas arising in the context of international business. Also listed as EMAN 369. F, S.

### **371. Mathematical Logic (Nunemacher)**

A study of the foundations of mathematics and logical reasoning. Topics include propositional calculus, predicate calculus, properties of formal systems, completeness and compactness theorems, Godel's Incompleteness Theorem, and axiomatic set theory. Some attention will be given to related philosophical issues. Prerequisite: MATH 250. See MATH 310.

### **390. Seminar in Existentialism (Murchland)**

Intensive study of the existential themes of freedom, individuality, and the meaning of life from Kierkegaard to Sartre. Prerequisite: one philosophy course. For juniors and seniors. S.

### **391. Seminar in Plato (Calef)**

Intensive analysis of a number of Plato's dialogues, with special emphasis on the development of Plato's thought, the problems he faced and how he dealt with them at the different stages of his career. S.

### **490. Independent Research (Staff)**

Study of a particular issue or philosopher initiated and pursued by the student in consultation with the instructor as to topic, bibliography, evaluation of research. F, S.

### **491. Directed Readings (Staff) F, S.**

### **495. Apprenticeship (Staff)**

Internships, practicums and field work that can be linked to philosophical concepts in the form of research papers and reports.

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# Majors and Courses of Instruction

## *Physical Education*

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### **Physical Education**

*Professors Carney-DeBord, Gehring, Martin, Shade*  
*Associate Professors Hawes, Knop*

Among undergraduate physical education programs, Ohio Wesleyan's is clearly one of the most diverse and modern. While the teacher concentration program continues to be a strong part of the curricula, faculty members have added innovative programs that provide students with specific areas of concentration. This structure offers options and preferences in preparing the student for a future in a diverse work environment. Students in the program can prepare for careers in teaching, sport medicine, sport management, and other sport study areas. The department also offers a physical education/coaching or sport science minor for the student with a major in another department.

In addition to the majors program, the department offers activity courses for the student body. These courses emphasize lifetime activities. Many of these courses are offered in sequence to improve the student's proficiency in a systemized manner. These courses are designed to meet the needs and interests of the students, and are offered in modules of seven weeks duration. Before signing up for an activity course, the student should note the following:

- each course carries 0.25 unit of credit
- credit for as many as eight courses (two units) will be applied to the thirty-four units required for graduation and will count in the grade point average
- students must start all sequential courses at the beginning level unless given permission by the instructor for advanced courses
- a student may not enter a lower level course after completion of a higher level course (e.g., after completing the advanced level, the student may not enter the intermediate level and, after receiving credit at the varsity level, the student may not enroll at a lower level)
- special fees are required for certain courses
- activity class descriptions can be found on the physical education department's Web site at <http://physed.owu.edu>

### **Major**

**General Physical Education Major:** Please note that some of the following listed courses have prerequisites. Courses needed: PE 0032, PE 0034, PE 0122, PE 114, PE 140, PE 141, PE 231, PE 260, (PE 343 or PE 363), PE 499, ZOO 251, (PSYC 210, MATH 105 or MATH 260); and four additional courses from PE 100.1, PE 200.2, PE 286, PE 300.1, PE 300.4, PE 300.5, PE 300.7, PE 343, PE 345, PE 352, PE 355, PE 363, PE 365, and PE 495. All candidates must also be certified in CPR and First Aid.

### **Concentrations**

**Sports Management Concentration:** This area of concentration prepares the student for opportunities in a variety of fields that combine physical/sport activity with other areas such as sport management, marketing, retail, and corporate fitness. Please note that some of the following courses have prerequisites. Courses needed: PE 0032, PE 0034, PE 0122, PE 114, (PE 140 or PE 141), PE 231, PE 260, (PE 100.1, PE 343 or PE 363), PE 385, PE 495 (Facility and Game Management at OWU), PE 499, ACCT 217, ECON 110, EMAN 210, EMAN 361, (PSYC 210 or MATH 105 or MATH 260); and one additional course from ACCT 348, EMAN 320, EMAN 325, or ENG 310. All candidates must also be certified in CPR and First Aid. (With this concentration, students cannot earn a management minor.)

**Sports Science Concentration:** This area of concentration prepares the student for advanced study in the fields of physical therapy, athletic training, exercise physiology, biomechanics, and sports psychology. Please note that some of the following listed courses

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# Majors and Courses of Instruction

## *Physical Education*

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have prerequisites. Courses needed: PE 0032, PE 0034, PE 0122, PE 114, PE 140, PE 141, PE 231, PE 260, PE 345, PE 352, PE 355, PE 365, PE 495, PE 499, ZOOL 251, (ZOOL 325, ZOOL 331, or PSYC 343), (PSYC 210, MATH 105, or MATH 260); and one additional course from PE 200.2, PE 300.1, PE 300.6, PE 343, PE 363, MATH 110, PHYS 110, PHYS 111, PHYS 115, PHYS 116, CHEM 110, CHEM 111, PSYC 243, PSYC 343, PSYC 310, or ZOOL 331. All candidates must also be certified in CPR and First Aid.

**Teaching Certification Concentration:** This area of concentration prepares the student for a career in teaching physical education. Students preparing for a career in teaching must begin the major in the sophomore year by completing ZOOL 251 or EDUC 251 by the end of the sophomore year.

In order to qualify for licensure in physical education the student must:

1. Complete the gateway as established by the physical education department;
2. receive a "B" or better in EDUC 251;
3. be accepted as a candidate for teaching by the education department; and
4. have successfully completed the requirements for the Praxis examinations.

Additional semesters beyond four years may be necessary to complete degree/licensure requirements if the above criteria are not met.

**Physical Education: Teaching Concentration: PreK-12:** Please note that some of the following listed courses have prerequisites. Courses needed: PE 0032, PE 0034, PE 0100, PE 0122, PE 0123, PE 01501, PE 01502, PE 114, PE 140, PE 141, PE 231, PE 260, PE 269, PE 286, PE 345, PE 352, (PE 343 or PE 363), PE 381, PE 382, PE 383, PE 384, PE 499, ENG 145, EDUC 110, EDUC 251, EDUC 377, EDUC 471, EDUC 472, EDUC 473, EDUC 474, (PSYC 210 or MA 105 OR MATH 260), ZOOL 251; and two additional courses from PSYC 321, PSYC 322, PSYC 323, PSYC 333, PSYC 335, PSYC 336, PSYC 337, SOAN 347, SOAN 351, SOAN 354. All candidates must also be certified in CPR and First Aid.

### Minors

#### **Physical Education/Coaching**

This minor requires six units. Courses needed: PE 0032, PE 0034, (PE 140 or PE 141), (PE 114 or PE 231), PE 200.2, PE 260, PE 286, (PE 343 or PE 363); and one additional course from PE 381, PE 382, PE 383. All candidates must also be certified in CPR and First Aid.

#### **Physical Education/Sports Science**

This minor requires six units. Courses needed: PE 0032, PE 0034, PE 140, PE 141, (PE 114 or PE 231), PE 260; and three additional courses from PE 345, PE 352, PE 355, PE 365. All candidates must also be certified in CPR and First Aid.

### Courses

#### **001-093. Elected Physical Education (0.25 units each; Staff)**

Activity courses are designed to meet the interests of the students. Each course carries 0.25 units of credit. Only the first eight courses (two units) will be applied to the 34 units required for graduation and will count in the grade point average. Many of these courses are sequential and, therefore, it is recommended that students begin at the lowest level. Students may not enter a lower level course after taking a higher level course (e.g., after the student has completed the advanced level he/she may not take the intermediate or beginning level course and after receiving credit at the varsity level, the student may not enroll at a lower level.)

#### **100.1 Coaching and Sport: Leadership Development (Carney-DeBord)**

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# Majors and Courses of Instruction

## *Physical Education*

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This course will be devoted to leadership within the context of competitive sport team, educational, and business settings. Students will study various leadership theories and entertain different methods of applying theory to practice within the physical activity and sport environment. Gender differences will be explored as they pertain to the implementation of various leadership models. Students will engage in observational experiments and writing opportunities. Prerequisites: 231 or consent. F, SU.

### **114. Personal Health and Exercise (Knop, Redmond)**

An introductory course which focuses on a concept approach to health literacy. Students will have the opportunity to explore the mental, emotional, physical, and social dimensions of health; various at risk behaviors; the health of individuals, families, communities; and individual health related interests. F, S.

### **140. Core and Dynamic Strength Training (0.5 unit; Knop, Redmond)**

The goal of this course is to create opportunities for students to experience the application of theories of core and dynamic strength training to their current level of fitness and reflect on these experiences. It is important for students who will soon be teaching and prescribing similar teaching regimens to have experienced the training theories and reflected on the physical changes training regimens cause to their bodies. All students will engage in core and strength fitness training consistent with sound theories and commensurate with their current fitness level. F, S.

### **141. Cardiovascular and Flexibility Training (0.5 unit; Gehring, Boey)**

The goal of this course is to create opportunities for students to experience the application of theories of cardiovascular and flexibility fitness to their current level of fitness and reflect on these experiences. It is important for students who will soon be teaching and prescribing similar teaching regimens to have experienced the training theories and reflected on the physical changes training regimens cause to their bodies. All students will engage in cardiovascular and flexibility fitness training consistent with sound theories and commensurate with their current fitness level. F, S.

### **200.2 Introduction to Management of Physical Activity and Sport (Martin)**

The purpose of this course is to expose the student to a "hands on approach" to sport and physical activity management in theory and practice. Topics include an overview of management in sport and physical activity environments, fiscal control, philosophy, problem solving, decision making, communication, equipment purchasing and facility strategies, and the law as it applies to physical activity and sport. Prerequisites: 231 or consent. F, S.

### **231. History, Philosophy, and Principles of Physical Education (Shade, Gehring)**

An introductory course in the field of physical education that investigates fundamental foundations of the discipline. This includes studying and recognizing the importance of establishing a philosophical base, exploring basic psychological and sociological foundation principles, and reviewing the history of the profession. F.

### **260 Exercise Prescription (Gehring, Knop)**

The purpose of this course is to guide and enhance student understanding of the principles involved in safe and effective prescription of exercise. Students will develop skills required to evaluate fitness levels, develop programs for different components of fitness (cardiorespiratory, flexibility, body composition, muscular efficiency) for a variety of populations, instruct people about proper cardiovascular, resistance, and flexibility training techniques, and effectively educate and/or counsel individuals regarding activity and

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# Majors and Courses of Instruction

## *Physical Education*

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lifestyle issues. Prerequisites: 0032, 0034, (114 or 231) and (140 or 141). S.

### **269. Rhythm and Movement (0.5 unit; Redmond)**

Introduction of various types of rhythmic activities and patterns and an examination of the importance of rhythmic experiences in enhancing motor development. Prerequisite: 231 or consent. S.

### **286. Individual and Team Activities (Knop)**

This course examines the teaching and coaching of sports activities. Coaching topics include philosophy, ethics, qualities, and important issues and concerns in athletics. A variety of activities used in physical education classes are presented. Prerequisites: 231, major or minor. S.

### **300.1 Aging and Physical Activity: An Introduction to Qualitative Investigation (Knop)**

(Not offered 2005-06)

The overall goal of this course is to explore the impact physical activity has on the process of aging using the concepts and methods of qualitative research. Through the process of reading and in-depth investigation, students will gain a greater understanding of the physical, social, and cognitive issues involved in the aging process. Further, they will become familiar with the concepts, methods, and ethics of qualitative research in both a theoretical and hands-on way. Prerequisite: junior or senior status.

### **300.4 Women in Sport and Physical Education (Gehring)**

(Not offered 2005-06)

The purpose of this course is to examine critically the impact sport as a "male preserve" (Dunning, 1985; Theberge, 1985) has had on girls' and women's participation in sport, physical education, and physical activity in the past and present. Feminist theories will be applied to sport and physical education. Past and current policies and practices in sport and PE will be examined from a gendered perspective. As this is a writing course, students will engage in extensive writing opportunities throughout the semester.

### **300.6 Sports and Exercise Nutrition (Knop)**

This course will attempt to integrate concepts from basic human movement physiology, energy use, and nutrition to understand the interrelationship between the human exercise response and the nutritional demands needed to fuel it in the short term and maintain efficient body functions in the long term. Prerequisites: ZOOL 251 or equivalent; PE 260; or consent. SU.

### **300.7 Advanced Issues in Management of Physical Activity and Sport (Martin)**

This course introduces the student to issues and concerns specific to physical activity and sport. The course will examine content areas considered by NASPE-NASSM Sport Management Review Council to be essential to the professional preparation of sport and physical activity managers. These areas include the sociocultural dimensions of sport (race, gender, disability, etc.), management and leadership, ethics, sport marketing, communication and sport governance. Attention will be paid to both national (i.e. NCAA, professional sports, etc.) and international (Fifa, Uefa, Olympics, etc.) sport. Upon completion of the course student will have a fundamental knowledge of sport and physical activity management at all levels. Prerequisite: 200.2. F, S.

### **343. Contemporary Issues in Sport (Gehring)**



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# Majors and Courses of Instruction

## *Physical Education*

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A study of sport historically, sociologically, economically and politically, including the study of sporting activities and the influence on humans and society. F.

**345. Kinesiology (Knop, Hawes)**

(Not offered 2004-05)

Function of bones, ligaments, and muscles. Emphasis on physical motion. Prerequisites: ZOOL 251 or equivalent. F.

**352. Motor Learning (Gehring, Knop)**

Theories and principles of motor learning with special consideration of application to physical education and sport activities. Prerequisites: PSYC 110, or consent. F.

**355. Medical Aspects of Sport Activities (Gehring, Knop)**

Medical aspects of sport activities pertinent to the physical educator. Subjects included are adapted physical education, mainstreaming, physical screening, conditioning, exercise prescription, injury prevention, and the care of injuries. Prerequisites: 231 and ZOOL 251 or equivalent. S.

**363. The Mental Aspects of Sport Performance (Carney-DeBord, Gehring)**

The literature concerning the mind and its effect upon sport performance. The viewpoints of both the participant and the coach are considered from the individual and team sport perspectives. Prerequisite: PSYC 110 (PSYC 222 is recommended) or consent. F.

**365. Physiology of Exercise (Hawes)**

Human responses and adaptations to muscular activity, specifically dealing with the scientific basis of activity, physical fitness, and metabolism. Prerequisite: ZOOL 251 or equivalent. S.

**367. Recreation (0.5 unit; Holliday)**

(Not offered 2005-06)

Introduction to the field of recreation and its role in today's society, including current trends in recreation, community programs, recreation for special populations, and recreation in the schools. Prerequisite: 231 or consent. S.

**381. Methods of Teaching Physical Education: Early Childhood Years (0.5 unit; Shade)**

(Not offered 2005-06)

Introduction of an overview of theory and practical experiences for teaching movement activities to children in the early childhood years. Implementing teaching protocols, selecting developmentally appropriate activities and instructional strategies, and understanding the importance of movement, exercise, and play for young children are critical elements of the course. The course design is created to assist future teachers in successfully working towards a goal of physically educated children. Prerequisite: EDUC 251 or consent. See EDUC 381. S.

**382. Methods of Teaching Physical Education: Middle School Years (0.5 unit; Shade)**

(Not offered 2005-06)

Introduction of an overview of theory and practical experiences for teaching movement activities to children in the middle school. Implementing teaching protocols, selecting

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# Majors and Courses of Instruction

## *Physical Education*

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developmentally appropriate activities and instructional strategies, and understanding the importance of movement, exercise, and play for middle school age students are critical elements of the course. The course design is created to assist future teachers in successfully working towards a goal of physically educated children. Prerequisite: EDUC 251 or consent. S.

### **383. Methods of Teaching Physical Education: Secondary School Years (0.5 unit; Knop)**

Introduction of an overview of theory and practical experiences for teaching movement activities to secondary school students. Implementing teaching protocols, selecting developmentally appropriate activities and instructional strategies, and understanding the importance of movement, exercise, and wellness as part of a healthy lifestyle for secondary school age students are critical elements of the course. The course design is created to assist future teachers in successfully working towards a goal of physically educated people. Prerequisite: EDUC 251. F.

### **384. Field Experience (0.5 unit, Knop)**

This practicum is designed to be taken after students are accepted into the Education department and have taken at least one methods course. Students participate in a series of planned and mentored field experiences at their preferred level of physical education teaching (pre-school, elementary, middle, or high school). These experiences will include focused observations and the integration of theory and practice as students plan and teach lessons and make appropriate curricular and pedagogical decisions in a school environment. Prerequisites: acceptance into education department, 0100, 260, and one of 381, 382, or 383. See EDUC 384. F.

### **490. Independent Study (Staff)**

Guided research projects and independent study completed under the guidance of a faculty member. Prerequisite: consent of instructor. F, S.

### **491. Directed Readings (Staff)**

An in-depth exploration of special interest topics. This course is for physical education majors only. Prerequisite: consent of instructor. F, S.

### **495. Apprenticeship (Staff)**

Junior or senior majors and minors, under faculty supervision, locate a position in an area of concentration. This course demands frequent contact with the sponsoring faculty member, extra readings, and a final report tying the work experience with the academic experience. Permission of the physical education chair is required. Prerequisite: consent of instructor. F, S.

### **499. Senior Seminar: Topics in Research and Current Trends in Health, Physical Education, and Sport (Shade)**

Current research and trends in health, physical education, and sport are addressed. Students are asked to put knowledge and theory into practice and are required to keep a professional portfolio of all completed assignments. Prerequisite: senior majors. F.

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# Majors and Courses of Instruction

## *Physics and Astronomy*

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### Physics and Astronomy

*Professor Andereck*  
*Associate Professors Trees, Harmon*  
*Assistant Professor Kaye*

The physics and astronomy department offers a flexible program designed to meet the needs of a wide variety of students who are usually interested in one of the following options: (1) preparation for graduate study in physics or astronomy; (2) secondary education; (3) pre-engineering; (4) preparation for graduate school in a field cognate to physics; (5) preparation for professional school in medicine, dentistry, or law. To be accepted by the department as majors, students will normally complete during the freshman year the general physics sequence (110C, 110L, 111C and 111L) or its equivalent, and MATH 110 and 111; MATH 210 and 280 are to be completed in the sophomore year. Pre-engineering students must take a year of introductory chemistry during their residency at Ohio Wesleyan. Some of these requirements also can be met by transfer of credits, proficiency examinations, or advanced placement. Students whose performance on the PHYS 110 Placement Exam indicates placement in PHYS 280 are eligible to receive credit for PHYS 110C. To receive this credit, students must complete PHYS 110L with a grade of C (not C-) or higher during their first semester at Ohio Wesleyan. (The department *may* allow a student to postpone the lab until the second year if exceptional circumstances warrant such a decision.) In addition, students who also pass the PHYS 111 placement exam will be given credit for PHYS 111C upon completion of PHYS 110L with the grade of C (not C-) or higher. Students who need or want credit for PHYS 111L must either take the lab for credit or complete PHYS 275 (Electronics) with a grade of C (not C-) or higher. Students have only *one* opportunity to earn credit for PHYS 110C (and PHYS 111C) by passing PHYS 110L with a grade of C (not C-) or higher.

### Majors and Minors

**Physics Major:** Minimum course requirements for a physics major and graduate school preparation are listed below. Students interested in graduate school in biophysics, geophysics, oceanography, or other cognate interdisciplinary areas will be counseled on an individual basis regarding additional course selection. Secondary education majors will meet the minimum requirements and normally complete an additional course. Pre-engineering required courses are listed below.

Many students majoring in physics also elect to major in another of the natural or mathematical sciences, or in a social science; for such students additions to the minimum physics program will be selected according to individual needs and career aspirations.

Most students elect additional mathematics or computer science courses dealing with such topics as advanced calculus, applied mathematics, complex variables, computer programming languages, and numerical analysis.

**Pre-Engineering Option:** Students who meet all University graduation requirements including the completion of at least 24 courses (each a full unit course, a 1.25-unit course or two modular 0.50-unit courses in the same department) and maintain at least a 3.00 cumulative grade point average overall and in the major during residence on campus may transfer to an engineering school at the end of their third year for two more years of study (see Combined Bachelor's/Professional Degrees in the previous chapter of this *Catalog*). Students must also complete the department's assessment exercises before departing Ohio Wesleyan. Upon successful completion of the engineering school program, the student will receive a B.A. degree in physics from Ohio Wesleyan and a bachelor of engineering degree from the engineering school. Ohio Wesleyan has cooperative arrangements with the following engineering schools: Case Western Reserve University, Rensselaer Polytechnic

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# Majors and Courses of Instruction

## *Physics and Astronomy*

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Institute, Washington University (St. Louis), California Institute of Technology (admission to the California Institute of Technology is not automatic for those qualified, but will be determined by that institution), Polytechnic Institute of New York and the New York State College of Ceramics at Alfred University. Not all engineering fields are available at all cooperating engineering schools. In addition, qualified students can transfer without difficulty to engineering schools with which Ohio Wesleyan has no formal pre-engineering arrangements, such as The Ohio State University or Georgia Institute of Technology. Students are counseled individually in course selection suitable for the engineering field.

A three-year U.S.A. liberal arts residency is required.

**Astrophysics Major:** The astrophysics major is intended to prepare the student for graduate study in astrophysics or in physics, or for employment in the same types of jobs for which a physics major is prepared. The major provides the strong background in physics and mathematics required for a deep understanding of astrophysical phenomena.

Students may not major in both physics and astrophysics, or major in astrophysics and minor in physics. Students may major in physics and minor in astrophysics but not astronomy.

**Physics Major:** Physics courses: 110, 111, 275, 280, 310 or 320, 345, 360, 380, 498 and 499; MATH courses: 110, 111, 210, and 280. Physics graduate school preparation should include the remaining of 310 or 320 and as many of the following as possible: 361, 375, 381 and special problems courses. Recommended: CS 110, MATH 330, 380.

**Pre-Engineering Option:** Physics courses: 110, 111, 275, 280, 310 or 320, 345 or 375, and one from among 330, 340, 350, 360, 380, 420, or 480; CHEM 110, 111; MATH 110, 111, 210 and 280. Recommended: CS 110, MATH 330, 380. Successful completion of all course work at the engineering school is also a requirement for the B.A. in physics from Ohio Wesleyan for this option.

**Astrophysics Major:** Astronomy courses: 275, 310, 311, 498, 499; Physics courses: 110, 111, 280, 310, 360, 380; Math courses: 110, 111, 210, 280; recommended: CS 110, PHYS 320, 361. The courses listed as "recommended" are suggested for students intending to pursue graduate studies.

**Physics Minor:** PHYS 110 and 111 or 115 and 116, and a minimum of three physics courses numbered 250 or above.

**Astrophysics Minor:** ASTR 275, 310, 311, and one from among 260, 330, or 490; PHYS 280.

**Astronomy Minor:** ASTR 110, 111, one from among 260, 330 or 490; PHYS 110 and 111 or 115 and 116; and one additional course numbered 250 or above in astronomy, physics, or geology, to be determined in consultation with the astronomy advisor.

*Note: No more than one course counted toward a minor may be taken credit/no entry.*

## Secondary Education Licensure

Students interested in teaching high school physics are required to meet physics licensure requirements. The specific requirements are available from the education department. Students with an interest in teaching may wish to create a self-designed major in physical science, in consultation with a faculty member.

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# Majors and Courses of Instruction

## *Physics and Astronomy*

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### Physics Courses (PHYS)

#### **101. Elementary Physics (1.25 units; Andereck)**

(Not offered 2005-06)

Designed especially for students seeking middle childhood licensure in science. The course requires no mathematics beyond elementary algebra and assumes no prior knowledge of physics. Topics to be covered include motion, energy, waves, sound, light, electricity, magnetism, and heat. The emphasis will be on the discovery approach to learning and on material that can be used in an elementary and middle school classroom. Laboratory and lecture/discussion will be integrated in three 2-hour sessions per week.

#### **105. Wave Physics: Light, Sound, and Water (Staff)**

(Not offered 2005-06)

The physics of color, image formation, sound production and harmony, recording, radio and television, and sailing and surfing. Discussions are mostly qualitative and emphasize understanding.

#### **110C. General Physics for Physical Science Majors I (Trees)**

The first semester of a two-semester sequence of introductory physics. The topics are classical mechanics and waves. Calculus is used, so the calculus sequence in mathematics should be taken concurrently or prior to the physics sequence. Students may not receive graduation credit for both 110C and 115. Corequisite: 110L and MATH 110. F.

#### **110L. General Physics Laboratory I (0.25 units; Trees)**

Accompanies PHYS 110C. Extends physical concepts presented in the classroom to the laboratory. The student will learn practical measurement techniques, instrumentation, and computer interfacing. Corequisite: 110C. F.

#### **111C. General Physics for Physical Science Majors II (Trees)**

Continuation. The topics are thermal physics, electromagnetism, electric circuits, electromagnetic waves, and optics. Prerequisite: 110C, 110L. Students may not receive graduation credit for both 111C and 116. Corequisite: 111L and MATH 111. S.

#### **111L. General Physics Laboratory II (0.25 units; Staff)**

Accompanies PHYS 111C. Extends physical concepts presented in the classroom to the laboratory. The student will learn practical measurement techniques, instrumentation, and computer interfacing. Corequisite: 111C. S.

#### **115. Principles of Physics I (1.25 units; Kaye)**

The first semester of a two-semester sequence of introductory physics for biological science majors including pre-professional majors. Topics are classical mechanics, fluids, and thermodynamics. Each course is accompanied by one 3-hour laboratory period per week. Calculus is not required but is recommended; the student should be familiar with algebra, trigonometry, and some analytic geometry. An emphasis in these courses will be on the application of physical principles to problems of technology and other areas of science. Students may not receive graduation credit for both 115 and 110C. F.

#### **116. Principles of Physics II (1.25 units; Kaye)**

Continuation. The topics are wave motion, acoustics, electromagnetism including DC circuits, optics, and modern physics. Students may not receive graduation credit for both 116 and 111C. Prerequisite: 115. S.

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# Majors and Courses of Instruction

## *Physics and Astronomy*

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### **270. Science and Society (Burnside)**

The evolution of science and the generation of scientific knowledge as social phenomena. The popular view of science as a quest for objective reality is examined. Source material will be derived especially from physics and from the sociology of knowledge. Also listed as SOAN 270. S.

### **275. Electronics and Instrumentation I (1.25 units; Kaye)**

Topics include solid state diodes, transistors, transducers, and basic operational amplifier and digital circuitry using integrated circuits. This is an integrated lecture-laboratory course. Prerequisite: 111 or permission of instructor. S.

### **280. Contemporary Physics (Andereck)**

An intermediate level course providing the ideas and tools needed for students to study advanced physics. Topics include fundamental forces and particles, symmetry and conservation laws, Heisenberg uncertainty principle, relativity, Fourier analysis, as well as a selection of topics from among nuclear decay, scattering theory, wave theory, chaos, and other topics of interest in contemporary physics. Prerequisite: 111 or permission of instructor. Corequisite: MATH 111. F.

### **310. Mechanics (Staff)**

(Alternate years. Offered 2006-07)

Topics include the classical mechanics of particles and extended matter (central forces, scattering, oscillations, rotational motion) as well as more advanced Hamiltonian and Lagrangian methods. Prerequisite: 280 or permission of instructor.

### **320. Thermal and Statistical Physics (Staff)**

(Alternate years. Not offered 2005-06)

An intensive review of classical thermodynamics, including phase equilibria, thermodynamic potentials, and classical theory of phase transitions. An introduction to statistical physics from the quantum mechanical approach; topics include canonical and grand canonical ensembles, partition functions, and the theory of quantum ideal gases. The theory is applied to cavity radiation, heat capacity of solids, the behavior of electrons in metals, and semiconductor physics. Prerequisite: 280 or permission of instructor. Recommended: MATH 280.

### **330. Special Problems in Astrophysics (Staff)**

(Offered as needed.)

See ASTR 330. Prerequisite: 280 or permission of instructor.

### **340. Special Problems in Mathematical Physics (Staff)**

(Offered as needed.)

Prerequisite: 280 or permission of instructor.

### **345. Advanced Physics Lab (1.25 units; Kaye)**

A junior-level laboratory designed to give students experience in independent research in experimental physics. Experiments include topics in optics, electricity and magnetism, atomic physics, and quantum physics. Strong emphasis will be given to statistical analysis of data, error analysis, interpretation of measurements, techniques of measurement, and experimental design. Computer control of apparatus and computational analysis will also be emphasized. The course meets six hours per week. Prerequisite: 275 or permission of instructor. Recommended: CS 110. F.

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# Majors and Courses of Instruction

## *Physics and Astronomy*

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### **350. Special Problems in Condensed Matter Physics (Staff)**

(Offered as needed.)

Prerequisite: 280 or permission of instructor.

### **360. Electromagnetic Theory (Staff)**

(Alternate years. Offered 2005-06)

Topics include electrostatics, magnetostatics, induced electromotive forces, Ampere's law, Maxwell's equations in free space and in electric and magnetic materials, and electromagnetic waves. Vector calculus is used throughout. Prerequisites: 280, MATH 280.

### **361. Optics (Staff)**

(Not offered 2005-06)

Topics include superposition of waves, diffraction, interference, polarization, Fourier and contemporary optics. Prerequisite: 360 or permission of instructor. S.

### **375. Electronics and Instrumentation II (1.25 units; Kaye)**

(Not offered 2005-06)

Continuation at a more advanced level. Topics include active filters, analog-to-digital and digital-to-analog conversion, data communications concepts, microprocessors, microprocessor support integrated circuits and their use in interfacing with scientific equipment. This is an integrated lecture-laboratory course. Prerequisite: 275. F.

### **380. Quantum Mechanics I (Staff)**

(Alternate years. Offered 2006-07)

Topics include Schroedinger's equation and its solution for wells, steps, barriers, the harmonic oscillator, the free particle and the hydrogen atom. Prerequisites: 280, MATH 280. (MATH 270 is helpful.)

### **381. Quantum Mechanics II (Staff)**

(Offered as needed.)

Continuation at a more advanced level. Topics include multi-electron atoms, properties of solids, nuclear models and reactions, and particle physics. Prerequisite: 380.

### **420. Special Problems in Fluid Physics (Staff)**

(Offered as needed.)

Prerequisite: 280 or permission of instructor.

### **480. Special Problems in Advanced Quantum Theory (Staff)**

(Offered as needed.)

Prerequisite: 280 or permission of instructor.

### **490. Independent Study (Staff)**

For students who wish to pursue topics in physics not covered in regular courses. F, S.

### **491. Directed Readings (Staff) F, S.**

### **498. Physics Seminar (0.5 unit; Trees)**

Required of all junior four-year majors. Open to interested pre-engineering students.

Students will read journal articles, present talks, attend seminars presented by external and internal speakers in the department, and consult with faculty to determine an advisor and a topic for the senior research project (PHYS 499). Also listed as ASTR 498. S.

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# Majors and Courses of Instruction

## *Physics and Astronomy*

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### Astronomy Courses (ASTR)

**499. Research (0.5 units; Staff)**

Required of all senior four-year majors. Students will investigate a problem selected at the end of the junior year (PHYS 498) in consultation with a faculty member. Must be taken both semesters of the senior year. A research paper and talk are required. Also listed as ASTR 499. F, S.

All courses are open to non-majors.

**110. Elementary Astronomy (Andereck, Harmon)**

The sky and celestial motions. History of astronomy from ancient civilizations through Newton. Survey of the solar system. F, S.

**111. The Astronomical Universe (1.25 units; Harmon)**

The stars, their properties, classification, and evolution. Galaxies, quasars, and cosmology. Laboratory included. F.

**260. Cosmology (Andereck, Harmon)**

(Not offered 2005-06)

A study of historical and modern theories of the origin of the universe. The emerging picture of the early universe due to improved observations and the theories proposed to explain them will be explored. Unresolved problems concerning the Big Bang model will be discussed. Prerequisite: ASTR 111 or permission of instructor.

**275. Observational Astronomy Laboratory (1.25 units; Harmon)**

(Alternate Years. Offered 2005-06)

An integrated lecture and laboratory course covering the techniques of observational astronomy. Topics covered in the lectures will include celestial coordinates, spherical trigonometry, the mathematics of image processing, and the theory behind various astronomical instruments and detectors. Laboratory sessions will be conducted at the Student Observatory and at Perkins Observatory, and will introduce the student to astronomical CCD imaging, photometry, and spectroscopy. The course meets for six hours per week. Prerequisite: PHYS 111L or consent of instructor. F.

**310. Astrophysics I (Harmon)**

(Alternate years. Offered 2006-07)

The first in a two-course survey of modern astronomy and astrophysics intended for junior- and senior-level students majoring in physics or astrophysics. Topics include celestial mechanics, the interstellar medium, stellar atmospheres and interiors, star formation and evolution, white dwarfs, neutron stars, and black holes. Prerequisite: PHYS 280 or consent of instructor.

**311. Astrophysics II (Harmon)**

(Alternate years. Offered 2006-07)

The second in a two-course survey of modern astronomy and astrophysics intended for junior- and senior-level students majoring in physics or astrophysics. Topics include galaxy structure and evolution, active galactic nuclei and quasars, and cosmology. Prerequisite: 310.

**330. Special Problems in Astrophysics (Staff)**

Prerequisite: PHYS 280. See PHYS 330.



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# Majors and Courses of Instruction

## Physics and Astronomy

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**490. Independent Study (Staff)**

For students who wish to pursue topics in astronomy not covered in regular courses. F, S.

**491. Directed Readings (Staff) F, S.**

**498. Astrophysics Seminar (0.5 units; Trees)**

Cross-listed as PHYS 498; for the description see the listing for that course.

**499. Research (0.5 units; Staff)**

Cross-listed as PHYS 499; for the description see the listing for that course.

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# Majors and Courses of Instruction

## *Politics and Government*

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### **Politics and Government**

*Professors Esler, Louthan, McLean, Pinkele, Ramsay*  
*Associate Professor Kay*  
*Assistant Professor J. Franklin*

To foster both breadth and depth of knowledge, the department has designed a special core curriculum for politics and government majors. Among the total of 10-13 departmental courses, the student selects at least one from each of five areas: American public affairs; political behavior; international affairs; comparative politics and government; and political philosophy. Working closely with a faculty advisor, the student selects in each area the courses best suited to his or her particular interests and career goals. The department offers a five-course minor as well.

In order to declare a politics and government major, a student must have either a) a 2.5 cumulative University grade point average, or b) a 2.0 cumulative University grade point average and have earned a B in one course in the department.

### **Major and Minor**

**Major.** The major must complete 10-13 courses in the department consisting of either 110 or 111 but not both, 279, 499 and one course in each of the following areas: (I) American Public Affairs (350, 351, 352, 353, 354, 355, or 356); (II) Political Behavior (260, 261, 280, 300.7, 358); (III) International Affairs (300.5, 360, 361, 362); (IV) Comparative Government and Politics (344, 346, 348, 349); and (V) Political Philosophy (371, 372, 373).

**Minor.** The minor must complete five courses in the department consisting of either 110 or 111 but not both, and one course from four of the five areas above. One of these four must be in the area of Political Philosophy. Conduct of Political Inquiry, PG 279, can be taken to fulfill the Political Behavior area for the minor.

### **Courses**

Courses in the major or the minor, should normally not be taken credit/no entry. All upper-level courses are numbered in groups according to the area or topic. The numbers bear no relationship to the difficulty of the course work.

#### **110. Politics and Government (Esler, Pinkele)**

An introduction to systematic, comparative, and theoretical analysis of politics and government, including such considerations as: scope and methods of the discipline, the nature of politics and government, foundation political theories, constitutionalism, public opinion, representation, political behavior, political institutions, and international relations. F, S.

#### **111. American National Government (Esler, W. Franklin, Ramsay)**

A comprehensive introduction to the American political system. Political foundations, the Declaration of Independence, and the Federal Constitution period; Federalist, pluralist, and democratic foundations of the American political style, political parties, the electoral system; pressure groups and public opinion; the Congress and the legislative-representative function; the contemporary presidency and the executive branch; the Supreme Court and judicial politics. The course also examines the policy-making process generally with reference to current political and governmental issues both throughout and at the conclusion of the course. F, S.

#### **210. Global Issues: International Law, Terrorism, War and Peace (Kay)**

Among the global issues of the era are included the interrelated fields of international law, terrorism, and issues of war and peace. Students will examine the evolving dynamics of and prospects for international law. This discussion will focus on the origins and concepts of international law, its prospects for facilitating international governance, and the major

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# Majors and Courses of Instruction

## *Politics and Government*

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critiques of this approach to international relations. The class will then examine the definitions and interpretations of terrorism, its diverse roots and causes, and the varieties of responses terrorism has elicited. Students will focus on the United States and its preparedness for terrorism in a new context of the information age and weapons of mass destruction. Finally, the causes of war and the sources of peace will be studied. S.

### **211 Comparative Political Issues (J. Franklin)**

A general comparative overview of the world's political systems. This overview consists of two parts. First, students will assess how countries differ in terms of their political systems, governmental structures, patterns of political behavior, political culture, and patterns of political change. Second, the class will examine attempts to conceptualize and explain such differences. Rather than proceeding country-by-country, this course is organized around topics that are central to the field of comparative politics. However, students will gain some country-specific knowledge. Diversity. F, S.

### **260. Equality and American Politics (McLean)**

An examination of the pursuit of political equality in the United States. The course focuses primarily upon the post-1945 experiences of several groups: women, African Americans, Hispanics and, more recently, to a lesser extent upon the efforts by gays and lesbians, Asian Americans, and Native Americans. A thorough examination is undertaken of (a) the place of equality in the U.S. political ideology and beliefs; and (b) the various strategic environments and the choices made by these groups and their elites to obtain their respective objectives. Diversity. F.

### **261. American Politics and the Mass Media (McLean)**

Examines how American politics is affected by the mass media in such areas as political participation, campaign politics, and public policy. Explores how new technologies help shape the role the media play in the relationship between citizens and government. Special emphasis is placed on understanding how political institutions and interest groups interact with the mass media. S.

### **279. The Conduct of Political Inquiry (McLean)**

An overview of the political science discipline focusing on definitions of the discipline, epistemologies of the discipline, the function of concepts and concept-building, modes of advancing and verifying theoretical propositions, and techniques used to provide data out of which theoretical propositions are constructed. Through these foci, a series of themes emerges: the interrelationship between subject matter and method, the consequently changing character of the discipline, the scientific aspects of political science, the role of creativity in advancement of the discipline, and the essential task of theory-building. Double majors in politics and government and sociology/anthropology may use SOAN 279 to satisfy the requirements of this course. F, S.

### **280. Environmental Politics (Pinkele)**

(Not offered 2005-06)

This course focuses upon environmental policies. It concentrates upon the interrelated matters of how environmental matters become, and are shaped as, political issues, the extent to which they do so, how environmental issues become a part of the political agenda, the political economy cleavage lines associated with environmental political issues, the institutional factors involved in making environmental policies, and the nature of the feedback process across time in environmental politics. While the majority of attention is on environmental politics and policies in the context of U.S. politics, selected examination will cover international and comparative materials. S.

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# Majors and Courses of Instruction

## Politics and Government

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### **300.5. Human Rights in International Perspective (Staff)**

(Not offered 2005-06)

An examination of the development of the international law of human rights by international organizations since 1945; Western and other important perspectives on human rights; and U.S. foreign policy with respect to civil, political, and economic and social human rights. Case studies of major human rights violations throughout the world and international reactions to those violations will constitute a major part of the seminar. Diversity. S.

### **300.7. Campaigns & Elections in American Politics (Pinkele)**

(Not offered 2005-06)

An examination and analyses of the multiple roles of and campaigns for elective political offices in the American political system. Primary focus of attention is on the campaigns for office at the national level, sub-national examples will also be discussed. F.

### **300.28. Contemporary Issues in American Politics (Pinkele)**

A systematic introduction to and analysis of selected contemporary American public policy issues. The topics selected will vary from semester to semester. The foci are upon the politics of agenda setting, problem and issue definition, mobilization and decision making. The roles of elected officials, political institutions, the bureaucracy, lobbyists, and interest groups will be examined. Among the broad policy areas from which topics will be selected are: budget and taxation, health care, education, abortion, gun control, social security, welfare, energy and criminal justice issues. S.

### **344. Comparative Political Topics: Democratization (J. Franklin)**

This course will focus on the causes and challenges of establishing and consolidating democracy. We will cover the countries that have established democracy in the post-World War II period, with emphasis on the most recent wave of democratization starting in the 1970s. Therefore, the course will cover mostly developing countries, rather than the advanced industrialized democracies in Western Europe and North America. Students will become experts on a particular country, reporting on how it progressed through the various phases of democratization, and putting its experience in the context of theories of democratization and democratic consolidation. Diversity. S.

### **346. Comparative Politics: Europe (J. Franklin)**

The European continent has seen stark divisions as well as unprecedented convergence since World War II. This course examines the political systems of Europe, as well as the ongoing trends of democratization and European integration through the European Union. We will explore differences between Western and Eastern Europe as well as the growing convergence between the two regions. Special attention will be paid to Britain, France, Germany, Russia, and Poland, but the organization of the course is primarily topical rather than country by country. F.

### **348. Comparative Politics: Latin America (J. Franklin)**

This course examines the political systems, social groupings and economic development of Latin America. It will examine the numerous differences in the countries of the region, while keeping in focus the common characteristics that unite them. The class will discuss who the important political actors are and the various "rules of the game" for governing. The class will also discuss the role of the military in politics, political instability and revolution, competing approaches to economic development, the wave of democratization that has swept the region, and the characteristics and prospects of these emerging in democracies. Students will have the opportunity to become knowledgeable about particular countries in Latin

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# Majors and Courses of Instruction

## Politics and Government

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America, while also gaining a broader perspective of common problems and issues facing the region. Diversity. F.

### **349. Comparative Politics: Asia (J. Franklin)**

This course examines the politics and government of East, Southeast, and South Asia, including countries such as China, Japan, South Korea, Indonesia, and India. While this is a diverse region, leaders in these countries have faced the common challenges of developing their economies, achieving and maintaining stability, and how to deal with citizen demands. The course will examine the variety of solutions to these challenges. Topics to be covered include colonization, political and economic development, political culture, ethnic conflict, democratization, political institutions, and the political process in Asia. Diversity. S.

### **350. Judicial Process and Policy-Making (Esler)**

An analysis of law and courts. Basic types, functions and determinants of law as well as major issues in jurisprudence. Organization and basic functions of American courts and theories of judicial decision making. The role of trial courts in criminal and civil procedures and the role of appellate courts in overseeing the activities of trial courts. The impact and role of courts in American politics. Particular focus on the roles of judges, attorneys, prosecutors, juries, police and interest groups in the judicial process. Prerequisite: 110, 111, or permission of instructor for underclassmen; open to upperclassmen without prerequisite. F.

### **351. American Constitutional Law (Esler)**

Analysis of the U.S. Constitution and the role of the Supreme Court in interpreting it. Analysis of the historical context in which the Constitution was created, the text of the Constitution and the intentions of its authors, and controversies over its ratification. Analysis of the role of the Supreme Court and the methods it uses to interpret the Constitution's meaning. Most extensively, analysis of Supreme Court decisions in leading cases involving judicial, congressional, and presidential power, federalism, government regulation of the economy, and civil rights and liberties. Prerequisite: Sophomores, juniors, and seniors only. 350 recommended as a prerequisite. S.

### **352. Civil Rights and Liberties (Esler)**

(Not offered 2005-06)

The role of the law and courts in promoting freedom and equality. Initial focus on the meaning of and issues related to the values of freedom, equality, and democracy. The focus then shifts to the Supreme Court's interpretation of selected provisions of the Bill of Rights and the Fourteenth Amendment. Specific topics include the incorporation doctrine, freedom of speech and religion, privacy, racial equality, gender equality, political and economic equality, and criminal defendant rights. Legal and political dimensions of these decisions will be given special attention. Prerequisite: 110, 111 or permission of the instructor. 351 is recommended as a prerequisite. S.

### **353. Congress and Legislative Process (McLean)**

The politics and public policy aspects of the national legislative branch of American government. The course examines the contemporary legislative and representative process including the committee system and seniority, party leadership, relations with the President and the Supreme Court, and relations with constituents and lobbyists. F.

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# Majors and Courses of Instruction

## *Politics and Government*

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### **354. The American Presidency (McLean)**

(Not offered 2005-06)

The nature and role of the American presidency. The historical development of the presidency is examined to lay the foundation for discussions of the sources of presidential power, the constitutional basis of the presidency, the role of the Executive Office and the bureaucracy. The relationship of the presidency and Congress and the problems of public policy making are reviewed. The course concludes with discussion of the politics of modern presidencies. F.

### **355. American Federalism and Public Policy (Ramsay)**

The relationship between public policymaking and the American federal system is explored from many vantage points. Emphasis is placed on the roles of local, state, and federal agencies in the operation of complex government programs in such policy areas as the environment, transportation, health care, social welfare, and education. The course also includes an examination of the major state and local government institutions (e.g., legislatures, governorships, municipalities). The political and governmental differences between inner cities, suburbia, and rural areas are frequently examined. S.

### **356. Public Administration (Ramsay)**

Examines the similarities and differences between public and private administrative organizations; the importance of the social, economic, cultural, and political environments within which federal government agencies operate; and the public policymaking processes in which federal administrative agencies are involved. Organization theories, personnel administration, decision-making theories, and budgeting are also discussed. The course focuses on all of these elements through discussion of case studies on the careers of prominent American public administrators and on significant events and issues in recent years in U.S. public administration. S.

### **358. Political Parties (Ramsay)**

Examines the historical development of the American party system, the trends within the parties and the party system since WWII, and the role of political parties in the most recent Presidential and Congressional elections. Emphasis is placed on the role of party identification in citizen voting behavior and the relationship between the party system and the social, economic, and cultural issues in American society. The relationship of interest groups to political parties is examined. The impact of new technologies (e.g., television) on political campaigns and the role of the parties is also analyzed. F.

### **360. International Politics (Kay)**

International politics from the point of view of the international system and the nation-state. Topics include introduction to the major theoretical concepts of international relations, security studies, international political economy, and contemporary global politics. Consideration is given to both the history of international politics and using theoretical concepts to assess current and future global trends. S.

### **361. American Foreign Policy (Kay)**

(Not offered 2005-06)

An overview of the domestic and international sources of American foreign policy. This course provides a detailed overview of the historical legacy of previous international experiences that shape contemporary foreign policy decision-making. Detailed study is given to the political and constitutional setting of foreign policymaking in Washington D.C., the bureaucratic role of institutions like the Department of State and Department of

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# Majors and Courses of Instruction

## *Politics and Government*

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Defense, and the range of policy options available to decision-makers. Students examine the range of long-term strategic choices available to the United States as it continues to struggle with its post-Cold War grand strategy. F.

### **362. International Organizations (Kay)**

(Not offered 2005-06)

Development of international organizations and the roles they perform in the context of expanding globalization of international relations. The course details the theoretical premises behind international organizations and places their historical development in that context. Specific case studies include the role of the United Nations and NATO. Issue areas of contemporary international organizations include international economic policy, environmental policy, human rights, peacekeeping, and arms control. New concepts of international organization such as the role of the Internet and grassroots movements in the context of the evolving state system are addressed. S.

### **371. Classical Issues in Political Theory (Pinkele)**

An examination of several classical questions and conversations in western political theory: primarily freedom and liberty, justice, authority, obligation and consent, rights, equality, the scope of politics, and community and the individual. The course will focus upon how selected writers such as Plato, Aristotle, Machiavelli, Locke, Hobbes, Madison, Jefferson, Hume, Smith, Marx, J.S. Mill, and Tocqueville among others, have addressed these questions. F.

### **372. Democracy and Its Critics (Pinkele)**

(Not offered 2005-06)

This course is an examination of the classical and contemporary advocates' conversations about and arguments for and against democracy. Various definitions, descriptions, and justifications of democracy are proposed and analyzed. Examples of some of the writers and schools of thought discussed are: Locke, Hume, Jefferson, Madison, Marx, Lenin, Mill, Gramsci, Tocqueville, Lincoln, Holmes, Dewey, Dahl, Lowi, Pateman, and fascist and feminist theory. S.

### **373. American Political Thought and Politics (Pinkele)**

Examines the sources and nature of American political thought and rhetoric from its European origins through contemporary debates over public policy. Emphasis is upon the character of the democratic imagination/ideology and its American critics. Prerequisite: 110, 111 or permission of instructor. S.

### **490. Independent Study (Staff)**

### **491. Directed Readings (Staff)**

### **495. Apprenticeship (Staff)**

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## Majors and Courses of Instruction

*Politics and Government*

*Pre-Theology*

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**499. Senior Seminar (Kay, McLean, Ramsay)**

**A.** Readings in U.S. public policymaking with emphasis on the stages in the process of public policymaking, the content of public policies and comparisons with public policymaking patterns in other advanced post-industrial societies. (Ramsay) F.

**B.** Readings in international politics, foreign policy, and comparative government, enabling students to broaden and integrate their knowledge of principal approaches to the analysis of global politics. Studies of contemporary and historical events illustrating these approaches are read and discussed. (Kay) S.

**D.** Readings and projects concerning major themes in American politics: the democratic debate, power and citizenship, public opinion and political culture, political equality, and the impact of the mass media on policymaking and elections. Emphasis on helping students refine their theoretical understandings of these topics in order to apply them to contemporary political debates. (McLean) S.

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**Pre-Theology Major** See the program and major requirements listed under Religion.

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# Majors and Courses of Instruction

*Pre-Law*

*Pre-Medicine/Pre-Dentistry*

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## Pre-Law Major

*Advisors — Dr. Esler and Dr. Ramsay, Politics and Government*

Law schools do not require one specific major for admission. They do seek evidence of a rich, liberal arts education, expecting students to have developed their skills in three major areas: comprehension and expression in words; critical understanding of the human institutions and values with which the law deals; and creative power in thinking. Among the options available to Ohio Wesleyan's pre-law students are traditional majors such as history, English, economics, and politics and government, as well as supplementary course work to help them prepare for the Law School Admission Test.

Ohio Wesleyan students also may select an interdepartmental pre-law major. Students who major in pre-law must complete a second major in a traditional course of study. For the pre-law major, a core of appropriate courses is outlined in English, philosophy, history, economics, and politics and government. Seven other courses complete the major: these are chosen with an eye toward breadth and depth of preparation (no more than three may be taken in one department) and after careful consultation with the student's advisor. The list of courses from which to choose electives includes those courses most helpful in the past to students going on to study law.

**Core Courses:** ACCT 217; ENG 265 or 310; PHIL 341; PG 350 or 351; and any upper-level American or European history course.

**Electives:** seven courses from among ACCT 341, 342; ECON 255, 351, 354, 372; ENG 291, 336, 338; HIST 355, 370A, 371, 378; MATH 105, 110, 111, 260; PHIL 233, 342; PG 352, 353, 356, 358, 371, 373; PSYC 322; SOAN 356, 359. No more than three may be taken in one department.

A general description of Ohio Wesleyan's pre-professional programs appears in the earlier chapter of this *Catalog*, Degrees and Special Programs.

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## Pre-Medicine/ Pre-Dentistry Major

*Pre-Medical/Dental Advisor — Prof. Murray, Botany-Microbiology*

The pre-medicine/pre-dentistry major includes those courses normally required for admission to colleges of medicine and dentistry, as well as correlative courses providing a broad background in the natural sciences. Students should consult the pre-medical/dental advisor early in their college careers for the admissions requirements of specific medical or dental schools. Courses for this major may not be taken on a credit/no entry basis. A general description of Ohio Wesleyan's pre-professional programs appears in the previous chapter of this *Catalog*, Degrees and Special Programs.

This major is best suited for students wishing to combine it with a minor or second major. In contrast, those pursuing a single major are encouraged to consider regular departmental majors in chemistry, zoology, or other areas.

In order to prepare for the Medical College Admission Test or the Dental Admission Test normally taken in the spring of the junior year, it is suggested that majors include courses in their schedules as follows:

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# Majors and Courses of Instruction

*Pre-Medicine/Pre-Dentistry*  
*Pre-Veterinary Medicine*  
*Pre-Public Administration*

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*Freshman Year:* introductory chemistry and mathematics

*Sophomore Year:* introductory physics or organic chemistry and introductory biology

*Junior Year:* introductory physics or organic chemistry and at least one upper-level zoology course.

This sequence is for students who plan to spend four years at Ohio Wesleyan. It may differ for students preparing to apply to professional school after only three years on campus. These students should work closely with their advisors to ensure that their own course sequences will prepare them for the MCAT or DAT in the spring of the sophomore year or the fall of the junior year.

**Core Courses:** CHEM 110, 111, 260, 261; one from among CHEM 270, 340 and 350; MATH 110 (111 is also strongly recommended); PHYS 110, 111 or PHYS 115, 116; BOMI/ZOOL 120; two from among BOMI/ZOOL 271, ZOOL 331, 333, BOMI/ZOOL 351; and one upper-level course, preferably with a laboratory, in one of the core science areas. Independent research is an option.

**Other Suggested Courses:** BOMI 280; CHEM 270, 340, 341, 350, 351; ENG 310; MATH 105 or 230 or PSYC 210; MATH 111; PHIL 360; PSYC 310, 324, 343, 344, 346, 374, 410; SOAN 347; WSG 200.1, ZOOL 325, 356, 361.

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## **Pre-Veterinary Medicine**

*Pre-Veterinary Advisor — Dr. Carreno, Zoology*

Requirements imposed by the nation's 28 veterinary schools are generally more variable and more extensive than those required by schools of human medicine and dentistry. Most students will be best served by choosing a major in pre-professional zoology rather than the interdepartmental pre-medicine/dentistry major. It is essential that interested students contact the pre-veterinary advisor during the freshman or sophomore year so that course sequences can be tailored to the intended veterinary school's requirements. In addition to course selection, students need to plan to prepare for the MCAT or the Graduate Record Examination taken in the junior or senior year, and to gain experience working with animals.

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## **Pre-Public Administration Major**

*Advisor — Dr. Ramsay, Politics and Government*

The pre-public administration major prepares students for graduate work which leads to a master's or doctoral degree in the field. Graduate work also may lead to a career in local, state, national, or international administration in such fields as planning, organization, personnel, finance, and communication. This is normally a four-year interdepartmental major. Students who major in pre-public administration must complete a second major in a traditional course of study. A general description of Ohio Wesleyan's pre-professional programs appears in the previous chapter of this *Catalog*, Degrees and Special Programs.

**Required Courses:** ACCT 217; ECON 255; GEOG 345 or 370; MATH 105 or 260; PG 111, 346, 350 or 351, 354, 355, 356; PSYC 110, 252; SOAN 352.

**Electives:** one semester of apprenticeship taken in the spring of the junior year or fall of the senior year; PHIL 341.

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# Majors and Courses of Instruction

## Psychology

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### Psychology

*Professors Dolgin, Freeman, Hall, Heingartner, Leavy, Robbins, Swartzentruber*  
*Assistant Professors Smith, DiLillo*

The department provides a broad spectrum of courses in psychology useful to both the general student and those students who are interested in pursuing graduate or professional training. Although the overall emphasis of the department is to provide students a broad background in the scientific aspects of the discipline, students also acquire skills necessary to apply that knowledge. Students can focus their study on one or several areas of psychology ranging from the social and intellectual development of the person to the prevention and treatment of chemical dependency, from operant and Pavlovian analyses of animal behavior to computer models of human thought processes, from the microscopic analysis of brain circuits to the mechanisms of long-term memory, from the behaviors of persons in isolation to group behavior in organizations, from the biological bases of visual perception to the therapeutic means of treating people with schizophrenia. One-on-one work with a faculty member is strongly encouraged for each major, either in empirical research or clinical experience.

### Major and Minor

**Major: a minimum of nine units of credit in psychology.** The major consists of three core courses: PSYC 110 (10) Introduction to Psychology, 210 (30) Quantitative Methods, and 310 (51) Research Methods (1.25 units); plus a minimum of six additional elective units of credit. Of these six units, at least one unit of credit must be from each of categories A through E listed below. The remaining unit(s) can be from any category. Credit/no entry courses will not count toward the major.

**Minor: two tracks are available.** (1) **Research emphasis:** a minimum of five units of credit in psychology including PSYC 110, 210, and 310 and at least two unit content courses. (2) **General emphasis:** a minimum of five units in psychology including PSYC 110 and at least two units from categories A and/or B and two units of from categories C, D, and/or E listed below. Credit/no entry courses will not count toward the minor.

Courses with an asterisk (\*) are especially recommended for students preparing for the Advanced GRE Placement Exam in psychology. This exam is a prerequisite for admission to most graduate programs in psychology. Students should consult with their academic advisor or the department regarding specific electives within psychology and elsewhere that might best complement their graduate career goals.

#### A. Neuroscience

- 243 Brain and Behavior
- 343 Physiological Psychology\*
- 344 Laboratory in Physiol. Psych. (1/4 unit)
- 346 Sensation and Perception
- 374 Topics in Neuroscience

#### B. Thinking and Adaptive Behavior

- 300.2 Intelligence: Theory and Assessment
- 341 Comparative Psychology
- 363 Learning
- 364 Cognitive Psychology\*

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# Majors and Courses of Instruction

## *Psychology*

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### **C. Psychology Across the Lifespan**

- 233 Lifespan Development
- 300.3 Lab in Psychology of Physically or Behaviorally Impaired Children (*1/4 unit*)
- 333 Child Psychology\*
- 335 Adolescent Psychology
- 336 Psychology of Physically and Behaviorally Impaired Children
- 348 Maturity and Aging (*1/2 unit*)

### **E. Psychological Health**

- 222 Psychological Adjustment
- 322 Abnormal Behavior\*
- 324 Health Psychology
- 327 Counseling and Psychotherapy
- 328 Drugs and Behavior (*1/2 unit*)

### **D. Social Aspects**

- 252 Social Psychology\*
- 300.4 Social Cognition
- 321 Personality and Assessment
- 323 Community Psychology
- 325 Organizational Behavior
- 337 Human Sexuality
- 339 Psychology of Women

### **F. Advanced Studies**

- 410 Advanced Research Methods\*
- 420 Advanced Quantitative Methods\*
- 430 Psych. Issues: Past and Present\*
- 490 Independent Studies
- 491 Directed Readings
- 495 Apprenticeship
- 499 Seminar

## Courses

All psychology courses except PSYC 210, 295, 310, and 420 will serve partially to fulfill Group I (social sciences) distribution requirements for graduation.

### **110. Introduction to Psychology (Staff)**

Survey of the different approaches within psychology that seek to describe, predict, and explain both human and animal behavior. Specific areas covered include history and research methodologies, development, the brain and nervous system, sensation and perception, learning and memory, motivation and emotion, personality, stress and coping, behavior disorders and their treatment, and social behavior. F, S.

### **210. Quantitative Methods (Hall, Swartzentruber)**

The evaluation and interpretation of quantitative data in the behavioral sciences. Descriptive, correlational, and inferential techniques are discussed. Laboratory exercises employing statistical software are used to demonstrate applications of course material. Students may not receive credit for this course and MATH 105, 230, or 360. Prerequisite: 110. F, S.

### **222. Psychological Adjustment (Freeman)**

The study of the psychological process of adapting to, coping with, and managing the problems, challenges, and demands of everyday life. This course is about adjusting to challenges as one gets on with the business of living: building relationships, becoming educated, establishing careers, getting older. Adjustment involves understanding the nature of personality, interpersonal relationships, stress, work, love, aging, gender, sexuality, and physical and mental health. Prerequisite: 110. S.

### **233. Lifespan Development (Dolgin)**

The psychological principles of development throughout the lifespan. Each developmental stage from the time of conception and fetal growth through childhood, adolescence, maturity, and aging is examined in relation to the genetic, physiological, intellectual,

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# Majors and Courses of Instruction

## Psychology

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emotional, and social phenomena relating to the psychological principles that are unique to each of these periods of life. Prerequisite: 110. Students may not receive credit for this course and 333. S.

### **243. Brain and Behavior (Robbins)**

(Not offered 2005-06)

An introduction to the study of brain-behavior interactions. This course will emphasize the molar aspects of human neuroscience particularly as they relate to and behavior. Topics covered include the electrochemical mechanisms that underlie mental dysfunctions, motivation, and emotion; neurological aspects of aging; and the means by which humans consciously experience their world. Related approaches such as physiological psychology, psychopharmacology, neuropsychology, psychophysiology, and comparative psychology will be briefly introduced. This course is not recommended for those students who have a natural science background and normally students would not take this course and 343. Prerequisite: 110. S.

### **252. Social Psychology (Smith)**

An introduction to the scientific study of how individuals think, feel, and behave with regard to other people, as well as how individuals' thoughts, feelings, and behaviors are affected by other people. Topics include the self-concept, social perception, stereotyping and prejudice, persuasion and attitude change, conformity, group behavior, close relationships, altruism, aggression, and applications to fields such as business and law. Prerequisite: 110. F, S.

### **295. Counseling and Student Personnel Work in Higher Education (0.5 units; Staff)**

Laboratory and didactic experience in communication and counseling skills and in program development and administrative skills. Enrollment limited to resident hall assistants. Prerequisite: 110. S.

### **300.2. Intelligence: Theory and Assessment (Hall)**

(Not offered 2005-06)

A survey of current and historical theories of intelligence as well as the methods employed to assess intellectual performance. Issues relating to intelligence theory, such as the heritability of IQ, group differences in intelligence, and intelligence at school and at work, will also be discussed. Prerequisite: 110. S.

### **300.3. Laboratory in Psychology of Physically and Behaviorally Impaired Children (Dolgin)**

(Not offered 2005-06)

This course is designed for those students who anticipate working with special needs children. Behavior Mod, a set of techniques based upon the principles of learning theory, is widely used to increase desirable behaviors and decrease undesirable ones in many target populations. During this lab, students will each devise and carry out a behavior modification plan on themselves or on a fellow student. This is an optional 0.25 unit lab course that may only be taken concurrently with 336, Psychology of Physically and Behaviorally Impaired Children. Prerequisite: 110. S.

### **300.4. Social Cognition (Smith)**

(Not offered 2005-06)

An advanced course examining the processes and mechanisms that underlie our thinking about ourselves and others. Topics to be covered include the consequences of automatic social processes, the causes and nature of stereotyping, how and why our judgments about

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# Majors and Courses of Instruction

## Psychology

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ourselves and others go awry, the effects that our preconceptions and desires have on information processing and how we can use physiological data to investigate social cognitive processes. Prerequisite: 252 or permission of instructor. S.

**310. Research Methods (1.25 units; Hall, Smith, Swartzentruber, Staff)**

Introduction to the fundamental methods of empirical research in psychology. Students will collect and analyze data and write research reports for projects employing both experimental and survey designs. Prerequisites: 110 and either 210, MATH 105, 230, or 360, and one additional psychology course. F, S.

**321. Personality and Assessment (Freeman)**

The study of the qualities, traits, and behaviors that characterize a person's individuality. The course provides a picture of the diversity of theories conceptualizing human personality, the assumptions they make, the evidence they consider, and the procedures they use for systematically gaining information about the personality of individuals. Prerequisite: 110. F, S.

**322. Abnormal Behavior (Leavy)**

The major forms of abnormal behavior are described. They are discussed in light of an integrative bio-psycho-social model. Disorders include: anxiety disorders, personality disorders, sexual deviance and dysfunction, dissociative and somatoform disorders, mood disorders, eating disorder, childhood disorders, substance use disorders, schizophrenia, and cognitive disorders. Treatment approaches are discussed as well. Prerequisite: 110. F, S.

**323. Community Psychology (Leavy)**

Community psychology has been defined as "the study of the effects of social and environmental factors on behavior as it occurs at individual, group, and societal levels." This course examines such topics as the ecology of social problems, stress, social support and coping, crisis intervention and mental health consultation, primary and secondary prevention, program evaluation, and citizen participation in community affairs. Students complete a project in which they research the scope and nature of a social problem both nationally and locally, investigate its effective prevention nationally, and the potential for prevention locally. Prerequisite: 110. F.

**324. Health Psychology (DiLillo)**

The study of the role that psychological and behavioral factors play in physical illness, and in the maintenance and restoration of health. Among topics covered are: the biopsychosocial model of health and illness, stress, personality and disease, pain, health promotion, and the possible contribution of psychological factors to several major physical disorders. The role of individual behavior in maintaining health and producing illness, as well as behavior-based treatment of physical disorders are also addressed. Prerequisite: 110. F, S.

**325. Organizational Behavior (Leavy)**

The application of psychological theory and research to human management. Topics include: social perception, personality, leadership styles, communications, job motivation and satisfaction, decision-making strategies, work stress, career development, personnel selection and training, work groups and teams, and organizational change. Also listed as EMAN 325. Prerequisite: 110. S.

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# Majors and Courses of Instruction

## *Psychology*

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### **327. Counseling and Psychotherapy (Freeman)**

The course presents a broad overview of the theories and practices of counseling psychotherapy. The major contemporary systems are surveyed. Presented are the basic concepts of each and discussed are features such as the therapeutic process, the client/counselor relationship, and the specific procedures and techniques employed. Also addressed are ethical and professional issues. Prerequisite: 321. F.

### **328. Drugs and Behavior (0.5 unit; Leavy)**

Recent theory and research on substance use, abuse, and dependence. We examine the biological and psychological processes by which psychoactive drugs operate and discuss alcohol, stimulants, opiates, marijuana, and other drugs. Topics include: the history of drug use, the epidemiology of drug use and abuse, psychological and social consequences, the disease concept of addiction, treatment approaches, and prevention efforts. Prerequisite: 110. S.

### **333. Child Psychology (Dolgin)**

The psychological and physiological development of the child from conception to 11 years. Effects of parents, school, and community practices on emotion, social, and intellectual aspects of child behavior. Opportunities for direct observation of preschool children enrolled in OWU's Early Childhood Center and elsewhere. Prerequisite: 110. F, S.

### **335. Adolescent Psychology (Dolgin)**

The psychological and physical development of adolescent males and females. Topics include pubertal change, cognitive development, peer influence, adolescent sexual activity, delinquency, substance abuse, and adjustment problems. Prerequisite: 110. S.

### **336. Psychology of Physically and Behaviorally Impaired Children (Dolgin)**

This course discusses the development of children with both physical and emotional difficulties. In particular, we will discuss the special problems confronted by mentally retarded children, those with learning disabilities or who have attention deficits, children with anxiety disorders, those with speech and language impairments, those who have perceptual disabilities, those who have conduct problems, autistic children, and those who suffer from chronic serious illnesses or who have physical deformities. This course is designed especially for those students who intend to work with needy children. Prerequisite: 110 and one additional PSYC course, education majors need only have had 110. F.

### **337. Human Sexuality (Dolgin)**

This course provides an in-depth analysis of human sexual behavior. Topics such as the sexual response cycle, birth control, abortion, sexual morality, love and intimacy, sexual orientation, developmental change in sexuality, sexual dysfunctions and disabilities, prostitution, pornography, and sexual violence will be discussed. Prerequisites: 110 and one additional psychology course. F.

### **339. Psychology of Women (Dolgin)**

(Not offered 2005-06)

The applicability of present psychological theory and research to the understanding of the development and behavior of women. Major content areas include: critiques of the major theories of gender differences; evaluation of the data supporting/refuting the presence of gender differences; women's mental health; and women's relationships. Prerequisites: 110 and one additional psychology course.

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# Majors and Courses of Instruction

## *Psychology*

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### **341. Comparative Psychology (Heingartner)**

The behavior of animals. Topics include sensation and perception, motivation, learning, intelligence, species-specific behaviors, and social behavior, the latter receiving considerable emphasis. Prerequisite: 110. S.

### **343. Physiological Psychology (Robbins)**

Introduction to the biological mechanisms and neural processes underlying behavior, sensory functions, and internal regulation. No previous biological background necessary. The emphasis is on the relationship of neurophysiology to such basic processes as arousal, attention, motivation, learning, memory, abnormal behavior, and perception. An optional laboratory (344) is available. Prerequisite: 110. S.

### **344. Laboratory in Physiological Psychology (0.25 unit; Robbins)**

(Not offered 2005-06)

Laboratory exercises focusing on the anatomical organization of the brain and spinal cord, histological procedures for identifying brain sections, electrophysiological assessments of neural activity (EEG and evoked potentials), and the behavioral effects of brain lesions and stimulation. This optional laboratory must be taken concurrently with 343. F.

### **346. Sensation and Perception (Robbins)**

Processes by which organisms acquire and organize sensory and perceptual information. Underlying neural mechanisms and traditional psychophysical relationships are reviewed for the visual, auditory, tactile, olfactory, pain, and taste systems. Prerequisite: 110 and 243, 343, or background in zoology. S.

### **348. Maturity and Age (0.5 unit, Robbins)**

(Not offered 2005-06)

The psychological aspects of the mature and aged individual with emphasis on the intellectual, emotional, social, economic, political, physiological, and medical concerns experienced during these developmental periods. Serves as a cognate course for Women's Studies. Prerequisite: 110. F.

### **363. Learning (Swartzentruber)**

Methods and issues involved in the development of theories of learning. Although focusing primarily on basic learning mechanisms investigated through animal research, the course includes discussion of the application of these theories to human life and society. Prerequisite: 110. S.

### **364. Cognitive Psychology (Hall)**

An introduction to the basic concepts and theories of human cognition. Topics include attention, memory, knowledge organization, language, reasoning, and problem solving. Prerequisite: 110. F.

### **374. Topics in Neuroscience (Robbins)**

(Not offered 2005-06)

In-depth examination of selected activities of the nervous system with particular emphasis on an understanding of the relationships between neuroanatomy, physiology, biochemistry, and behavior. Topics such as sleep disorders, memory, obesity, reproductive behavior, and hemispheric dominance will be examined using a neurobiological approach. Prerequisite: 110 and 343 or a strong biological background. S.



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# Majors and Courses of Instruction

## *Psychology*

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### **410. Advanced Research Methods (Hall)**

Individual empirical research which builds upon the fundamentals covered in PSYC 310. Prerequisite: 310 and permission of instructor. F, S.

### **420. Advanced Quantitative Methods (Hall)**

(Not offered 2005-06)

The analysis and interpretation of behavioral data gathered from both experimental and correlational designs. Particular emphasis is given to analysis of variance and multiple regression and correlation methods. Statistical software is used to analyze illustrative data. Prerequisite: 210 or MATH 105 or 230, or permission of instructor. S.

### **430. Psychological Issues: Past and Present (Hothersall)**

(Not offered 2005-06)

Historical presentation of contributions to psychological knowledge; discussion of various psychological schools and their contributions to the resolution of past and present psychological issues. Prerequisite: 110, junior or senior psychology major/minor or consent. F.

### **490. Independent Study (Staff)**

Individually supervised empirical projects in psychology. It is normally expected that the student have a B average in psychology. Prerequisite: 210, 310, and permission of instructor. F, S.

### **491. Directed Readings (Staff)**

Individually supervised surveys of the literature on a topic in psychology. Prerequisite: 110 and permission of instructor. F, S.

### **495. Apprenticeship (Staff)**

Junior or senior majors under faculty supervision locate jobs in areas in which they are qualified. Between 120 and 150 hours of service per semester earns 1.00 unit of credit. Agency and faculty supervisors provide frequent feedback. Journal and final report tying the work experience to academic experience are required. Graded as satisfactory/unsatisfactory. Only one unit may be counted toward psychology major. Prerequisite: permission of instructor and 322 for clinical/counseling apprenticeship. F, S.

### **499. Seminar (DiLillo, Dolgin, Smith)**

A psychology topic of contemporary concern presented in a seminar format. These three seminars in the spring semester will cover the following:

- DiLillo will focus on psychological and behavioral aspects of obesity, weight loss, and eating disorders.
- Dolgin will focus on the effects of technology (the Internet, television, etc.) on children and adolescents.
- Smith will focus on real world applications of social psychological research, including such areas as advertising and law.

The format will be a combination of lecture and student-led discussion. Prerequisite: 110 and junior or senior standing or permission of instructor. May not be taken more than twice. S.

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# Majors and Courses of Instruction

## *Religion*

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### Religion

*Professors Kearns, Michael, Phillips, Twesigye*

A prime motivation for the founding of Ohio Wesleyan was the training of a skilled and literate ministry. Over a century and one-half later, the study of religion remains vital, but is no longer confined to those planning to enter the professional ministry, nor to those who themselves have ardent personal religious convictions. Rather, students planning careers in business, social services, law, homemaking, medicine, education and other fields benefit from the careful study of religious phenomena and history. Students invariably discover that knowledge of and appreciation for the depth of religious motivations, as well as the pervasiveness and permanence of religious behaviors, prove helpful in their professional lives. Additionally, many of these same students find that their personal faith and devotional life are strengthened by first looking objectively at the faith and devotion of other religious persons.

### Majors and Minor

**Major in Religion.** Students complete eight unit courses in religion (two half-unit courses may count as a unit course). Two courses each must be in two of the following areas, and a fifth course must be in the remaining area: Biblical Studies (111, 121, 312, 313, 316, 321, 322, 326); Religion and Society (103, 151, 331, 332, 333, 337, 351, 352, 353, 358, 361, 362, 372); History of World Religion (104, 336, 341, 343, 344, 346). At least one of the remaining three courses must be the combination of 470 (half-unit), normally taken during the junior year, and 499 (half-unit), normally taken during the senior year.

**Major in Pre-Theology.** (*Pre-Theology Advisor — Dr. Phillips*) In consultation with the pre-theology advisor, the student plans an interdisciplinary curriculum preparatory to graduate theological studies or to specialized ministries. In total 13 courses are required. They must be distributed as follows. **(I)** Five religion courses with at least one course in each area (see above). **(II)** Five psychology and sociology/anthropology courses with at least one course in each of those departments. **(III)** Two courses from the humanities division outside the religion department. **(IV)** Religion 495 – an applied ministries apprenticeship experience including a reflection paper on the concept of vocation and the student's theological and educational discernment of vocation.

**Minor in Religion:** five unit courses in religion (two half-unit courses may count as a unit course). REL 470 is strongly recommended.

### Courses

#### **103. Religions of the West (Kearns)**

An introduction to the historical development, world view and contemporary relevance of Judaism and Christianity. Emphasis will be given to the distinctive cultural forces which have shaped these religions. No prerequisite. F.

#### **104. Religions of the East (Michael)**

A survey of the major religious traditions of the world — Hindu, Buddhist, Confucian, Taoist, Islamic, and others — and an examination of the role of their religious beliefs and practices in the development of cultural patterns and social institutions. No prerequisite. S.

#### **111. Old Testament History and Literature (Phillips)**

The history of the Israelites and the background, history, theology, and transmission of the literature of the Hebrew scriptures (Old Testament) in translation. The work is at the introductory level. No prerequisite. F, S.

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# Majors and Courses of Instruction

## *Religion*

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### **121. New Testament History and Literature (Kearns)**

(Alternate years.)

The history of early Christianity and the background, history, theology, and transmission of the literature of the New Testament. The work is at the introductory level. No prerequisite. F.

### **151. Critical Issues in Religion & Ethics (Twesigye)**

An introduction to academic theology and ethics. The course provides a nonconfessional critical analysis, discussion, and evaluation of the history, development, and relevance of Christian theology and religious ethics. Topics include: God's existence, creation, conflicting concepts of human nature, sin, sexism, racism, grace, church, salvation, myth, the problems of theological language, agape, justice, and a just society. F, S.

*At least one of the introductory courses (103, 104, 111, 121, 151) is recommended before taking any of the following courses.*

### **312. Prophets of the Old Testament (0.5 unit, Phillips)**

(Alternate years. Offered the second half of Fall 2005 semester)

The message and historical situation of the major prophets of the Old Testament are examined and analyzed.

### **313. Wisdom Literature of the Old Testament (0.5 unit, Phillips)**

(Alternate years. Offered first half of Spring 2006 semester)

The books of Job, Proverbs, and Ecclesiastes are studied and compared to similar books from Egypt and Babylon.

### **316. Ancient Mediterranean Religions (Phillips)**

(Alternate years.)

Survey of the religions of Egypt, Mesopotamia, Persia, Palestine, Greece, and the Hellenistic World from the end of the third millennium to the beginning of the Christian era. The myths, symbols, and rituals of these ancient cultures are studied for their understanding of humanity and its place in society and the cosmos. S.

### **321. Life and Teachings of Jesus (Kearns)**

(Alternate years. Offered Fall 2005)

Traditions about Jesus as transmitted by his earliest followers. The course focuses upon the Jesuan materials in the synoptic gospels and deals with the question of what is known about the historical Jesus and how Jesus was interpreted in the Jesuan movement. F.

### **322. Paul and His Epistles (Kearns)**

(Alternate years.)

The life and theology of Paul as seen in the context of the theological tensions within early Christianity.

### **326. Religions of the Roman Empire (Kearns)**

(Alternate years.)

Survey of the religions of the Hellenistic World from Alexander the Great to Theodosius including such phenomena as Hellenistic cults, Mystery Religions, Emperor Cults, Divine Men, Judaism, Hermeticism and Orphism, Astrology and Magic, and Gnosticism. F.

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# Majors and Courses of Instruction

## *Religion*

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### **331. History of Christian Thought (Twesigye)**

(Alternate years.)

The history of the doctrinal traditions of the church and the systematic ideas of its theologians from the beginnings of Christianity to the present. The course will include a survey of the development of Christian theology as well as focus upon representative thinkers such as Paul, Origen, Augustine, Anselm, Aquinas, Luther, Wesley, Schleiermacher, and Tillich. S.

### **332. The Reformation Era (Staff)**

(Alternate years.)

The religious upheaval of the 16th Century, including the medieval sources of the Reformation, the rise of the Protestant Churches, the sources of the Reformation and the emergence of early modern European political, economic, and social conditions. Also listed as HIST 345. F.

### **333. Religion in American Culture (Phillips)**

The interaction between American culture and the Judaeo-Christian traditions from the colonial days until the present. Topics include the Great Awakening, the Methodist movement, frontier evangelism, pietism, fundamentalist-modernist controversy, the social gospel, the death of God movement, and the recent conservative trends represented in the emergence of the moral majority. American Judaism will also be studied with emphasis on Reform, Reconstructionism, and the rise of Conservative Judaism. S.

### **336. Jewish Religious Life and Literature (Phillips)**

(Alternate years.)

Judaism from the beginning of the Christian era to the modern day, with particular attention to the interrelations with Christianity. An appraisal of the impact of the Jewish religion upon Western civilization. F.

### **337. Anti-Semitism, Zionism, and the Holocaust (Phillips)**

(Alternate years. Offered Fall 2005)

The Holocaust as a pivotal event in modern Jewish history and religion. This course will examine the prelude to and aftermath of the murder of six million Jews with special emphasis on its significance for Zionism, Judaism, and Christianity. The roots of the Holocaust in the long history of Western anti-Semitism will be traced, and various contemporary theological responses and interpretations of the event itself will be studied. F.

### **341. Islam and the Way of the Prophet (Michael)**

(Alternate years. Offered Fall 2005)

The origin and development of the Islamic tradition, as well as the piety of contemporary Muslims. Comparison of Islam with the Zoroastrian and Baha'i traditions enhances the understanding of such "prophetic type" religious movements. F.

### **343. Hinduism (Michael)**

(Alternate years.)

The development of the Hindu tradition from the Vedic period to the modern era, with particular attention to the expressions of Hindu religious life in the myth, ritual, and speculative philosophy of India. F.

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# Majors and Courses of Instruction

## *Religion*

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### **344. Gandhi: Religion and Social Change in Modern Asia (Michael)**

(Alternate years.)

An investigation of the role of religious tradition in the complex social and cultural changes of modernizing Asia. F.

### **346. Chinese and Japanese Religion (Staff)**

(Alternate years.)

The religious beliefs of the Chinese and Japanese peoples as these reflect their historical origins in the Confucian, Taoist, Shinto, and Buddhist traditions. F.

### **351. Existence and Faith (Twesigye)**

(Alternate years. Offered Fall 2005)

The nature and significance of the human situation, examined through the writings of philosophers and theologians who are primarily concerned with reflections on the meaning of existence: Jean Paul Sartre, Albert Camus, Paul Tillich, Martin Buber, and Soren Kierkegaard, among others. F.

### **352. Radical and Liberation Theologies (Twesigye)**

(Alternate years.)

A study of contemporary radical or liberation theologies including Black, feminist, and political theologies. Students will read, study, and discuss selected key writers in each tradition. F.

### **353. Christianity and the Non-Western Challenge (Twesigye)**

(Alternate years.)

The theology and the dynamics of the theological process, the intellectual and religious challenges of developing a Christian theology in non-Western contexts of African and Latin America. Selected primary readings will include key African and Latin American theologians.

### **358. New Religions in America (Michael)**

(Alternate years.)

The Asian origins and contemporary manifestations of selected religious groups (cults, sects, movements, etc.) as these contribute their ideas and practices to the options of American religious pluralism. Likely topics include: Hare Krishna, Zen, Vajrayana, Spiritualism, New Age, etc.

### **361. Moral Values in Contemporary Society (Staff)**

(Alternate years.)

Traditional and non-traditional religious perspectives on ethical problems current in American society. Exposure to current theological debate on selected issues, such as abortion and euthanasia, racism and sexism, colonialism and imperialism, the just war and pacifism, and poverty and wealth.

### **362. God and the Professional Life (Twesigye)**

(Alternate years.)

Current writings of Catholic and Protestant ethicists on the moral issues confronting members of such professions as medicine, law, the ministry, business, and politics. The significance of faith in God as a factor in professional ethics is of central concern. Case studies of ethical problems involved in the professions and visits by professionals who have dealt with such problems are special features.

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# Majors and Courses of Instruction

## *Religion*

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### **372. Philosophy of Religion (Calef)**

(Alternate years.)

Readings and discussion organized around certain traditional problems in the philosophy of religion, e.g., the existence and nature of God, the problems of evil, immortality, and the nature of religious experiences. Also listed as PHIL 345. F.

### **391. Biblical Hebrew**

Introductory and advanced Biblical Hebrew including grammar, vocabulary, and reading of selected texts. Permission of instructor required.

### **392. Koine Greek**

Introductory and advanced Greek including grammar, vocabulary, and reading of selected texts. Prerequisite: GREE III and permission of instructor.

### **394. Sanskrit**

Introductory and advanced Sanskrit including grammar, vocabulary, and reading of selected texts. Permission of instructor required.

### **410. Topics in Religion (0.50 unit; Staff)**

Selected topics in the study of religion. Recent topics include Dead Sea Scrolls, John Wesley and Methodism, and Women in the *Bible*.

### **470. Approaches to Study of Religion (0.5 unit; Michael)**

A selective survey of the anthropological, historical, phenomenological, psychological, sociological, and theological approaches to the study of religion. Required for religion and pre-theological majors and recommended for religion minors. Prerequisite: at least two courses in religion. S.

### **490. Independent Study (Staff)**

Supervised research project. This option is designed for the student who has completed the relevant preparatory courses and wishes to pursue in depth independent research. Departmental permission required. F, S.

### **491. Directed Readings (Staff)**

Supervised reading project. This option is designed for the student who has completed the relevant preparatory courses and wishes to pursue study in an area in which formal course work is not available. Departmental permission required. F, S.

### **495. Apprenticeship (Staff)**

Especially qualified religion or pre-theology majors may receive up to one unit of credit for supervised field experience. Required of pre-theology majors, others by permission.

### **499. Seminar in Study of Religion (0.5 unit; Staff)**

A significant research paper showing methodological sophistication and ability to follow independent study is required of each student. Required of senior religion majors, others by permission. F.

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## Majors and Courses of Instruction

*Renaissance Studies*

*ROTC Program*

*The Sagan National Colloquium*

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### **Renaissance Studies Major**

See the program and major requirements listed under Ancient, Medieval, and Renaissance Studies.

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### **ROTC Program**

From 1949 to 1974, Ohio Wesleyan was the site for a detachment of the Air Force Reserve Officers Training Corps. More recently, the college has maintained a crosstown agreement with The Ohio State University whereby students could enroll for AFROTC courses on that campus. Students interested in Army ROTC programs may enroll for such programs at Capital University. Credits earned in such programs will be treated as transfer credits and will be applied to the student's record at Ohio Wesleyan as credit only. Interested individuals may contact the Registrar's Office for additional information.

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### **The Sagan National Colloquium**

See the program description in the earlier chapter, Degrees and Special Programs, and the course descriptions in this chapter under University courses.

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# Majors and Courses of Instruction

## *Sociology/Anthropology*

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### **Sociology/ Anthropology**

*Professors Cohen, Howard, Mahdi, Peoples, Smith  
Continuing Part-time Assistant Professor Durst*

The department combines two disciplines in order to provide extensive knowledge about human cultures and societies, to demonstrate how that knowledge is acquired and applied, and to prepare students for a broad range of careers and graduate programs.

### **Major and Minor**

**Major:** ten courses consisting of 110 or 117, 111, 279, 379, 499, and five electives. Majors are required to take SOAN 279 by their junior year. MATH 105 or MATH 230 will be accepted for credit in the major.

Students declaring a major in the department must have an overall GPA of at least 2.5 at the time of declaration. Any exception to this rule requires the approval of the department's chairperson.

A reading knowledge of a foreign language and training in statistics are strongly recommended for all majors. Mastery of these skills is especially important for students who are planning on graduate study or government service.

Independent study and apprenticeships are vital parts of the major. Every effort is made to tailor programs to individual student needs and to maintain flexibility within a framework of rigorous scholarship. All apprenticeships will be graded credit/no entry. No other course counting for credit in the major may be taken credit/no entry.

**Minor:** five courses consisting of 110 or 117 and 111 and three electives. The courses are selected in consultation with a faculty advisor and should reflect a clearly defined focus or set of objectives. No course in the minor may be taken credit/no entry.

### **Courses**

#### **110. Introductory Sociology (Cohen, Durst, Mahdi)**

Systematic study of the social life of human beings. While the particular emphasis varies depending on the instructor, students should obtain (1) an understanding of basic sociological concepts and perspectives, and (2) a rudimentary exposure to an experience with social research techniques and perspectives. F, S.

#### **111. Cultural Anthropology (Howard, Peoples)**

An overview of human cultural diversity, focusing on the peoples and traditional cultures of major world regions. Basic concepts and methods used to describe and analyze cultural differences and similarities are introduced. Focuses on cultural differences in adaptation, economics, marriage and family forms, gender, political organization, and religion. The relevance of anthropology to contemporary global problems is discussed. The impact of the expansion of industrial societies on indigenous cultures is examined. F, S.

#### **117. Introduction to Social Problems (Smith)**

Survey of contemporary and enduring problems in American kinship, educational, economic, and political institutions. Special attention to globalization and its effects on American society. F.

#### **215. Society and the Economy (Smith)**

Introduction to the sociology of economic institutions. Topics include the cultural and social context of markets, the origins and growth of modern business enterprise, work and management inside the corporation, technological change and economic growth, and the global economy. S.



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# Majors and Courses of Instruction

## *Sociology/Anthropology*

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### **242. Self and Society (Howard)**

Social and cultural forces that shape formation of individual identity are considered. Particular focus given to stigma and the management of spoiled identity. Social Service Institutions designed to help or control homelessness, mental illness and mental retardation are critically examined.

### **279. Methods of Social Research (Cohen, Durst)**

The logic of scientific inquiry, theoretical considerations fundamental to social research, and selected methods of formulating and conducting social research. Students have the option of taking a second term of this course in which they would formulate and execute supervised research as a means of gaining practical experience with the entire research process. The second term option may be taken with any faculty member in the department. Prerequisite: 110 or 117 and 111 or consent of instructor. With department consent, double majors in sociology/anthropology and politics and government may use PG 279 to satisfy the requirements of this course. F.

### **290. Peoples and Cultures of Selected World Areas**

The methods and concepts of social and cultural anthropology are used in comparative studies, descriptive and analytic, of societies in various of the major culture areas of the world. Students may take this course as many times as wanted providing a different area is covered each time. Areas covered will be selected from the following: Sub-Saharan Africa; the Pacific; East Asia; the Middle East; North America; South and Central America. Three areas normally are offered each year.

### **291. Perspectives on Africa (Howard)**

Examination of a few communities in Sub Saharan Africa and the Caribbean. Issues covered include indigenous cultures, the impact of European colonialism, Africa's current economic and political crisis, environmental and health problems, gender and kinship, development and expressive culture (art, music, literature, religious beliefs). Special attention is paid to various perspectives on Africa in the Western media. Prerequisite: 111.

### **292. Peoples and Cultures of the Pacific (Peoples)**

(Not offered 2005-06)

The traditional cultures and current conditions of the varied societies found in the islands of Melanesia, New Guinea, Micronesia, and Polynesia are examined. Attention is given to the role of the U.S. as a colonial power in the Pacific. F.

### **293. Cultures of East Asia (Peoples)**

(Not offered 2005-06)

An overview of the traditional and modern cultures of East Asia, with a main focus on China, Japan, and Korea. Provides a broad knowledge of the historical and geographical forces shaping contemporary life in these regions. Specific topics include rural village life, family structures, gender roles, economic organization, and religion.

### **294. Peoples & Cultures of the Middle East (Mahdi)**

A sociological and anthropological overview of diverse cultures and social structures of the Middle East emphasizing changes in social, political, and economic institutions. The course deals with the role of religion, the modern state, nationalism, political and religious conflicts, social classes, industrialization, modernization, and the impact of the West on the Middle East.

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# Majors and Courses of Instruction

## *Sociology/Anthropology*

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### **295. Native American Cultures of the Southwest (Peoples)**

Investigates the prehistory, history, and contemporary cultures of the Native Americans of the four corners region. Describes and interprets archaeological data on the Paleo-Indians, Archaic, and Pueblo periods, focusing specifically on the Mogollon and the Ancient Pueblo peoples. Case studies from the modern era include the Hopi, Zuni, Rio Grande Pueblos, Navajo, and Apache. Prerequisite: 110 or 111. S.

### **300.1. Sociology of Knowledge (Smith)**

(Not offered 2005-06)

The concept of knowledge as a social construct. Emphasis on fundamental similarities across the domains of knowledge, ranging from natural science to political ideology to religious cosmology. Critical examination of conventional ideas regarding objectivity, rationality, and cultural relativism.

### **347. Health, Illness, Death, and Disability (Howard)**

Critical examination of social and social-psychological factors associated with illness and health care in world cultures and in the U.S. Issues explored include death and dying, human adaptation, nutrition and food crisis, the concept of stress, comparative medical systems including alternative and folk medicines, the impact of modernization on health care. Students do an experiential or service related-project in a mental or physical health care setting. S.

### **348. Gender in Cross-Cultural Perspective (Howard)**

Women's and men's experience is examined from a cross-cultural and cross-class perspective. The social relations of power, individual and collective identity, and the fabric of meaning and value in society are analyzed through a focus on gender. Ethnocentrism and the intertwining of Western racial and gender biases in the descriptions and analysis of non-European cultures are also considered. Special attention will be given to women's roles in the agricultural and development process. Fills core requirement for Women's and Gender Studies major and minor. Prerequisite: 111. F.

### **349. Gender in Contemporary Society (Cohen)**

A critical examination of the sources and consequences of gender role differences and gender inequality. Particular attention will be paid to men's and women's experiences in families and in educational, political, and economic contexts. Possibilities for changing gender roles and eliminating some of the inequities between men and women will be considered, as well as the cultural and structural obstacles that impede such change. S.

### **351. The Family (Cohen)**

Examination of the family as an institution of society and as a social group. Particular attention is paid to historical, cross-cultural, and subcultural diversity in family forms and to gender and class differences in family experiences. (e.g., marriage, parenthood, divorce, domestic violence). Prerequisite: 110 or 111 or permission.

### **352. Urban Society (Mahdi)**

The social organization of the city and metropolitan area, with particular emphasis on world urbanization, urban spatial structure, social institutions, and social problems. S.

### **354. Population Problems (Howard)**

Both anthropological and sociological methods are utilized to investigate the major determinants of population structure and change, i.e., fertility, mortality, and migration. Topics covered include evolutionary demographic patterns, birth control, abortion,

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# Majors and Courses of Instruction

## *Sociology/Anthropology*

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reproductive technologies, aging in developed countries, education of women, food and hunger, environmental and population, migration and population policies. Students present in depth research on population problems within a specific world area. S.

### **356. Crime and Deviance (Cohen, Durst)**

A survey of sociological perspectives on deviant and criminal behavior. Analysis of the causes of both violent and nonviolent deviance, with special attention to social processes through which behavior is defined as deviant. Overview of formal and informal mechanisms of social control. Prerequisite: 110 or 111 or permission. S.

### **357. Race and Ethnicity (Mahdi)**

Comparative study of racial and ethnic relations. Alternative theories are analyzed and evaluated. Special emphasis is given to racial and ethnic minorities in the United States. F.

### **358. Society, Politics, and Social Movements (Mahdi)**

(Not offered 2005-06)

Political sociology has traditionally focused on the relationship between the class structure of society and the way people participate in and derive benefits from political situations. This course will examine the sociological foundation of politics in society, social movements, and revolutionary change in the contemporary world. Discussing the nature of power, the state, social policy, class, ideology, and political elites, the class will attempt to compare and contrast various theoretical orientations on these issues. Special attention will be given to the ways in which historically fascism, dictatorship, democracy, capitalism, and socialism have related to one another. The major theories of social movements and seven social revolutions of the 20th century will be discussed.

### **359. Social Inequality (Smith)**

Examination of social and economic inequality; its causes, characteristics, and consequences. Special attention to trends in contemporary American society. Prerequisite: 110 or 117 or consent of instructor. F.

### **360. Cultural and Social Change (Mahdi)**

(Not offered 2005-06)

Focuses on the holistic analysis of change and development in Latin America, Asia, and Africa. Overviews of the acculturation, modernization, and world system/dependency approaches to change and underdevelopment are presented. Case studies focusing on the impact of modernity on developing countries are discussed and analyzed. F.

### **363. Organizational Structure and Design (Smith)**

Analysis of organizational structure and processes. The past and present role of management in large organizations receives special attention. Case studies are employed to illustrate and apply organizational theory. See EMAN 363. F.

### **367. Human Ecology (Peoples)**

The diverse ways in which human cultures interact with their environments, focusing especially on how environmental, technological, and demographic factors affect cultures. Hunting and gathering, pastoralism, cultivation, and industrialism are covered. The evolution of these adaptations and their consequences for changes in human ways of life are examined. Impacts of the expansion of the European adaptation on indigenous cultures are analyzed. Issues are raised about the continued relevance of indigenous adaptations in the modern world. F.

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# Majors and Courses of Instruction

## *Sociology/Anthropology* *Spanish*

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### **375. Seminar in Feminist Anthropology (Howard)**

(Offered every four years)

This course considers recent theoretical issues regarding constructions of gender within the United States and around the world. We focus on power and the conditions in various gender systems that result in power and powerlessness, both personally and collectively. We examine a diversity of perspectives on gender and the experiences of people across rigid social boundaries (such as class, race, ethnicity, sexual identity and ability/disability) in search of a more humane, inclusive social change. Also listed as WGS 499C.

### **379. Social Theory (Smith)**

Intensive study of the master traditions in modern social theory: major works of Durkheim, Marx, and Weber; critical analyses of these works; contemporary theories influenced by them. Juniors and seniors only. Prerequisites: 110 or 117, 111, and 279 or permission of instructor. S.

### **490. Independent Study (Staff)**

Individually supervised projects. Prerequisite: 110, 117 or 111 and at least one upper-level course in the department. Open only to majors. F, S.

### **491. Readings in Sociology and Anthropology (Staff)**

Selections are determined by the student and the faculty instructor in relation to a specific topic. Readings are both extensive and intensive. Juniors and seniors only. F, S.

### **495. Apprenticeship Program (Staff)**

Opportunity for seniors (except in their last semesters) and possibly juniors to engage in an off-campus work project in areas where they have adequate academic preparation. F, S.

### **499. Senior Project (Durst and Howard)**

Required of all senior majors. Students will undertake a significant project based on either original research or an internship experience. Each student's project will be decided in consultation with the instructor. Emphasis is placed on the application of sociology and anthropology to significant problems in the United States and abroad. S.

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## **Spanish Major**

See the program and major requirements listed under Modern Foreign Languages.

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# Majors and Courses of Instruction

## *Theatre and Dance*

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### **Theatre and Dance**

*Professors Denny, Gardner, Lewes, Prindle, Vanderbilt*  
*Assistant Professor Kahn*

The goals of the Department of Theatre and Dance are to provide a liberal arts education, to provide pre-professional training in theatre and dance, to provide a cultural environment for the community, and to provide opportunities for creative and research activities. Theatre and dance are particularly related to the liberal arts because they embrace so many aspects of the human experience and comment so vividly on the human condition. Encompassed in the department's approach to the arts of theatre and dance is concern for the education of the individual and for career-oriented training.

The department produces a balanced season of classical and contemporary plays and dance performances in the Main Theatre and Studio Theatre of the Chappellear Drama Center. Participation in these productions is open to the entire University community. Except in plays where race, ethnicity, or gender is an issue, casting is decided on ability alone.

Courses in the department are designed to include all aspects of theatre and dance, from history and theory through all phases of performance and production. Majors are required to have an inclusive theatre and dance experience, as well as a liberal arts education.

To reinforce career-oriented training, all majors are urged to acquire an off-campus apprenticeship or study experience during the junior year or the first semester of the senior year. Those with interest in theatre history might consider a research program or a junior year abroad in Europe. Majors with interests in acting/directing, design/production, or dance might consider the GLCA Arts Program in New York or an independent off-campus apprenticeship in a regional repertory theatre or dance company. Credit for the GLCA Arts Program in New York does not count as credits completed in the major. Credit for an independent off-campus apprenticeship does count in the major.

Theatre and dance courses fulfill University distribution requirements in Humanities (III) and Fine Arts (IV) as designated in the course descriptions below. Theatre majors must complete the following distribution requirements: two units from Group I, two units from Group II, two units from outside the Department of Theatre and Dance in Group III, and one unit from outside the Department of Theatre and Dance in Group IV.

### **Majors and Minor**

**Theatre Major:** Normally, 11 units including four courses from Group B (341, 371, 351 or 361, and 381); two courses from Group C (210 and 380); one course from Group D (normally DANC 115), two courses from Group E (126 and 256), one unit from Group F from 237, 247, 337, and 347, and at least six production experiences; and a one unit senior project. (If credit for the senior project is received outside the department, the number of units required to major is 10.) Junior and senior majors should be involved in theatre production every semester.

**Dance Theatre Major:** Normally, 11 units consisting of two courses from Group B (381 and either 341 or a dance history course taken off-campus); two courses from Group C (210 and 220), six courses from Group D (115, 215, 315, 325, one unit of practicum from 225 and/or 335, and a one unit Senior Project, 445), and one course from Group E (126). Junior and senior majors should be involved in dance production every year.

**Theatre Major and Education Minor:** Which qualifies the student for the multi-age license in theatre. Normally, all 11 units required for the theatre major, plus THEA 259 and THEA 359, and courses required by the education department lead to the multi-age license (PreK-12) to teach theatre from the State of Ohio.

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# Majors and Courses of Instruction

## *Theatre and Dance*

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**Theatre Minor:** With approval of the department faculty, students should design minor programs to supplement their majors or their theatre interests. A theatre minor should include a minimum of five credits from within the department. Only one full credit of practicum may be counted toward the minor. Theatre minors are expected to be active members of the department.

**Dance Minor:** With approval of the department faculty, students should design minor programs to supplement their majors or their dance interests. A dance minor should consist of a minimum of five credits from within the department. Only one full credit of practicum may be counted toward the minor. Dance minors are expected to be active members of the department.

**Interdepartmental Majors:** In consultation with an advisor and with approval of the department faculty and APC, interdepartmental majors may be arranged in such combinations as theatre, dance, and psychology (acting); dance, psychology, and sociology (pre-dance therapy); theatre and music (musical theatre); theatre and fine arts (design); theatre and English (playwriting and criticism); theatre or dance and econ-management (theatre or dance management); theatre, history, and foreign language (research); etc.

### *Group A: General Courses*

#### **101. Introduction to Theatre (Denny, Gardner, Vanderbilt, Kahn)**

The entry-level course in this department, attempting to develop a broad-based appreciation of dramatic art by approaching the major theatrical eras, representative plays, and the major roles of playwright, director, actor, and designer through lectures, readings, projects, and viewings. Not recommended for majors. Group IV.

#### **102. Comparative Media: Live and Televised Performance (Staff)**

Comparative analysis of dramatic literature in live and televised performance for the general student. Analysis of recent plays in both media is made from the point of view of the impact on audiences. Both media are evaluated as producers of works of art. Not recommended for majors. Group IV.

#### **300.1 Arts Management (Gardner)**

Survey of current policies and practice in the management of non-profit arts organizations, including fiscal responsibility, outreach, arts accessibility, staffing, advocacy, funding, public relations, and boards. The course equips students in management or in any of the arts (music, dance, writing, fine arts, theater) with initial arts management skills.

#### **359. Theatre Education Methods (0.5 units; Gardner)**

The principles and practices of theatre education methods. Theatre Education students will plan and practice strategies of leading theatre lessons for grades 4-12. Required for Theatre Education License. Generally taken concurrently with EDUC 369 and 370. Prerequisite: 259, EDUC 251. F.

#### **369. Playwriting (Gardner)**

(Offered Spring 2005)

A study of the nature and process of playwriting as an art form. Students will analyze traditional play structure, and complete a series of writing assignments, culminating in the completion of a one-act play. On a weekly basis students will be expected to produce original work and respond articulately to other writing. Word processing skills needed. Prerequisite: ENG 105. Also listed as ENG 318. Group IV. Writing Course. S.

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# Majors and Courses of Instruction

## *Theatre and Dance*

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### *Group B: History, Literature, and Theory*

#### **499. Seminar (Staff)**

Intensive study of a topic selected from one of the areas of dance or theatre (Asian theatre, expressionism, Eugene O'Neill, Bertolt Brecht, Martha Graham, scene painting, theatre architecture, etc.) Open to all students, majors and non-majors.

#### **341. American Drama and Theatre (Gardner)**

The history of the theatre and drama in America. Study of representative plays and playwrights from colonial theatre through today, and of significant theatres and theatre artists. Emphasis is on contemporary theatre in the United States. Group III. Prerequisite: Freshman English. S.

#### **351. Drama and Theatre to 1640 (Prindle)**

The theatre and representative plays, illustrating the development of drama and theatre in its various forms and styles in Western Europe in the following periods: Classical Greek and Rome; Medieval and Renaissance. Consideration is given to the influence of the social setting, the physical theatre, prevalent theories of drama and criticism, and other theatrical conditions in each period. Group III. Also listed as ENG 342. S.

#### **361. Drama and Theatre, 1640-1900 (Lewes)**

The theatre and representative plays, illustrating the development of drama and theatre in its various forms and styles in Western Europe in the following periods: Neo-Classical, Restoration, Romantic, and Realistic. Consideration is given to the influence of the social setting, the physical theatre, prevalent theories of drama and criticism, and other theatrical conditions in each period. Group III. Also listed as ENG 344.

#### **371. Drama and Theatre in the 20th Century (Kahn)**

The theatre and representative plays, illustrating the development of drama and theatre in its various in Europe during the 20th Century. Emphasis is on the major innovations during the century. Group III. F.

#### **381. Junior Seminar in Performance Theory (Kahn)**

A seminar in the variety and subtlety of performing art events. Through a survey of performance theory, readings, papers, presentations, and viewings, students will probe in-depth the areas of purpose, process, and product especially as related to a personal aesthetic of the performing artist. Prerequisite: Permission of the instructor.

### *Group C: Acting and Directing*

#### **110. Actor's Voice (Denny)**

The production and characteristics of voice, developing insights into effective vocal action, and articulation. Concurrent, practical exercises and reading assignments are designed to improve vocal power, projection, clarity, and expressiveness. Not recommended for majors. Group IV.

#### **210. Beginning Acting (Denny)**

Investigation into the basics of acting: development of the actor's personal perception and understanding of script and character analysis. Various training techniques incorporating group and solo performance are utilized to enhance creative expression and interpretation. The standard concepts of Stanislavski provide the basis for all work. Group IV. F.

#### **220. Movement (Denny)**

Theory and practice in training the body to serve as a means of communication for the actor. Individual and group experiences will enhance actor freedom, creative expression,

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# Majors and Courses of Instruction

## *Theatre and Dance*

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and dynamics of performance. Emphasis will be placed on the movement and performance techniques of Alexander, Feldenkrais, and Berry. See DANC 220. Group IV. Prerequisite: 210 or permission of instructor.

### **250. Oral Interpretation (Rabby)**

Principles of reading technique and oral interpretation applied to selected works of poetry, prose, and dramatic literature. A series of individual and group readings is prepared and presented to develop expressive use of the voice and to stimulate response to the emotional, intellectual, and aesthetic values of the literature. Group IV.

### **259. Developmental Drama (0.5 unit; Gardner)**

The principles and practices of creative drama in order to enhance learning opportunities in formal education as well as growth in personal and social development. Students will practice strategies of planning and leading drama for grades Pre-K through three. Required for early childhood education majors and theatre education majors. Also meaningful to students pursuing careers in psychology and recreation. Prerequisite: EDUC 251. Also listed as EDUC 259. F. (First half of the semester)

### **260, 360, 460, 470. Acting Workshop (Denny)**

Repeatable workshops concentrate on specific acting techniques and on scene study through in-depth character analysis and reading acting theory. Focus is placed on the process of creating a role through the study of characters in significant play texts. Actors appear in a variety of scenes and monologues throughout the courses, each focused on improving the skills of the individual actor. Prerequisite: 210 and permission of instructor. Group IV.

### **380. Directing for the Stage (Kahn)**

Principles and practice of directing for the beginning director: class discussion of directing theory, the director's approach to the script, and laboratory experience in directing scenes. Prerequisite: 126 and 210. F.

### *Group D: Dance (DANC)*

### **115. Dance Technique I (Staff)**

Introduces various approaches to modern dance. Explores articulation of the body as a physically strong and creatively expressive instrument. Experience provides study in anatomy, rhythm, tempo, dynamics, movement patterns, improvisation, and relaxation techniques. Emphasis on personal growth and improvement. Group IV.

### **125. Musical Theatre Dance (Staff)**

Specific skills for technical performance in dance forms other than modern dance. This course may include several forms or it may focus on one form, e.g., jazz, tap, ballet, or ethnic dance, for the musical theatre. Group IV.

### **215. Dance Technique II (Staff)**

A continuation of the investigations of Dance Technique I. Emphasis on execution through technique. Prerequisite: Permission of the instructor or 115. Group IV.

### **220. Movement (Denny)**

(Alternate years)

Theory and practice in training the body to serve as a means of communication for the actor. Individual and group experiences will enhance actor freedom, creative expression, and dynamics of performance. Emphasis will be placed on the movement and performance techniques of Alexander, Feldenkrais, and Berry. See THEA 220. Group IV. Prerequisite: 210 or permission of instructor.



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# Majors and Courses of Instruction

## *Theatre and Dance*

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### **225. Dance Practicum (0.25 unit; Staff)**

Through participation in the production of plays and dance programs in the Chappellear Drama Center, students may earn 0.25 units of credit each half semester for satisfactorily completing contracted production or performance responsibilities. Four fractional units equal one semester course credit. Prerequisite: contract must be arranged with instructor.

### **315. Dance Composition (Staff)**

Movement studies that examine compositional dance elements including time, space, weight and effort. Students create solo movement investigations that combine the various dance elements. Emphasis on individual movement proclivities and choreographic intent. Prerequisite: Permission of the instructor or 215. Group IV.

### **325. Choreography (Staff)**

Choreography as process and product. Students choreograph duet, trio, quartet, and larger group dances. The process includes a written statement of intent, a journal, a weekly consultation and critique, and final performance. Prerequisite: 315 or permission of instructor.

### **345. Advanced Dance Practicum (0.5 unit; Staff)**

Through participation in the play production program in Chappellear Drama Center, students may earn 0.5 unit of credit per production for satisfactorily completing a contracted major production or performance responsibility, i.e., a crew head, choreographing a dance, a major acting role. Two fractional units equal one semester-credit course. Prerequisite: contract must be arranged with instructor.

### **445. Advanced Dance Projects (Staff)**

Senior majors and minors may earn up to two units of credit per production for satisfactory completion of individual advanced projects. Decimals indicate the specific area of the problem. Projects must be approved by the faculty and scheduled into the production season one year in advance.

### **126. Introduction to Technical Theatre (Vanderbilt, Knutson)**

Foundation course for all production work covering the organization and use of technical elements utilized in the performing arts, especially scenery, lighting, and stage management. Substantial lab required. Group IV. F, S.

### **236. Topics in Technical Theatre (0.5 unit; Vanderbilt, Knutson)**

Modular course in various specialty areas in the performing arts. Two modules offered per year. Two modules equal one unit course. F, S.

.1 Technical Production	.6 Lighting Technology
.2 Scene Painting	.7 Sound
.3 Costume Construction	.8 Props
.4 Costume History	.9 Stage Management
.5 Make-up	.10 Special Topic

### **256. Elements of Design (Vanderbilt, Knutson)**

Study in the conception, preparation, and presentation of design ideas for the performing artist. Emphasis will be on projects to familiarize students with design principles, their articulation in line, color, texture, and collaborative process with the creative staff of a production. Substantial lab assignments required. Prerequisite: 126 or permission of instructor. Group IV. F.

*Group E: Design  
and Technical  
Production*

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# Majors and Courses of Instruction

## *Theatre and Dance*

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### *Group F: Practica and Independent Study*

#### **366. Design Studio (Vanderbilt, Knutson)**

Specialized study of individual design areas used in the performing arts. Emphasis is on specific projects in respective areas and independent design work. Prerequisite: 256 and permission of instructor. S.

- .1 Scene Design
- .2 Lighting Design
- .3 Costume Design
- .4 Computer-Assisted Design
- .5 Technical Direction

#### **237, 247. Theatre Practicum (0.25 unit; Staff)**

Through participation in productions in the Chappelle Drama Center, students may earn 0.25 units of credit per production for satisfactorily completing contracted production or performance responsibilities. Four fractional units equal one semester course credit. Prerequisite: contract must be arranged with instructor. Repeatable.

#### **257. Summer Theatre Practicum (Staff)**

Students may earn one unit of credit by successfully completing a contracted production or performance responsibility during the summer. Permission of the instructor is required.

#### **337, 347. Advanced Theatre Practicum (0.5 unit; Staff)**

Through participation in the productions in Chappelle Drama Center, students may earn 0.5 unit of credit per production for satisfactorily completing a major production or performance responsibility, i.e., a crew head or a major acting role. Two fractional units equal one semester-credit course. Prerequisite: contract must be arranged with the instructor. Repeatable.

#### **407-497. Senior Theatre Projects (Staff)**

Senior majors may earn academic credit for satisfactory completion of individual advanced projects. Projects must be approved by the faculty and scheduled into the production season one year in advance. Permission of the instructor is required.

- 407. Acting**
- 417. Management**
- 427. Children's Theatre/Developmental Drama**
- 437. Directing**
- 447. Technical Production**
- 457. Scene Design**
- 467. Costume Design**
- 477. Lighting Design**
- 487. Playwriting**
- 497. Musical Theatre**

#### **490. Independent Study (Staff)**

Elective under certain restrictions and with permission of instructor.

#### **491. Directed Readings (Staff)**

Elective under certain restrictions and with permission of instructor.

#### **495. Apprenticeship (Staff)**

Elective under certain restrictions and with permission of instructor.

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# Majors and Courses of Instruction

## *University Courses*

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### **University Courses**

#### **099. College Success (0.25 unit; Staff)**

Strategic suggestions for successful adjustment to the academic and other demands of college life. Helpful techniques in time management, memory enhancement, reading efficiency, note taking, test taking, etc., are explored under faculty supervision. Freshmen only. By permission only.

#### **150. National Colloquium (0.25 unit; credit/no entry; Staff)**

Students will be required to attend speaker events, faculty seminars, and possibly films and/or a theatre production for a total of no fewer than 16 contact hours. The seminars will emphasize creative pedagogy and active learning on the part of students, who will have the opportunity to debate issues, offer opinions, and clarify questions raised by speakers. F.

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# Majors and Courses of Instruction

## *Urban Studies*

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### **Urban Studies Major**

*Advisor - Dr. Fusch, Geography*

Almost 80 percent of Americans live in cities, 30 percent in the 20 largest urban regions. The urban studies major is a multi-disciplinary program dealing with the character and evolution of complex urban systems, especially the city system of the United States. It is designed to stimulate insights and to introduce students to urban problem-solving, urban planning, and public policy formation. The major integrates urban-oriented materials from the major divisions of knowledge: social sciences, humanities, natural sciences, and the arts. It is a flexible program: students develop a specific pattern of courses in consultation with the program advisor. The program helps students to be better urban citizens and prepares them for graduate study or employment. Students majoring in urban studies must complete a second major in a traditional course of study (e.g., geography, sociology, politics and government, economics, etc.).

The major is comprised of 12-14 courses, including seven courses from the urban core (Category I below), one of which must be senior seminar/research URB 499; GEOG 380 may substitute for this course; four from Categories I or II (below); and 1-3 units of off-campus study or work experience as approved by the urban studies advisor. The Urban Studies Advisory Committee is continuously developing apprenticeship programs in Central Ohio and various other settings. The following offer opportunities: Comparative European Urban Semester, and the GLCA Philadelphia Urban Semester (see Off-Campus Study Programs in the previous chapter of this Catalog).

Category I (Core Courses): URB 250, 499; GEOG 345, 353, 370, 380; MATH 105 or 260; HIST 354, 376, 377, 378; PG 356, PHIL 234, 359; SOAN 352, 357, 359.

Category II (Cognate Courses): CHEM 230; GEOG 347, 355; PHIL 233; PG 350, 352; SOAN 279, 354, 356, 363.

### **Courses**

250. Human Values and the Urban Process (Fusch)

An interdisciplinary orientation to the challenges of cities from a liberal arts perspective. Topics include urban structure, history, land use, planning, imageability, and future alternatives as they reflect human values. Classes include field experience, simulations, media presentations, lectures, and visiting practitioners, built on a discussion base. A major research project is completed by each student. There are no prerequisites. The course is designed as an introduction for urban studies majors and the general student. S.

490. Independent Study (Staff)

491. Directed Readings (Staff)

495. Apprenticeship (Staff)

499. Seminar (Staff)

Reading and research on selected topics of issue in urban studies. Open only to senior majors in urban studies or by permission of instructor. (GEOG 380 may substitute for this course; see listings in Geography.)

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# Majors and Courses of Instruction

## Women's and Gender Studies

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### Women's and Gender Studies

*Assistant Professor Bhaskaran*

Women's and Gender Studies is an area of study as well as an optic for understanding society, culture, and political events. The program offers interdisciplinary, cross-cultural, and transnational courses and provides a meeting ground to explore questions about political institutions, global events, and collective and individual action. Courses in the program examine how an individual's social experiences are shaped by history and institutions of gender/sex, socioeconomic class, race, sexuality, and nationality.

Students are encouraged to develop their analytical, comparative, transnational, and media literacy skills by taking courses in the program offered by contributing faculty in history, economics, literature, sociology, anthropology, journalism, and zoology, as well as many other departments. The academic frameworks provided in courses seek to enhance the integration of these skills beyond the classroom and campus to one's everyday public and personal lives.

Courses in the Women's and Gender Studies program provide perspectives throughout the entire curriculum as they are also taught by many faculty across disciplines. In this way the program enriches more traditional disciplinary approaches not simply by including the study of women and gender constructions but by transforming the categories through which knowledge is produced, applied, and disseminated within that given discipline.

Women's and Gender Studies courses are categorized in three ways. (I) **Program courses** are primarily interdisciplinary, taught wholly within the WGS program and carry the WGS prefix and course number. Some of these courses are also cross-listed with other departments. These courses focus on the study of women and gender constructions through the frameworks of feminist theories, methodologies, and activism. These courses explore not only the constructions of femininity and masculinity but also how additional social locations and identities (race/ethnicity, socioeconomic class, sexuality, and nationality) shape and make one another. (II) **Discipline-focused courses** are classes taught by faculty whose primary appointment is in another department or program. These classes generally address the study of women and gender within the context of a particular discipline (such as English or history). Many of these courses also explore how feminist frameworks have reformulated their disciplines and analyses. (III) **Related courses** are listed under a course number from the originating department or program. These are courses in which substantive attention (approximately a quarter of the course content) is given to feminist frameworks that explore the intersections of gender, race/ethnicity, sexuality, class, and nationality, but such issues may not be the primary focus of the class.

### Major

**Major:** A minimum of ten units consisting of: WGS 210, one theory or methods course; the remaining eight units of the major will be a mix of program, discipline-focused or related courses; of these eight units a minimum of six units must be program or discipline-focused; a minimum of three courses must be from program courses; no more than two courses can be from related courses; and a course taken in the theory/methods list cannot double count towards these eight units. At least seven out of the 10 courses must be 250 or higher. Students are also encouraged to take relevant electives across the curriculum to enhance their major.

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# Majors and Courses of Instruction

## *Women's and Gender Studies*

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### **Requirements for Women's and Gender Studies major:**

- **WGS 100**

- Choose one **Theory Methods Course** — PHIL 350, WGS 499A, 499B, 499C, 499D, 499E, 499F.

- Remaining Eight Units:

- **Program Courses (I)** — WGS 260, 300.1, 300.2, 300.3, 490, 491, 495, 499A, 499B, 499C, 499D, 499E

- **Discipline-Focused Courses (II)** — ENG 224, 266, 268, 415, HIST 375, 385B, HMCL 226, 251, PE 300.4, PG 260, PHIL 250, 350, PSYC 337, 339, SOAN 348, 349,

- **Related Courses (III)** — ECON 277, ENG 226, 273, 278, 350, 360, 362, 369, FREN 379, GEOG 336, HMCL 124, 265, 375, PHIL 310, RELI 352, SOAN 351, 359, THEA 190.1, ZOOL 102, 251

### Minor

**Minor:** Minimum five units consisting of WGS 210 and four units from program, discipline-focused, or related courses. Of these four units, one unit must be from program courses.

### Courses

#### **110. Introduction to Women's & Gender Studies (Bhaskaran)**

This is an interdisciplinary course, a survey and introduction to the field of Women's and gender studies, which raises questions about why and how culture and institutions are fundamentally gendered. We will explore how gender is deeply shaped by and shapes other interconnected identities and institutions such as those of socioeconomic class, sexuality, nationality, and race. Specific topics to be addressed include: key concepts central to feminism; identity formation; violence against women; body consciousness; women's health; analysis of the media and popular culture; sexuality and reproductive rights; and globalization and work. The aim of this course is for students to achieve (1) a comparative manner and the complexity of issues important to multicultural and transnational feminism; (2) a foundation for further work in Women's, Gender, and Feminist studies; and (3) insights concerning personal, social, and political change. This course fulfills the following: Diversity Course and Group III (Humanities Literature) requirements.

#### **260. Bodies, Medicine, Feminist Health Activism (Bhaskaran)**

In this course we will look at why and how medicine, as a social and political institution, has shaped our bodies, consciousness, cultural spaces, and access to health care. In particular, we will examine the historical, political, economic, and cultural contexts within which biomedicine (in particular, the US medical establishment) emerged and some of its key philosophical assumptions. Specific topics that will be addressed include: the historical contexts within which gynecology and anatomy emerged; the politics of hormones; the role of pharmaceuticals and corporations; the medical construction of sexuality, race, and bodies; medicalization and social control (in the diagnosis of hysteria, depression, madness, birth, plastic surgery, cancer, etc.); Medicare and Medicaid; critiques and alternatives to biomedicine; the role of the popular media and medial education; and the People's Health Movement, community health initiatives, and feminist activism. This class will involve field assignments that will enhance feminist methodology and research such as interview and shadow techniques. This course fulfills the following: Diversity Course and Group I (Social Science) requirements.

#### **300.2. Gender, Globalization, Militarization (Bhaskaran)**

This course examines feminist and gender-related issues worldwide within various historical, cultural, political, and economic contexts. The course is organized to explore

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# Majors and Courses of Instruction

## *Women's and Gender Studies*

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feminist politics as individual and collective practices, and organized movements, globally. The course will be set up around multiple themes and issues such as: exploring conflicts and militarization in various regions of the world (such as in Palestine and Israel; Northern Ireland; Afghanistan; and the U.S.); the relationship between religious fundamentalism, nationalism, and globalization; the growing migrations of women as refugees, asylees, immigrants, and workers; and theories of that examine the gendered and uneven relationship between local and trans/national institutions and processes. The course will also address the ways in which international economic, cultural, and political inequalities have complicated gender debates, creating new alliances, as well as conflicts, tensions and solidarities between feminists. This course fulfills the following: Diversity Course and Group I (Social Science) requirements.

### **300.3. Queer Studies (Bhaskaran)**

When and how did people get something called sexual identity? Why does sexuality, the regulation of erotic desires, and the criminalization of sexual practices carry so much importance in modern societies? In what way does the management of these rules relate to interconnected identities of gender, race, class, and citizenship? What is the relationship between sexual identity and power? The course will explore these questions by examining the literature in the emerging field of sexuality and queer studies. In particular we will study the making of identities, sexualities, communities, and practices that are variously referred to as: queer, gay, heterosexual, heteronormative, intersexed, lesbian, transgendered, transsexual, butch/femme, two-spirit, third sex, tomboys, homosexual, sissies, and genderqueer. Specific topics/debates that will be examined include: the history of sexuality; sexuality-focused liberation movements; the impact of 19th and 20th century sexology; the construction of heterosexuality; laws and policies of nation-states on sexuality; and the queering of American popular culture. The emphasis in this course is on providing students with the conceptual apparatus and historical framework to approach research topics and projects on cross-cultural sexuality and gender. This course fulfills the following: Diversity Course and Group I (Social Science) requirements.

### **490. Independent Study (Staff)**

Individual study, with written results, of an appropriate topic. The student should consult the faculty member with whom she or he will work and prepare a written outline with a bibliography of the study to be undertaken. This should be submitted to the coordinator for approval during the semester preceding the one in which the work is to be done. Normally, only one unit of 490 or 491 may be counted toward the major. F, S.

### **491. Directed Readings (Staff)**

Individually designed reading program on an appropriate topic. The student should consult the faculty member with whom she or he wishes to work, and prepare a bibliography of the reading program. Evaluation methods will be stated in writing on the proposal. This should be submitted to the coordinator for approval during the semester preceding the one in which the work is to be done. Normally, only one unit of 490 or 491 may be counted toward the major. F, S.

### **495. Apprenticeship Program (Staff)**

Opportunity for advanced students to engage in apprenticeships in areas of academic preparation and interest. The student should consult with the faculty member who will

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# Majors and Courses of Instruction

## *Women's and Gender Studies*

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oversee the apprenticeship and prepare a written description of the project. This should be submitted to the coordinator for approval during the semester preceding the one in which the work is to be done. Normally, only one 495 may count toward the major. F, S.

### **499. Seminar**

Normally, one of the following courses will be offered each year. Students may take a second seminar to count toward the core course requirement.

#### **499A. Seminar in Feminist Literary Theory (Steinitz)**

The last 30 years of feminist literary studies, working historically through the development of an array of theoretical perspectives and conflicts, and addressing issues such as: challenges to the canon; the intersections and collisions between race, class, and gender; Anglo-American and French feminisms; theories of reading; the gaze; queer theory; and masculinity. The course is designed for students with substantial experience in English and/or women's studies who are prepared to devote in-depth attention to complex and dense material. Also listed as ENGL 415. S.

#### **499B. Seminar in the History of Feminism (DeMarco)**

(Not offered 2004-05)

The historical development of feminism in Great Britain and the United States from the late 18th Century to 1900, with readings and seminar reports on primary sources ranging from Wollstonecraft (1790) to Gilman (1898).

#### **499C. Seminar in Feminist Anthropology (Howard)**

This course considers recent theoretical issues regarding constructions of gender within the United States and around the world. We focus on power and the conditions in various gender systems that result in power and powerlessness, both personally and collectively. We examine a diversity of perspectives on gender and the experiences of people across rigid social boundaries (such as class, race, ethnicity, sexual identity and ability/disability) in search of a more humane, inclusive social change. Also listed as SOAN 375.

#### **499D. Seminar in Contemporary Feminist Theory (Bhaskaran)**

This course will provide an overview of some of the major strains, issues, and debates within contemporary U.S. feminist thought. Often U.S. contemporary feminist theory is characterized as a typology of theories (sometimes assumed to be distinct and separate from each other) that follows a linear chronology such as: liberal feminism, Marxist feminism, socialist feminism, radical feminist, postcolonial/global feminism, postmodern/poststructuralist feminism, feminist ethnography, and critical race or "woman of color" feminism (or as *first*, *second*, and *third* wave feminisms). This course fulfills the following Diversity Course and Group III (Humanities Literature) requirements.



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# Majors and Courses of Instruction

## *Women's and Gender Studies*

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**499E. Senior Seminar: The Representation of Women of Color in Literature and the Arts (Staff)**

Examination of literary, cinematic and theoretical works by women of color from around the world in the context of non-western and indigenous feminisms. Readings, slides and films will be used as a basis of discussions about the distinctions between western mainstream feminism and other contemporary and postcolonial positions. We will look at the various intersections between gender and the politics of race, class, ethnicity and religion. Works to be studied include essays, films and works of fiction from the following nations: Mexico, India, Pakistan, Iran, China and the US. Recommended for seniors with previous experience in upper-level courses in Women's and Gender Studies, Humanities, English, or Philosophy and/or those who are prepared to undertake relatively sophisticated approaches to works of fiction and theory. Cross-listed as HMCL 499A. S.

**499F. Senior Seminar: Women, Art and Culture (Neuman de Vegvar)**

(Not offered 2004-05)

Examination of the roles of women as visual artists and patrons of the visual arts against the background of women's roles in the western cultural tradition from the Roman Empire to the contemporary art scene. Aspects of the application of feminist theory to art history are also considered. Requirements include several seminar reports and papers. See ART 499. Prerequisite: ART 110 or 111.

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# Majors and Courses of Instruction

## *Zoology*

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### **Zoology**

*Professors Burt, Gatz, Radabaugh*

*Associate Professor Downing*

*Assistant Professors Carreno, Hamill, Leupen, Markwardt*

*Continuing Part-time Assistant Professors Tuhela-Reuning, Waterhouse*

The Department of Zoology offers five versions, or sequences, of the major to suit various interests. All sequences begin with many of the same core courses, but each has unique features that make it best for one of the numerous fields a student might choose — medicine, environmental work, genetics, biomedical engineering, neuroscience, teaching in high school, museum studies, research, etc. All members of the zoology department are academic advisors and are available to help majors or potential majors in curriculum planning.

Course offerings are correspondingly diverse in emphasis: molecular and organismal, laboratory and field, practical and theoretical. New digital imaging equipment and fluorescence microscopy laboratory, scanning electron microscope laboratory, polymerase chain reaction and molecular biology laboratory, zoology museum, and other facilities offer students opportunities to work with the newest technologies. Other courses offer students off-campus facilities and opportunities: Ohio Wesleyan's Kraus and Bohannon nature preserves close to campus; a transmission electron microscope at the nearby USDA laboratories; apprenticeships at nearby hospitals, Stratford Ecological Center, veterinary clinics, and at the Columbus Zoo.

Majors are encouraged to exceed minimum requirements and to seek distinctive learning and research experiences. These often take the form of independent study in the junior or senior year, summer research at Ohio Wesleyan or another institution, or summer courses at a biological field station. Such summer experiences can count toward major requirements.

Numerous awards are available to departmental majors. The Edwin G. Conklin Award recognizes excellence in independent studies by a senior zoology major. The Ralph A. Bowdle Award recognizes exceptional contributions to the department by a senior major. The George B. Harris Award is given for outstanding academic achievement by a senior major. The Esther Carpenter Award honors a senior woman zoology major who best exemplifies the ideal of a liberal arts education and shows potential for future contributions to her profession and society at large. The Edward L. Rice Scholarship offers financial assistance to zoology students who, in the summer, broaden their experience by taking a course at a biological field station or participate in research at a similar field site during the summer. The Kraus Research Fellowships support field research at the 80-acre Kraus Nature Preserve. The William D. Stull Curatorship supports a student who performs curatorial duties in the Ohio Wesleyan Museum of Zoology. The Elizabeth Cass Wills prize is given to a senior or recent graduate entering graduate school in zoology.

To satisfy distribution requirements, non-majors usually elect courses from among ZOO 101 or 102, 115, 251, 261, 341, 343, 345, and 349. All courses in the department are, of course, open to any student who meets the prerequisites listed.

See the Advanced Placement section of this Catalog for information about advanced placement in biology. Students who have received a 4 or 5 on the advanced placement test in biology and who wish to take additional courses in biology must take a placement test during orientation.

Course credits submitted for a major or minor in zoology may not be taken credit/no entry.

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# Majors and Courses of Instruction

## Zoology

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### Majors

**Pre-Professional Zoology Sequence:** ZOOL 115, BOMI/ZOOL 120 and four full-unit zoology courses, including one from each of the following three groups: (a) 261, 271; (b) 311, 313, 341, 343, 345, 349, 353, 361; (c) 325, 331, 333, 335, 351, BOMI/ZOOL 356. Also required are: BOMI 110 or BOMI 280 or BOMI 328, CHEM 110, 111, 260, 261; MATH 110, 111; and PHYS 115, 116 or PHYS 110, 111. Recommended are ENG 312; and MATH 230 or PSYC 210. Students are urged to consult with their advisors as to which of the recommended courses, or others, will be most appropriate to their particular interests and plans. This major will satisfy the minimum entrance requirements of almost all graduate departments of biology, zoology, or related sciences including medical, dental, and other health professional schools.

**General Zoology Sequence:** ZOOL 115, BOMI 110, BOMI/ZOOL 120, and ZOOL 261 or 271; CHEM 110 and 111; six zoology courses (one from each of the following three groups and any other three chosen in consultation with the faculty advisor); (a) ZOOL 325, 333, Comparative Physiology, 351; (b) ZOOL 311, 313, 345, 361; (c) ZOOL 331, 341, 343, 347; and two additional courses in any of the natural sciences. Recommended are ENG 312 and MATH 105, 230, or PSYC 210.

**Biology Sequence:** Core courses are BOMI 110, ZOOL 115, BOMI/ZOOL 120, CHEM 110 and 111, and either ZOOL 261 or BOMI/ZOOL 271. Beyond this core, the requirements are (a) 5 additional upper-level courses in BOMI and ZOOL with at least two non-crosslisted courses under the 400 level in each department, and (b) two additional natural science courses. This sequence offers flexibility for students who desire a broad background in biology and also best serves those interested in K-12 teaching. Students seeking licensure for teaching must consult with the education department as soon as possible for specific requirements. Other students who choose this sequence should consult with BOMI or ZOOL faculty member for advise on course selection. The biology sequence may not be combined with any other major sequence in BOMI or ZOOL for a second major.

**Genetics Sequence:** BOMI 110, ZOOL 115, BOMI/ZOOL 120, CHEM 110 and 111, ZOOL 261, BOMI/ZOOL 271 and 272, BOMI 326 or 328, ZOOL 333 or BOMI 356, BOMI/ZOOL 351, BOMI 353, two semesters of BOMI or ZOOL 499, plus two additional courses in BOMI, ZOOL, or CHEM. CHEM 260 and 261 are highly recommended.

**Pre-Biomedical Engineering:** Students who meet all of the requirements for the Combined Bachelor's/Professional Degrees, as set forth in the previous section of the *Catalog*, may transfer to an engineering school at the end of their third year for two or more years of study. Upon successful completion of the engineering school program, the student will receive a B.A. degree in zoology from Ohio Wesleyan and a bachelor of engineering degree from the engineering school. Ohio Wesleyan has cooperative arrangements in biomedical engineering with the following engineering schools: Case Western Reserve University and Washington University (St. Louis). Courses required: CHEM 110, 111, 260; MATH 110, 111, 210, 280; PHYS 110, 111, and 275 or 280; BOMI/ZOOL 120; ZOOL 325; one from among CHEM 261, BOMI/ZOOL 271, 351. CS 110 is recommended. (Note that PHYS 275 is preferred by Washington University while 280 is preferred by Case Western Reserve University.)

### Minors

**Minor in Zoology:** Five unit courses, at least three of which must be upper level. (C/NE not acceptable.) Students can minor in zoology or biology but not both. Biology sequence majors and genetics sequence majors cannot minor in either BOMI or ZOOL.

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# Majors and Courses of Instruction

## Zoology

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### Courses

**Minor in Biology:** Five unit courses in biological sciences with at least two units from botany-microbiology and two units from zoology. Two of the five units must be upper level (C/NE not acceptable). Not available to majors in either botany-microbiology or zoology.

Entering students interested in a zoology major should take ZOO 115, 120 or CHEM 110 during the fall semester of their first year.

**101. Human Biology (Gatz)**

An introduction to human biology with an emphasis on how our evolutionary past has shaped us to be as we are today. Topics covered include our relatedness to other living creatures, why and how we age, how our immune system works, how genetic diseases fit in, the role of nutrition and lifestyle in health including heart disease, basic neurobiology and endocrinology, the hormonal biology of stress, and human reproduction including early development and sexual differentiation. Students may not receive credit for both 101 and 102. S.

**102. Genes, Evolution, and Society (1.25 units; Burt)**

(Not offered 2005-06)

We focus on the human impact of biology. After emphasizing human reproduction and development, we study DNA structure and function, and inheritance patterns. Evolution is studied as a theory, is clarified through application of population genetics, and is used to look at human origins. Other topics include: human ecology and behavior, research on AIDS, genetic engineering, and global warming. Laboratory offers opportunities to isolate DNA, explore human behavior, or examine your genetic inheritance. Students may not receive credit for both 101 and 102. F.

**105. Behavior of Familiar Animals (0.5 unit; Staff)**

(Not offered 2005-06)

The biological bases of the behavior of common pets, domestic, and other familiar animals. Comparisons with wild ancestral forms, interactions with humans, social behavior, and other specific patterns are discussed against the background of the general principles of ethology.

**107. Biology and Tropical Nations (0.5 unit; Staff)**

(Not offered 2005-06)

A consideration of biological aspects of the interactions between human and tropical environments. Major emphasis is on the biology, control, and consequences of tropical diseases (particularly malaria and schistosomiasis). Other topics include nutrition and food resources (animal husbandry, crop choices, fisheries, aquaculture) and the biological implications of development decisions.

**115. Animals and Their Environment (1.25 units; Downing, Radabaugh, Waterhouse)**

The problems of biological existence and the solutions to these problems shown by representative animals. The animal kingdom is surveyed, and principles of ecology and evolution are introduced. In the laboratory, students investigate the structure, function, and ecology of animals using standard laboratory and field techniques. Students engage in experimental design and analysis. Students may take before or after ZOO 120. F, S.

**120. Introduction to Cell Biology (1.25 units; Carreno, Hamill, Markwardt)**

Basic structure and function of cells and the molecular aspects of cell biology. Emphasis on: cell evolution; organic compounds, including macromolecules; enzymes; organelles;

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# Majors and Courses of Instruction

## *Zoology*

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membranes; energy transformations; classical and molecular genetics; and development. Lecture and laboratory. Prerequisite: a strong background in high school chemistry or CHEM 110. Students may take before or after ZOOL 115. Also listed as BOMI 120. F, S.

### **251. Human Structure and Function (1.25 units; Staff)**

Students gain an understanding of the basic structure and function of the human organ systems. Regulatory mechanisms and responses to internal changes and environmental stresses, including exercise, are emphasized in lecture and class discussion. Demonstrations, dissection, and experimental techniques are used in the laboratory to illustrate aspects of both physiology and anatomy. This course is not open to students who have credit for ZOOL 300.7, 321, 322, or 325. Prerequisite: one unit in BOMI or ZOOL, preferably including some laboratory experience. S.

### **261. Evolution (Gatz, Carreno)**

Major concepts of biological evolution. The first half of the course deals with the mechanisms of evolution from the molecular level up through modes of speciation to major patterns in evolution. The second half of the course focuses on historical evolution surveying life from its origin through the time of the dinosaurs and finishing with a focus on the human evolution. Prerequisite: BOMI/ZOOL 120, ZOOL 101 or 102, or equivalent. F, S.

### **271. Genetics (Hamill)**

A broad-based course in genetics. Topics to be covered include the principles and cellular mechanisms of inheritance, including the inheritance of human traits and diseases; the molecular nature of the gene including the regulation of gene expression; and modern genetic techniques and topics including genetic engineering, cloning, genomics, and proteomics. An optional lab (BOMI/ZOOL 272) is available. Prerequisite: BOMI/ZOOL 120. Also listed as BOMI 271. F.

### **272. Genetics Laboratory (0.25 units; (Hamill)**

Laboratory investigations in classical genetics, cytogenetics, population genetics, and molecular genetics. Concurrent or prior enrollment in BOMI/ZOOL 271. Also listed as BOMI 272. F.

### **300.5 Tropical Biology (1.25 units; Burt, Johnson)**

(Not offered 2005-06)

Tropical biology will emphasize the biodiversity and plant/animal interactions found in tropical ecosystems of the world. Students will look at the evolutionary processes that account for the remarkable diversity of life and will compare the diversity of different tropical regions of the world. The course will be team-taught by a botanist and a zoologist who will present an integrated picture of the tropics and will stimulate discussion through their interactions during class. The course will use the neotropics as the basis for comparison to other tropical regions, and will visit Costa Rica during spring break. The trip will constitute the laboratory portion and will include student projects, the progress of which will be discussed during evening gatherings in the field. Museum and greenhouse collections at Ohio Wesleyan will be used to illustrate lectures. Also listed as BOMI 300.5. S.

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# Majors and Courses of Instruction

## *Zoology*

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### **311. Invertebrate Zoology (1.25 units; Downing)**

(Alternate years. Offered 2005-06)

Over 95% of all animals are invertebrates. This course explores the tremendous diversity of invertebrates including their ecology, natural history, evolutionary history, structure, and function. Laboratory study involves hands-on investigation of representative forms from marine, terrestrial and freshwater ecosystems. Students become familiar with local fauna through field trips to local habitat. Prerequisite: 115. F.

### **313. Entomology (1.25 units; Burt, Carreno)**

(Alternate years. Offered 2006-07)

Evolutionary resume of Arthropod groups followed by an introduction to the biology of insects: their structure, classification, life histories, ecology, and behavior. Summer collecting is highly desirable and the student should plan it in consultation with the instructor following the spring pre-registration. Lecture and laboratory. Prerequisite: 115. F.

### **318. Electron Microscopy: Theory and Practice (Tuhela-Reuning)**

An exploration of the physical nature of electron microscopy with emphasis on the scanning electron microscope (SEM). Students investigate the influence of electron beam parameters on imaging and how to correct imaging problems to optimize analysis. Topics covered include sample selection, sputter coating, cryo preparation, and elemental analysis by energy dispersive spectrometry (EDS). Students gain extensive, hands-on experience using the SEM. Lecture and laboratory. Additional lab time required outside of scheduled lab. Prerequisites: any two science courses that count towards a science major or permission of instructor. Also listed as BOMI 318 and GEOL 318. F.

### **325. Human Physiology (1.25 units; Leupen)**

The principles and mechanisms underlying human physiology. The relationships between structure and function are covered, with an emphasis on how cellular and organ systems function and how they are integrated and regulated to maintain homeostasis. Systems covered include cardiovascular, respiratory, renal, muscular, neural, endocrine, immune, reproductive, and gastrointestinal. Science majors who have credit for ZOOL 251 may not enroll without special consent of the instructor. Prerequisite: 120 or equivalent, CHEM 110. F.

### **331. Vertebrate Anatomy (1.25 units; Gatz)**

The functional morphology, comparative anatomy, evolution, natural history, and classification of the vertebrates. Lecture and laboratory study of representative species. Prerequisite: one course in ZOOL.

### **333. Developmental Biology (1.25 units; Hamill)**

The description and analysis of developmental processes in animals, including the cellular and molecular phenomena involved in fertilization, differentiation, and morphogenesis. Includes laboratory study of selected forms and experiments that illustrate some of the fundamental concepts of development. Prerequisite: 120 or permission of instructor. S.

### **335. Comparative Physiology (1.25 units; Leupen)**

An evolutionary approach to animal function, comparing the physiological challenges and adaptations that species and groups of species have. Major animal organ systems covered include: neural, endocrine, cardiovascular, digestive, renal, and respiratory, along with special topics such as navigation and diving physiology. Key physiological principles, such

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# Majors and Courses of Instruction

## *Zoology*

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as the importance of scale in animal function, will be emphasized. This course may be taken before or after ZOOLOGY 325. Prerequisites: 115 and ZOOLOGY/BOMI 120. S.

### **341. Ornithology (1.25 units; Burt)**

The biology of birds with emphasis on evolution, flight, behavior, and ecology. Field experience in identification, population studies, and bird banding. Students will learn to critically evaluate the ornithological literature and will choose one species of bird for intensive study. Lecture and laboratory. S.

### **343. Animal Behavior (1.25 units; Radabaugh)**

(Not offered 2005-06)

Exploration of the developmental, genetic, physiological, environmental, and evolutionary dimensions of animal behavior. Laboratories emphasize experimental and analytical approaches to behavioral questions, and an independent experimental project is required. Prerequisite: one course in zoology. S.

### **345. Marine Biology (1.25 units; Downing)**

(Alternate years. Offered 2006-07)

Marine biology is the study of life in the ocean. Topics include physical and chemical properties of oceans, productivity and energy flow, and animal and plant diversity. Physical and biological features of major habitats and the ecology of representative animals are discussed. Emphasis is placed on human interactions with the marine environment including human impacts on coral reefs, fisheries, marine mammals, and coastal ecosystems. Laboratory study explores standard marine biology techniques, experimental design, data analysis, and exposure to representative marine animals and plants. Possible field trip to the Atlantic coast. Prerequisite: 115. F.

### **347. Population and Community Ecology (1.25 units; Gatz)**

The scientific study of the factors affecting the distribution and abundance of animals. Ways to gather and analyze data relating to population size, population growth, life histories, competition, predation, community organization and relative abundance of species, are covered. Statistics are taught and used. Lecture and laboratory. Prerequisite: 115. F.

### **349. Island Biology (1.25 units; Burt, Radabaugh, Waterhouse)**

(Not offered 2005-06)

Characteristics of islands, and analysis of the reasons why island organisms provide superior examples for the study of evolutionary, ecological, and behavioral phenomena. The course includes a required trip to the Galapagos Islands (extra cost) and students prepare intensively for this experience. Offered contingent on sufficient enrollment. Prerequisite: Permission of instructor and one unit in BOMI or ZOOLOGY. S.

### **351. Cell and Molecular Biology (1.25 units; Markwardt)**

Advanced cellular and molecular biology topics will be covered. These will include the structure and function of organelles, cellular energetics, the plasma membrane and cell signaling, the cytoskeleton and cell movement and the regulation of the cell cycle. Molecular aspects of eukaryotic DNA replication and repair, transcriptional regulation, protein synthesis and intracellular transport of proteins will be covered in the context of the cellular/molecular basis of human diseases, including cancer. Laboratories include a wide variety of modern cell and molecular biology techniques. Lecture and laboratory. Prerequisites: CHEM 110, 111; BOMI/ZOOLOGY 120 and one upper level BOMI/ZOOLOGY course. CHEM 260 and 261 are strongly recommended. Also listed as BOMI 351. S.

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# Majors and Courses of Instruction

## *Zoology*

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### **353. Conservation Biology (Downing)**

The course will focus on how science can inform conservation decisions by offering in-depth exploration of current issues in conservation. Specific topics include biological reserve design, sustainable harvesting, invasive species, maintenance of genetic diversity, endangered species management, the measurement and preservation of biodiversity, and the economic valuation of ecosystem services. Students will read primary scientific literature and will engage in computer modeling and spreadsheet exercises exploring each topic in detail. Necessary mathematical and modeling concepts will be covered in class; however, students should be prepared to use basic mathematical skills throughout the course. Prerequisite: 115, and ZOOL 347 or BOMI 233 or permission of instructor. F.

### **356. Immunology (1.25 units; Markwardt)**

(Alternate years. Offered 2005-06)

Discussion of the immune response at the cellular and molecular level, including discussion of structure of antibody molecules, B-lymphocytes and antibody production, cell cooperation in immune responses, antigen-antibody specificity, antigen-antibody reactions, complement, T-lymphocytes and cell mediated immunity, hypersensitivity, and immunodeficiencies. Lecture and laboratory. Prerequisite: 120. Also listed as BOMI 356. S.

### **361. Parasites and Immunity (1.25 units; Carreno)**

This course explores parasitic associations, particularly those of medical and veterinary importance. The evolution, life cycles, and pathology of representative protists, helminths, arthropods, and other groups are discussed in lectures and further examined in the laboratory. The laboratory component emphasizes parasite anatomy and identification, parasite collection, diagnostic techniques, and experimental approaches. Prerequisite: 120 or equivalent. F.

### **379. Molecular Techniques (0.5 unit; Carreno)**

(Not offered 2005-06)

An advanced course in molecular biology techniques. Includes a discussion of the most common techniques along with extensive laboratory experience, including PCR technology. Critical analysis of scientific articles, experimental design, and the use of the scientific method are emphasized. Also listed as BOMI 379. Prerequisites: BOMI/ZOOL 351 or BOMI 353; permission of the instructor. Also listed as BOMI 379. F.

### **490. Individual Study and Research (Staff)**

Elective for superior junior and senior majors, and others with permission of the instructor and the department. F, S.

### **491. Directed Readings (Staff)**

### **495. Apprenticeship (Staff)**

Practical experience related to a senior or junior's major area of study. The department maintains formal ties with the Columbus Zoo, local hospitals, and other institutions to facilitate internship arrangements.

### **499. Zoological Seminar (0.50 unit; Staff)**

Consideration of selected topics. Each term earns 0.50 graduation units. Instructor's permission required for underclass students. F, S.



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# Student Life and Non-Academic Regulations

*Student Life*  
*Student Handbook*

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## **Student Life**

The Division of Student Life provides a wide variety of services and co-curricular learning opportunities through formal and informal programs and activities for students. Each Student Life office is staffed with professionally trained people skilled at assisting students to pursue a broad liberal arts education. Most Student Life staff members hold at least a Master's degree in Student Development or a related field. Nearly all areas traditionally identified as "student affairs" report to the Provost through the Dean of Student Life. These include the offices of: Residential Life, Judicial Affairs, Student Activities, Counseling Services, Career Services, Public Safety, Student Health Services, Greek Affairs, Women's Resource Center, the Hamilton-Williams Campus Center, New Student Programs, Minority Student Affairs, International Student Services, and Student Government (WCSA).

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## ***The Student Handbook***

*The Student Handbook* contains a complete directory of University offices and services, and a listing of academic and non-academic regulations and policies. *The Handbook* is posted on the University's Web site each fall and updated as needed during the course of the academic year. Copies of the *Code of Student Conduct* are distributed to all students at fall and spring registration, and additional copies may be obtained in the Office of the Dean of Students (HWCC 230). The handbook supplements the University's *Catalog* as the official statement of non-academic policies and procedures. It is expected that all students will become familiar with the University policies outlined in these publications. Any changes in University rules and regulations after the publication of a new *Catalog*, *Student Handbook*, or *Code of Student Conduct* will be shared with the campus community through official University notification.

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# Expenses and Financial Aid

## *Tuition and Fees*

## *Financial Aid*

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### **Tuition and Fees**

The total cost of a year's education at Ohio Wesleyan depends on personal lifestyles and tastes, which vary from student to student. Certain costs are fixed, however, and are frequently referred to as the general fee. For 2005/2006 this includes:

Tuition	\$27,920
Room (Average)	3,750
Board (Plan B)	3,800*
Technology Fee	200
Student Activity Fee	160
	<u>\$35,830</u>

\* – The actual cost of board (food) on campus also varies from student to student, as several board plans are available. This figure represents the estimated cost for the average student and is used in determining financial aid awards.

In further quantifying annual expenses, an estimate used in financial aid calculations for books and supplies is \$1,000, and for personal expenses is \$1,050.

Ohio Wesleyan is committed to maintaining a general fee which will ensure satisfactory living conditions and the highest quality educational programs. All charges for tuition, fees, room, and board are subject to change by action of the Board of Trustees.

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### **Financial Aid**

While some assistance is available to students regardless of their financial need (“merit” awards, certain loans and payment plans), the primary purpose of Ohio Wesleyan’s financial aid program is to enable students of limited resources to attend the University. Parents and students are expected to make a maximum effort toward meeting college costs; where they cannot meet full costs, the University seeks to provide assistance.

Ohio Wesleyan’s Application for Financial Assistance (AFA) and the Free Application for Federal Student Aid (FAFSA) are the primary forms required, allowing determination of the student’s financial eligibility. This eligibility may be funded through gift assistance (grants) and/or self-help funds (loans and campus employment), most frequently offered in combination in an aid “package.”

Applicants should submit the AFA form to Ohio Wesleyan and the FAFSA to the Federal Student Aid Processor as soon after January 1 as possible and not later than March 1. These forms are available from secondary school counselors and Ohio Wesleyan’s Financial Aid Office. Students are encouraged to complete the yearly FAFSA online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). All students, and for dependent students, a parent, should also apply for a PIN at [www.pin.ed.gov](http://www.pin.ed.gov). This will serve as an electronic signature. Acceptance of any aid offer requires making the enrollment deposit (next page) by May 1.

Detailed descriptions of financial aid policies and procedures may be obtained from the Financial Aid Office. A new FAFSA must be filed each year for reconsideration, and certain conditions govern all forms of aid. These include the maintenance of certain academic standards. Students should be aware of deadlines for appealing aid ineligibility based upon unsatisfactory academic performance.

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# Expenses and Financial Aid

## *Financial Aid Deposits*

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### **Grants and Merit Awards**

Grants may be obtained through federal, state and institutional programs. Federal assistance includes the Federal Pell Grant and the Federal Supplemental Educational Opportunity Grant. In Vermont, Rhode Island, Pennsylvania and Michigan, students may apply for portable state grants, which may require a separate application and vary in amount. Grants also are made by Ohio Wesleyan through endowed funds and special gifts.

The University further recognizes outstanding academic potential by sponsoring several merit award programs, in which awards are made regardless of financial need. These include a limited number of Dean's Awards (averaging \$12,000\*); Faculty Scholarships (\$13,960\*); Trustee Scholarships (\$20,940\*); and Presidential Scholarships (\$27,920\*), offered to the top applicants each year. Again, continuation of scholarship assistance requires recipients to maintain a specified grade point average.

### **Loans**

The Federal Stafford Student Loan maximum is \$2,625 for freshmen, \$3,500 for sophomores and \$5,500 for upper class students each year. Need-based Federal Loans are subsidized by the Federal Government. Non-need-based, or unsubsidized, loans require that the borrower pay interest, or have it added to principal, while the student is in school. Students may also qualify for the Federal Perkins Loan Program. Cumulative Perkins loans may not exceed \$8,000 by the end of a student's sophomore year. The total amount for undergraduate study is \$20,000. Please contact the Financial Aid Office (246 Slocum Hall) for further information on these programs.

### **Employment**

Part-time employment on campus may be offered as part of the aid package. Utilizing both University and federal funds (Federal Work-Study), this program pays students for work in a variety of administrative and academic offices. To obtain the Federal Work Study funds offered in the aid package, students must be employed under the FWS program. In addition to work-study opportunities, a limited number of student assistantships are available. These assistantships provide a monetary stipend as well as professional job experience.

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### **Application Fee**

Applications for admission must be accompanied by a nonrefundable application fee of \$35.

### **Enrollment Deposit**

All entering students must make a one-time enrollment deposit of \$300 and all current students must maintain the deposit to ensure enrollment, housing and, where applicable, financial aid. Upon graduation or when withdrawal is properly completed in accordance with procedures established by the Office of the Registrar, the enrollment deposit will be credited to the student account. Any resulting credit balance will be refunded. If withdrawal from the University is not completed in accordance with established procedures, the enrollment deposit is forfeited.

\*Amount of Scholarships for 2005/2006 entering recipients.

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# Expenses and Financial Aid

## *Fees*

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### **Fees Tuition**

Since students at Ohio Wesleyan must achieve a minimum of 34 units of credit to earn a degree, it is expected that they will maintain an average enrollment of at least 4.25 units of credit, each semester. The basic tuition covers from 3.25 units of credit (the minimum for full-time status) to 5.50 units of credit. For those students wishing to enroll in extra units, an extra tuition charge will be placed on the student's account for courses in excess of 5.50 units at the time the student enrolls in the extra unit(s). This charge is calculated by multiplying the number of units in excess of 5.50 times the per-course fee, which is \$3,040 for 2005/06.

If the student drops a course for which he/she was charged additional tuition, and this drop occurs within the period allowed for change of schedule (first two weeks of the semester), the charge will be removed. If the course remains a part of the student's enrollment for the semester even though the student withdraws or a petition to drop late is approved, the charge will remain on the student's bill.

In addition, fees for any courses which carry extra charges, such as chemistry, fine arts, music or physical education, will be placed on the student's account at the time of registration. The fee will be removed only if the student withdraws from the course during the semester (by properly completing an add/drop card) in the time allotted for dropping a course from the student's enrollment (two weeks).

**Technology Fee.** A technology fee of \$200 per year (\$100 per semester) will be charged to all full-time students. This fee supports the services and resources that benefit students in areas including computing, library, academic and administrative services. It enables the University to continue to provide and maintain its campus-wide network, public use computing, technology oriented learning facilities and Internet access.

**Student Activity Fee.** A separate student activity fee of \$160 per year (\$80 per semester) is charged to all full-time students who are enrolled in on-campus courses. This fee is used to fund the activities of various OWU student organizations and student initiatives under the auspices of the student government, the Wesleyan Council on Student Affairs (WCSA). Questions regarding this fee should be directed to the Student Activities Office.

**Bachelor of Arts.** Full-time students pay tuition and any appropriate special fees. (Tuition for B.A. music majors includes 1/2 unit of credit in applied music per semester.)

**Bachelor of Music.** Tuition includes the amount of applied music credit per semester required by the specific B.M. degree program and credit in all music organizations in which the student participates. Applied music courses in excess of those required by the major require additional fees.

**Bachelor of Fine Arts.** Full-time students pay tuition plus a per course studio fee of \$40 per semester for ceramics, photography, sculpture, figure drawing, computer imaging, graphic design, metals, and printmaking.

### **Special Students**

Non-matriculating students who are part-time, non-degree candidates may generally register for up to three courses per semester in the Registrar's Office. Such students will pay \$3,040 per one-unit course, rather than the full tuition, but they are not entitled to general student services.

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# Expenses and Financial Aid

## *Fees*

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A maximum of 16 units may be taken as a special student. In order to qualify for the bachelor's degree, further enrollment must be on a full-time basis, unless the student successfully petitions for exemption through the Academic Status Committee. A special student who wishes to become a full-time student must process an admission application in the Office of Admission.

Auditing Fee	A non-matriculating student is charged a \$60 fee for auditing a course. Informal auditing is not permitted.
Senior Citizens	Delaware residents who are 65 years of age or older may audit or enroll as special students in regular courses at no cost, providing space is available and the instructor permits. Participants in courses that have special fees will need to pay the special fee.
Off-Campus Fees	Students applying to study abroad pay a \$20 application fee. Students studying abroad or on a programmed apprenticeship pay a \$150 per-semester administration fee. Students working directly with an Ohio Wesleyan professor on an independent apprenticeship pay regular semester or per-course tuition, but no additional fees.
Proficiency Examination Fee	<p>A fee of \$30 per unit is charged for a proficiency examination designed to secure credit in a course without the usual participation in the work of the course. No refunds are made for failure to pass the examination.</p> <p>If the student passes the proficiency exam, an additional fee of \$60 per unit is charged for application of that credit to the student's record. Fees for proficiency exams in fractional courses will be charged on a proportional basis.</p>
Special Fees	Fees beyond tuition are charged for private lessons in applied music, certain courses involving field trips, labs, art supplies, and physical education. See the appropriate sections in "Majors" and "Courses of Instruction." There is also a \$200 fee for student teaching.
Miscellaneous Charges	<p>The following list of miscellaneous charges may be automatically billed to the student's account:</p> <ul style="list-style-type: none"><li>Special course fee</li><li>Student teaching fee</li><li>Food point purchases</li><li>Health insurance*</li><li>Property damage, improper checkout, community damage</li><li>Interim housing charges, early arrival fees</li><li>Student wellness charges</li><li>Library fines</li><li>Loft rental</li><li>Lost or damaged OWU card</li><li>Lost mail box key</li><li>Music accompanist fee</li><li>Returned checks (parent and student)</li><li>Service charge for returned checks (parent and student) (\$25)</li><li>Telephone repair</li><li>Unpaid emergency loans (plus \$5 service charge)</li><li>Unpaid parking citations (plus \$5 service charge)</li><li>Unpaid judicial fines (plus \$5 service charge)</li></ul>

\*In order to ensure that all students maintain health insurance, this charge is automatically billed to each student. To waive the coverage, a student must sign and return the 2005/06 insurance waiver card by August 29, 2005.

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# Expenses and Financial Aid

## *Fees*

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### Special Service Charges

For certain special services, the following charges are made to the student account:

Late change in registration	\$30
Special final examination, with approval to be obtained from the course instructor and the Registrar.	\$35

### Room and Board

The *minimum charges* in the University residence halls for 2005/06 total \$6,850. This figure includes a standard room (\$3,570) and the minimum meal plan (\$3,100). For residency in a single room, the single occupancy room charge is \$4,120. These charges are divided in half and billed in equal amounts per semester.

Residents of fraternity houses pay a room fee of \$3,750 and a fraternity board fee of \$3,990.

All students who live in the residence halls and small living units (including Austin Manor) at OWU must participate in the University Meal Plan. Rare exceptions will only be considered for those students with medical conditions or membership in religious organizations with strict dietary guidelines that cannot be accommodated by the University's food service vendor. In such instances a waiver from the meal plan may be sought. In the event of a medical exemption, appropriate documentation must be submitted by the student's doctor and approval must come from a team of three people: the Director of Student Health Services, the Director of Residential Life, and the Food Service Director. In an instance of religious exemption, appropriate documentation must be submitted by the student's religious authority and approval must come from a team of three people: the University Chaplain, The Director of Residential Life, and the Food Service Director. The process for seeking an exemption from the University meal plan, under one of these two exceptions, begins with a meeting with the Director of Residential Life. There are no other exemptions from meal plans available.

The University Meal Plan provides maximum flexibility to accommodate different students' eating habits. The dollar amount chosen covers fixed costs, then creates a balance on the student's meal card (Purchasing Power). Dining hall personnel use computer terminals to deduct the cost of each meal purchased from the student's meal card. Families may select one of three options for Board purposes: Plan A (Knight) for the hearty eater (\$4,220); Plan B (Bishop), which covers the average student (\$3,800); Plan C (Squire) the minimum (\$3,100).

Our Housing Office will provide all new students with a form for meal plan selection over the summer. Unused balances carry over from fall to spring, **but are forfeited at the end of spring semester and do not carry to the following year.** Students who complete fall semester but do not return for spring semester forfeit all remaining points and are not eligible for a refund of any unused balances. The University allows students on one of the three Board plans (Knight, Bishop or Squire) to transfer points to students who are also on one of these plans. Transfer of points to students who are not on a Board plan (which includes students eating at a fraternity) is prohibited. Students may purchase additional food points at any time.

### Telephone Long Distance Service

Students may sign up for long distance telephone service. Long distance calls are billed monthly and sent to the student's campus address. Unpaid bills result in a \$10 late payment charge and deactivation of the student's authorization code.

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# Expenses and Financial Aid

## *Fees*

## *Payment Methods*

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### Cable Television Service

Students may sign up for cable television services through the University. Cable services are billed monthly to the student's campus address. Unpaid bills result in deactivation of the service, with a \$10 reconnection fee for reactivation.

### OWU Card

The OWU Card is the student's ID card, which includes a debit card program. A deposit to the account must be made before the student may use the funds. **Any deposit made is not available for cash withdrawal**, but is returned when a student leaves the University, using the guidelines in the following paragraph. The OWU Card is used in a manner similar to any other debit card. The student's purchases are limited by the amount of funds in the account.

The parent or student may deposit funds for the OWU Card through the mail, telephone (with a major credit card) or at the Cashier's Office. Deposits may be made via check, money order, or cash, through the cashier's window, Monday through Friday, 8:30 a.m.-noon and 1:15-3:00 p.m. Deposits via major credit card (\$100 minimum) are made in person or via telephone at the Accounting Office from 8:30 a.m.-noon and 1:00-5:00 p.m. **There are no cash withdrawals permitted from the account** and the funds cannot be transferred or used to pay other student accounts, such as tuition, telephone or cable TV. Credits at the end of the year will automatically carry over to the next year. Remaining balances for graduating senior and non-returning students will first be applied to the student's account (tuition, telephone, and cable TV), if applicable, and any remaining balance will be refunded via check in June.

A deposit of \$500 is recommended to cover textbook and miscellaneous needs for one semester; however, any amount may be deposited onto the OWU Card. Account balance inquiries or other questions about the OWU card can be directed to the OWU Card Office at (740) 368-3451, during normal business hours. The University is exploring partnering with local restaurants and stores about accepting the OWU debit card for purchases at their locations. As discussions are preliminary, it is not known whether this option will be available during the 2005/06 academic year.

**IMPORTANT NOTICE: Graduation will not be permitted nor will transcripts or diplomas be issued for any student who has not fully met all obligations to the University. These obligations include, but are not limited to, financial obligations (among them payments on student loans) and, in the case of graduation, fulfillment of all degree requirements.**

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### Payment Methods

Various payment methods are available to Ohio Wesleyan students and their parents as noted below. Complete information about these options is available from the Student Accounts Office.

### Discount for Advance Payment

Ohio Wesleyan offers a discount for advance payment of the entire year's tuition, room, and board in a single payment by May 31, 2005. For the 2005/06 year, the amount of discount is \$670, therefore the total advance payment due on May 31, 2005, is \$34,800. The amount and due date vary from year to year.

### Monthly Payment Option

Ohio Wesleyan has made arrangements with Tuition Management Systems (TMS), to provide a monthly payment plan option. For an enrollment fee of \$70, a family can opt to pay their portion of the tuition, room and board over a 10-month payment period, with no interest. Information on the this option will be mailed in a separate package. If you need further information, call TMS at (800) 722-4867 or visit [www.afford.com](http://www.afford.com)

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## Expenses and Financial Aid

### *Payment Methods* *Refunds*

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#### Regular Billing Schedule

Fall semester bills will be mailed approximately July 21, 2005 and Spring Semester bills will be mailed approximately November 22, 2005. Average amounts and due dates are as follows:

	<u>Tuition</u>	<u>Room (Average)</u>	<u>Board (Plan B)</u>	<u>Fees</u>	<u>Total</u>
Fall Semester, due August 29	\$13,960	\$1,875	\$1,900	\$180	\$17,910
Spring Semester, due January 2	<u>13,960</u>	<u>1,875</u>	<u>1,900</u>	<u>\$180</u>	<u>17,910</u>
Total	<u>\$27,920</u>	<u>\$3,750</u>	<u>\$3,800</u>	<u>\$360</u>	<u>\$35,830</u>

Students are expected to pay, in full, tuition, room and board prior to attending classes for the upcoming semester. Accounts will be considered paid in full if, either a full year advance payment is made, the semester is paid prior to the due date, a contract with a monthly payment plan provider has been signed meeting OWU guidelines, or an estimated payment net of any financial aid award (difference to be paid within 10 days of award receipt) is made. The University assesses a service charge of one percent per month on any balance not paid by the date payment is due. **Any student with an unpaid balance during the semester will have a “hold” placed on their registration for the following semester's classes and will not be allowed to register until the balance is paid.**

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#### Withdrawals and Refunds

If a student withdraws, we will credit his or her account according to the guidelines that follow. The percentages relate to charges for the semester of withdrawal, Fall or Spring. We will refund any resulting credit balance by check within 60 days of withdrawal. For the purposes of this policy, a semester begins on the first day of classes and ends on the last day of final exams.

The refund formula measures the actual number of days enrolled during the semester. It is determined by dividing the number of days enrolled by the number of calendar days in the semester, including weekends and holidays and excluding any breaks longer than five days. For example, if there are 110 days in a semester and a student withdraws on the 20th day of the semester, their charges and financial aid will be prorated to reflect that he/she has been enrolled for 18.2% of the semester (20/110). If a student withdraws before the start of the semester and incurs no charges, his or her enrollment deposit is forfeited. In the event that the student has incurred charges, the enrollment deposit is first applied to those charges and the balance is forfeited.

If a student withdraws during the fall or spring semester, the refundable amount will be calculated by prorating the tuition, room and board charges and financial aid credits on a daily basis including weekends, but excluding any school breaks of five or more consecutive days, for the first nine weeks (60%) of the semester. There are **no refunds** given for tuition, room or board under any circumstances of withdrawal or dismissal **after the ninth week** of a semester. Lab and special course fees will be refunded 100% through the normal drop/add period (first two weeks of the semester); there will be no refunds of lab and course fees after that time. Bookstore charges, student health insurance, fines and other miscellaneous



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# Expenses and Financial Aid

## *Refunds*

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charges or personal costs are not prorated and are non-refundable. The financial aid of any withdrawing student is prorated according to the same schedule for tuition, room and board as noted above. All Ohio Wesleyan scholarships, grants, and Title IV aid will be handled according to this same policy. State aid and other scholarships will be handled separately according to the policies of each granting entity.

If a student is a recipient of Federal Title IV financial aid, refunds to those programs are required by Federal law to be returned first, in the following order: Unsubsidized Federal Stafford Loan, Subsidized Federal Stafford Loan, Federal Perkins Loan, Federal Plus Loan, Federal Pell Grant and Federal SEOG.

A student is not eligible for a refund until all Federal Title IV programs and other scholarships are reimbursed under Department of Education or other appropriate granting agency regulations. In addition, all outstanding balances with the University must be cleared before any refund would be issued to the student or parent.

### Refund Insurance

An independently sponsored insurance program called the Tuition Refund Plan is available to complement OWU's refund policy. Families will receive a separate mailing regarding this plan. The premium is less than 1% of average tuition, room and board charges. **Families are strongly urged to consider this plan if they are concerned about receiving no refund after the ninth week of classes.**

### Enrollment Deposit

Upon graduation, the enrollment deposit is applied to the student's account and refunded if there are no outstanding accounts. The enrollment deposit is non-refundable if a student does not enroll. For enrolled students (other than new students) who withdraw prior to the start of the next semester, refunds are made according to the following notification deadlines:

	<b>\$300</b>	<b>\$200</b>	<b>\$100</b>	<b>None</b>
Fall Semester	July 1	July 15	Aug. 1	After Aug. 1
Spring Semester	Nov. 15	Dec. 1	Dec. 15	After Dec. 15

Students who leave during the semester are considered to be late withdrawals for that semester and their enrollment deposit will be forfeited, unless they plan to return to Ohio Wesleyan within one academic year. The University will hold the deposits of students taking leaves of absence. If the student does not return to full-time enrollment within one academic year after taking the leave, he or she will forfeit the deposit.

### Disciplinary Withdrawal

Students leaving the University for disciplinary reasons receive refunds only to the extent prescribed by Federal refund policies.

### Student Health Insurance

Students participating in the University's Health Insurance Program are covered for one calendar year even when no longer enrolled in the University. **No prorated refunds are available under this plan.** No refunds are given if the waiver card has not been received by August 29, 2005. Families should receive a credit for the Health Insurance charge on the August student account invoice if the University has received and processed the waiver card. Otherwise, insurance coverage will remain in effect for the year.

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## Facilities

### *Libraries & Information Services* *University Housing*

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#### **Libraries & Information Services**

The Ohio Wesleyan University Libraries & Information Services (LIS) Department actively supports the teaching, study, and research activities of the University. LIS serves the community of scholars of acquiring, organizing, and preserving information, and by teaching its ethical, effective use. LIS provides the campus with computer support and training.

The Leon A. Beeghly Library houses a central collection of more than 551,000 items with a distinct rare book collection and one of the country's oldest depositories of federal government publications. Two branch libraries, the Kinnison Music Library located in Sanborn Hall and the Hobson Science Library in the Conrades ♦ Wetherell Science Center, serve the music and science departments. The Audio Visual Center, located on the lower level of Beeghly Library, has classrooms, private viewing/listening rooms, a video conference room, and a Learning Laboratory.

LIS offers network access from all residence hall rooms and from selected wireless locations on campus. Microlabs are located on both the academic and residential sides of the campus. A computer training room is available in the R.W. Corns Building.

Ohio Wesleyan University is a member of the Five Colleges of Ohio, a consortium of independent colleges, OhioLINK, a state-wide consortium of academic libraries, and prestigious national organizations of top liberal arts colleges such as the Oberlin Group and Consortium of Liberal Arts Colleges.

LIS uses new technologies to assist students in their research. LIS provides campus-wide access to an extensive array of electronic resources, including JSTOR, Lexis-Nexis Academic UNIVerse, SciFinder Scholar, Academic Search Premier, and PsycINFO. The LIS home page (<http://lis.owu.edu>) provides access to all of these holdings and the World Wide Web.

LIS staff members have a strong service orientation and are committed to teaching users to identify and locate information as well as helping with specific research problems. LIS provides excellent information resources and services to our community of scholars.

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#### **University Housing**

University students currently may live in one of the six large residence halls or nine small living units. In addition, the chapter houses of nine national fraternities provide housing for approximately 320 men.

#### **Residence Halls**

The residence halls have professionally trained, full-time, Residential Life Coordinators (RLC) and a student staff of Resident Assistants (RA). The RLCs have had graduate training as well as experience in counseling, residence hall work, and the general area of student development. All fraternity houses have adult, non-student, House Advisers.

Ohio Wesleyan University is a residential university and all of its students are expected to live in University housing. Only those students who commute from their parents' homes or who have been released due to special circumstances by the Residential Life Office may live off campus.

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## Facilities

### *University Housing Instructional and Administrative Buildings*

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**Lucy Webb Hayes Hall** (1963) provides living spaces for 200 women. A lounge/study room is located on each floor and a computer lab can be found on the ground floor. The hall is named in memory of Lucy Webb Hayes, the University's first coed and later the wife of Rutherford B. Hayes, 19th President of the United States.

**Smith Hall** (1968) houses 437 men and women in two five-story units separated by a two-story service unit. Included among the building's facilities are study rooms on each floor, meeting rooms, a game room, and a computer lab. The building is named in honor of Betty and Elden T. Smith. Dr. Smith was the University's 11th President.

**Stuyvesant Hall** (1930) is the gift of the late Frank E. Stuyvesant and accommodates 269 men and women. The building facilities include a large television lounge, study rooms on each floor, a computer lab, and a multipurpose room with a stage. The building is on the National Register of Historic Places.

**Thomson Hall** (1954) houses 123 men and women and is named for Bishop Edward Thomson, first President of Ohio Wesleyan.

**Welch Honor Hall** (1963), renovated in 1990, is a unit for 198 men and women. Students must achieve a 3.0 GPA and complete a separate application for acceptance. Welch Hall has an exercise room, meeting rooms and a computer lab. This building is named in honor of Bishop Herbert Welch.

**Bashford Hall**, named in honor of Bishop James Bashford, fourth President of Ohio Wesleyan, provides living space for 143 men and women.

### Small Living Units

Small Living Units (SLU): This program consists of nine houses with individual capacities for 10-15 students. Each house is a former private residence, which focuses on an interest in and commitment to some thematic program. Currently these are the House of Thought, the Tree House, the House of Black Culture, the International House, the Women's House, the Peace and Justice House, the Habitat for Humanity House, Creative Arts House, and the Modern Foreign Languages House.

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### Instructional and Administrative Buildings

Most instructional and administrative buildings are grouped on the eastern portion of campus, excepting Sanborn and Presser Halls, Student Observatory, and Perkins Observatory. The first three are on the western portion of campus, the primarily residential half, while Perkins lies on U.S. 23, three miles south of campus. Pritchard House, the President's home and a gift of Miss Helen Prichard, class of 1911, is adjacent to the western campus.

The central, transitional portion of campus includes the hub of academic life, Beeghly Library, and facilities important to cultural and social activity – Chappellear Drama Center, Hamilton-Williams Campus Center, and Mowry Alumni Center.

**Bigelow-Rice Hall** (1962) is named for the late Dr. William F. Bigelow, class of 1905, Life Trustee of Ohio Wesleyan, and the late Dr. Edward L. Rice, Professor Emeritus of Zoology. It underwent extensive renovation in 2003, to become part of the **Conrades♦Wetherell Science Center**.

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# Facilities

## *Instructional and Administrative Buildings*

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**The Bookstore**, in the Hamilton-Williams Campus Center, is owned and operated by the University. The Bookstore is open Mondays through Fridays and the first Saturday of each semester from 8:45 a.m. until 5:00 p.m., and on special University weekends.

**Branch Rickey Physical Education Center** (1976), including four major components, is named for the late Mr. Rickey, class of 1904, a dominant figure in American baseball for more than 50 years and one-time Ohio Wesleyan coach. Two portions were completed in 1976: the **Rickey Arena**, seating 2,300 for basketball and other indoor sports; and the **Richard Gordon Field House**, named for donor Richard Gordon '62 and including a 220-yard track, six multipurpose courts for volleyball, basketball, badminton and tennis, and practice space for other sports. Adjacent to the arena are six courts for handball, racquet-ball, and squash. Connected by tunnel to the newer facilities are **Edwards Gymnasium** (1906), which served for many years as the University's principal athletic site, and the **Pfeiffer Memorial Building** (1953), including a natatorium seating 350 spectators. Edwards Gymnasium is on the National Register of Historic Places.

**Chappelear Drama Center** (1972) is named for its principal donors, Mr. and Mrs. Monroe Chappelear of Maplewood, New Jersey. In addition to a main theatre, the Center includes faculty offices, a studio theatre, and various support offices and shops.

**Conrades♦Wetherell Science Center** (2004) is named for the principal donors, George '61 and Patsy '63 Conrades and David '76 and Elizabeth '78 Wetherell. The 150,000 square foot facility houses the botany/microbiology, chemistry, geology/geography, mathematics/computer science, physics/astronomy and zoology departments. It features new and renovated classrooms, labs, Moore Greenhouse, Swallen Herbarium, Schimmel Atrium, and Hobson Science Library. The center includes **Bigelow-Rice, Kleist and Stewart Halls**.

The **R.W. Corns Building**, the former Memorial Union Building, was renovated and renamed in 2000. The building was made possible by a multi-million dollar gift from Evan Corns '59, in memory of his father. The building houses the Woltemade Center for Economics, Business and Entrepreneurship, the Economics Department, the Sagan Resource Center, and Information Services.

The **Early Childhood Development Center** (1961), a gift of the late Charles B. Mills, class of 1919, a Trustee and former Chairman of the Board, and Mrs. Mills, is equipped for 30 children.

**Edgar Hall**, renovated in 2001, houses fine arts classroom and studios. The building is on the National Register of Historic Places as part of downtown Delaware's historic district.

**Elliott Hall** (1835) was built as the Mansion House, later became the University's original building. It now houses the departments of History, Politics and Government, and Sociology/Anthropology. The building is listed on the National Register of Historic Places and was honored in 2003 with an Ohio Bicentennial Marker as the state's oldest Collegiate Greek Revival Building.

**Hamilton-Williams Campus Center** (1991) features a chapel, bookstore, student mailboxes, a food court, offices of the Housing Director, Dean and Office of Student Services, Campus Programs director, student yearbook, Women's Resource Center, lounges and meeting rooms, and the University Chaplain.

**Haycock Hall**, renovated and expanded in 2001, houses the 3-D art disciplines. It was named for professor emeritus of fine arts Everett "Ebb" Haycock.

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# Facilities

## *Instructional and Administrative Buildings*

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**Littick Field** (1969) is the site of varsity baseball and practice diamonds and practice football fields.

**Merrick Hall** (1873) was originally named the Alumni Building and Science Hall and the third floor, initially built as a chapel, housed the Science Museum. The building is listed on the National Register of Historic Places.

The **Frances E. Mowry Memorial Alumni Center** (1986) is a gift from E.J. Benes and his wife, Mrs. Frances E. Mowry Benes, class of 1932. The Center houses the offices of Alumni Relations, Development, Public Relations, and Alumni Records, as well as the large Monnett Room.

**Perkins Observatory** (1924) is one of the nation's most important astronomical research centers.

**Phillips Hall** (1958) was the gift of the late Ellis and Kathryn Sisson (class of 1901) Phillips. It holds the offices and classrooms of the departments of Education, Journalism, Philosophy, Psychology, and Religion.

**Richard M. Ross Art Museum** (2003) is named after the late photographer and founder of Ross Laboratories through a gift by his wife, Mrs. Libby Ross. Located in Delaware's original post office, the Ross Art Museum hosts several exhibits each year and is home to the Humphreys Gallery. The building is listed on the on National Historic Register as part of the historic downtown district.

**Roy Rike Field** (1934), named after E. Roy Rike '62, accommodates varsity soccer and intramural activities. It became the Bishops home field in 1964 and a three-phase reconstruction, completed in 1999, added irrigation, lights, fully-enclosed press box, new seating, and locker room facilities.

**Sanborn Hall** (1909), home to the Department of Music, was rededicated in 1983 following extensive renovation in the final phase of the "Renaissance in Music" program. **Presser Hall** was added in 1980 and is an excellent rehearsal facility. The building is listed on the National Register of Historic Places.

**Stewart Hall** (1968) was totally renovated during 2002 and 2003 to become part of the Conrades♦Wetherell Science Center.

**Selby Field** (1929), the University's main athletic stadium, seats 9,100 spectators primarily for football, lacrosse, and track and field. An "all-weather" track was installed in 1985 as a gift from alumni and friends. Selby Field is listed on the National Register of Historic Places.

**Slocum Hall** (1898) served as the University library until 1966. The building now houses the Departments of Black World Studies and Women's and Gender Studies, in addition to the admissions and foreign student services offices, financial aid, WSLN radio, and several classrooms. The building is listed on the National Register of Historic Places.

**Student Observatory** (1897) is used for elementary astronomy laboratories. The building is listed on the National Register of Historic Places.

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## Facilities

### *Instructional and Administrative Buildings*

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**Sturges Hall** (1855) was constructed as the University's first library and now houses the departments of English and Humanities-Classics. The building is listed on the National Register of Historic Places.

**University Hall** (1893), home of **Gray Chapel**, contains numerous administrative offices, including that of the President, as well as faculty offices and classrooms. Gray Chapel is among the region's preeminent concert halls, having reopened in 1980 after extensive renovation and the installation of the \$442,000 Rexford Keller Memorial Concert Organ. The latter was constructed and installed by Klais Orgelbau of Bonn, West Germany. The building is listed on the National Register of Historic Places.

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# University Offices

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*University offices are open from 8:30 a.m. - noon and 1:00 - 5:00 p.m., Monday through Friday, throughout the academic year. Summer hours are 8:30 a.m. - noon and 1:00 - 4:30 p.m., Monday through Friday.*

## University Offices

Academic Achievement Program .....	Sturges Hall 203
Academic Advising .....	University Hall 105
Academic Affairs .....	University Hall 107
Accounting .....	University Hall 018
Admission .....	Slocum Hall 110
Alumni Relations .....	Mowry Alumni Center
Audiovisual .....	Beeghly Library
Buildings and Grounds .....	Maintenance Building
Business Affairs .....	University Hall 012
Calendar Coordinator .....	Hamilton-Williams Campus Center
Campus Programs Director .....	Hamilton-Williams Campus Center
Career Services Office .....	Hamilton-Williams Campus Center 324
Cashier .....	University Hall 011
Chaplain's Office .....	Hamilton-Williams Campus Center 208
Counseling Center .....	Hamilton-Williams Campus Center
Duplicating .....	University Hall 007
Financial Aid .....	Slocum Hall
Foreign Student Services .....	Slocum Hall 241
Greek Affairs .....	Hamilton-Williams Campus Center
Health Service .....	Stuyvesant Hall
Information Systems .....	R.W. Corns Building
Judicial Affairs .....	Hamilton-Williams Campus Center 225
Lost and Found (Information Desk) .....	Hamilton-Williams Campus Center 143
Mail Room .....	University Hall 007
News and Information .....	Mowry Alumni Center
Payroll .....	University Hall 016
President's Office .....	University Hall 101
Provost's Office .....	University Hall 108
Public Relations .....	Mowry Alumni Center
Public Safety Office .....	University 029/Smith Hall
Registrar's Office .....	University Hall 114
Residential Life .....	Hamilton-Williams Campus Center 225
Sagan Academic Resource Center .....	R.W. Corns Building
Student Accounts .....	University Hall 018
Student Activities .....	Hamilton-Williams Campus Center 143
Student Life Office .....	Hamilton-Williams Campus Center 230
University Food Service (Chartwells) .....	Hamilton-Williams Campus Center 142
University Relations .....	Mowry Alumni Center
Women's Resource Center .....	Hamilton-Williams Campus Center 207
Word Processing Center .....	University Hall 003
Writing Resource Center .....	R.W. Corns Building

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## Student Offices

Campus Programming Board .....	Hamilton-Williams Campus Center 217
IFC/Panhellenic Council .....	Hamilton-Williams Campus Center 211
Intramurals .....	Edwards Gymnasium
OWL .....	Sturges Hall 305
Pride and GLBT Resource Center .....	Hamilton-Williams Campus Center 218
Transcript .....	Slocum Hall 342
WCSA .....	Hamilton-Williams Campus Center 210
WSLN Radio .....	Slocum Hall 340
Yearbook .....	Hamilton-Williams Campus Center 204

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## The Corporation (Board of Trustees)

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### From the Alumni Association

Date of First Election/Term Expires  
2004/2007 RICHARD ALEXANDER, B.A., M.S., New York, N.Y.  
2004/2007 NICHOLAS CALIO, B.A., J.D., Washington, D.C.  
2002/2005 ELIZABETH ARDALE CARNEY, B.A., South Bend, Ind.  
2001/2007 EVAN R. CORNS, B.A., M.A., Pepper Pike, Ohio  
2004/2007 RACHEL DIEHL, B.A., J.D., Wyckoff, N.J.  
2002/2005 BELINDA B. FOUTS, B.A., Cleveland Heights, Ohio  
2004/2007 EVAN GARVER, B.A., Christiansburg, Ohio  
2003/2006 ALLEYN S. HARNED, B.A., Columbus, Ohio  
1996/2005 MICHAEL G. LONG, B.A., J.D., Columbus, Ohio  
2003/2006 EDWARD D. MILLER, B.A., M.D., Baltimore, Md.



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## The Corporation (Board of Trustees)

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	2000/2006	TODD I. SCHMIDT, B.A., M.B.A., Chicago, Ill.
	1999/2005	ANDREW F. SEARS, B.A., M.B.A., Belmont, Mass.
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	2003/2006	ELIZABETH F. TOZER, B.F.A., New York, N.Y.
From the Ohio East Area Conference	2002/2005	ORLANDO CHAFFEE, B.A., M.Div., Cleveland, Ohio
	2002/2005	ANN DAVIES MOYER, B.A., North Canton, Ohio
	2001/2006	CRAIG A. REDECKER, B.A., M.Div., Coshocton, Ohio
From the Ohio West Area Conference	2001/2004	DON E. SALIERS, B.A., B.D., Ph.D., Decatur, Ga.
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	2004/2007	CARLETON P. PALMER III, B.A., M.B.A., Findlay, Ohio
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	1998/2007	PATRICIA B. CONRADES, B.A., Asso. RN, Cambridge, Mass.
	2004/2007	ADRIAN CORBIERE, B.S., M.Ed., Reston, Va.
	1996/2005	ANDRÉS DUARTE, B.A., M.S., A.M.P., I.E.S.A., Caracas, Venezuela
	2000/2006	LLOYD FERGUSON, B.A., Winnetka, Ill.
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	2001/2007	ROBERT H. GIFFORD, B.A., M.D., New Haven, Conn.
	1997/2006	ROBERT W. GILLESPIE, B.A., M.B.A., AMP, Cleveland, Ohio.
	2004/2007	GRANT KURTZ, B.A., Avon, Conn.
	1993/2005	DEBORAH McCOLLOCH, B.A., M.C.P., Philadelphia, Penn.
	1988/2006	WILLIAM L. McFADDEN, B.A., M.Div., D.Min., Elyria, Ohio
	2002/2005	JOHN E. McKINNIE, B.A., Westlake, Ohio
	1993/2006	PHILLIP J. MEEK, B.A., M.B.A., Greenwich, Conn.
	2004/2007	GREGORY L. MOORE, B.A., Denver, Colo.
	2001/2007	CAROL YOUNG POLING, B.A., M.S., New Haven, Conn.
	1999/2005	KATHLEEN L. RHINESMITH, B.A., M.A.T., West Chatham, Mass.
1999/2005	NANCY REYNOLDS SCHNEIDER, B.A., M.A., Ph.D, M.D., Dallas, Texas	
1999/2005	MARK H. SHIPPS, B.A., Hudson, Ohio	
2003/2006	ALAN L. SIPPEL, B.A., M.A., M.Div., Columbus, Ohio	
2001/2007	JOHN R. THOMAS, B.A., M.B.A., Kenfield, Calif.	

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## University Personnel

*Office of the President*

*Office of Admission and Financial Aid*

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### **Office of the President**

The year listed represents the year of appointment to the faculty or staff.

MARK W. HUDDLESTON, Ph.D., President, 2004. B.A., State University of New York at Buffalo; M.A., Ph.D., University of Wisconsin.

### Diversity and Equity Officer

ROSALIND D. SCOTT, M.B.A., Assistant to the President for Affirmative Action and Special Projects, 1991. B.A., University of Pittsburgh; M.B.A., Saint Francis College, Pennsylvania.

### University Chaplain

JON R. POWERS, Th.M., Chaplain, 1988. B.A., Michigan State University; Th.M., Boston University.

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### **Office of Admission and Financial Aid**

MARGARET L. DRUGOVICH, E.D.M., Vice President of Admission and Financial Aid, 1998. B.A., Albertus Magnus College; A.M., Brown University; E.D.M., Case Western Reserve University.

### Admission

CAROL J. DelPROPOST, B.S., Director of Admission, 2002. B.S., Ohio University.  
GRACE POLING, M.A., Associate Dean/Director of International Recruitment, 2002. B.A., National Sun Yet-San University; M.A., George Fox University.  
KEVIN HOLLOWAY, B.S., Associate Director of Admission/Coordinator of Transfer Admission, 1997. B.S., Indiana University.  
LAURIE WESP PATTON, B.A., Associate Director of Admission/Honors Coordinator, 1997. B.A., Ohio Wesleyan University.  
NICOLE LaMAR, M.A., Senior Research Analyst, 1999. B.A., M.A., University of Toledo.  
ELIZABETH M. SHIPPS, B.A., Assistant Director of Admission, 2001. B.A., Ohio Wesleyan University.  
EMILY H. CADY, B.A., Assistant Director of Admissions, 2002. B.A., Ohio Wesleyan University.  
JOHN D. VANDERSALL, B.A., Assistant Director of Admission, 2003. B.A., Ohio Wesleyan University.  
HILARY A. LOWBRIDGE, B.A., Assistant Director of Admission/Visit Coordinator, 2004. B.A., Kenyon College.

### Financial Aid

GREGORY W. MATTHEWS, M.S., Director of Financial Aid, 1999. B.S., Kansas State University; M.S., Keller Graduate School of Management.  
MARK A. BANDRÉ, M.S., Associate Director of Financial Aid, 2000. B.S., Baker University; M.S., Friends University.  
NANCY SANFORD, M.A., Associate Director of Financial Aid, 1987. B.A., Ohio Northern University; M.A., University of Dayton.

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# University Personnel

## *Office of the Provost*

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<b>Office of the Provost</b>	DAVID ROBBINS, Ph.D., Interim Provost, 2005; Homer C. Lucas University Professor of Psychology, 1973. B.A., Lycoming College; M.A., Ph.D., University of Delaware.
<b>Academic Affairs</b>	R. BLAKE MICHAEL, Ph.D., Associate Dean of Academic Affairs, 1992; Coordinator of Academic Advising, 1992; Director of Off-Campus Study, 1989; Professor of Religion, 1978. A.B., North Carolina University; M.Div., A.M., Ph.D., Harvard University. LOUISE S. MUSSER, Ph.D., Associate Dean of Academic Affairs, 1992; Professor of Education, 1978. B.S., Baldwin-Wallace College; M.Ed., Ph.D., University of Virginia. DALE E. SWARTZENTRUBER, Ph.D., Interim Associate Dean of Academic Affairs, 2005; Professor of Psychology, 1992. B.S., The Ohio State University; M.A., Ph.D., University of Vermont.
<i>Sagan Academic Resource Center</i>	DONNA L. DAWSON, M.A.T., Director of the Academic Resource Center and the Quantitative Skills Center, 2000. B.S., Ashland University; M.A.T., Miami University. KARA E. KAPUSTAR, M.Ed., Learning Disabilities Aide, 2004. B.S., M.Ed., The Ohio State University. RICHARD L. LEAVY, Ph.D., Director of the Academic Skills Center, 1996; Professor of Psychology, 1980. B.S., University of Pittsburgh; M.S., Ph.D., University of Massachusetts. ÜLLE LEWES, Ph.D., Director of the Writing Resource Center, 1978; Professor of English, 1978. B.A., Cornell University; M.A., Ph.D., Harvard University. BARBARA J. PINKELE, B.A., Assistant Director of the Writing Resource Center, 1989. B.A., University of Wisconsin.
<b>Student Life</b>	JOHN M. DELANEY, Ed.D., Dean of Students, 2000. B.A., Rice University; M.Ed., Ed.D., Vanderbilt University.
<i>Minority Student Affairs</i>	DARRYL PEAL, M.S.S., Director of Minority Student Affairs, 2004. B.A., Ohio Wesleyan University; M.S.S., Ohio University.
<i>New Student Orientation</i>	NANCY BIHL RUTKOWSKI, M.Ed., Coordinator, New Student Orientation, 1987. B.A., M.Ed., University of Toledo.
<i>Residential Life</i>	JENNIFER M. NEWELL, M.S., Assistant Dean of Student Life and Director of Residential Life, 2000. B.A., State University of New York at Cortland; M.S., State University of New York at Buffalo. WENDY PIPER, M.Ed., Assistant Director of Residential Life, 1999. B.S., M.Ed., Kent State University. JULIE BLASZAK, B.A., Residential Life Coordinator, Stuyvesant Hall, 2002. B.A., University of Michigan. JULIA G. BROOKER, B.A., Residential Life Coordinator, Hayes Hall, 2005. B.A., Ohio Wesleyan University. AMY E. COLLINS-WARFIELD, B.A., Residential Life Coordinator, Welch, Bashford, Thomson Halls, 2005. B.A., Ohio Wesleyan University
<i>Greek Life</i>	<i>vacant</i>
<i>International Student Services</i>	DARRELL ALBON, M.A., Director of International Student Services, 2004. B.A., Carlton University, Canada; M.A., University of Dayton.
<i>Judicial Affairs</i>	MICHAEL V. ESLER, Ph.D., Coordinator of Judicial Affairs, 1997. B.S., M.A., Arizona State University; Ph.D., The Ohio State University.

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# University Personnel

## *Office of the Provost*

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<i>Student Activities</i>	DEBRA K. LAMP, M.A., Director of Student Activities and the Hamilton-Williams Campus Center, 1999. B.A., Otterbein College; M.A., Bowling Green State University.
<i>Public Safety</i>	<i>vacant</i>
<i>Counseling Services</i>	COLLEEN M. COOK, Ph.D., Assistant Dean of Student Life and Coordinator of Counseling, Career and Health Services, 1998. B.A., The Ohio State University; M.A., Ph.D., University of Akron. ERIC S. JOHNSON, Psy.D., Assistant Director of Counseling Services, 1998. B.A., Ohio University; M.A., Psy.D., Illinois School of Professional Psychology.
<i>Career Services</i>	THOMAS P. VECCHIONE, Ph.D., Director of Career Services, 2004. B.A., Bowling Green State University; M.A., University of Northern Colorado; Ph.D., Ohio University. NANCY A. WESTFIELD, M.A., Assistant Director of Career Services, 2002. B.S., M.A., M.A., Ball State University.
<i>Student Health</i>	PATRICIA A. HUBBELL, M.D., Physician, 1979. B.A., M.D., University of Missouri. DOUGLAS J. DiORIO, M.D., Physician, 1990. B.S., University of Notre Dame; M.D., The Ohio State University. MARSHA TILDEN, C.N.P., Director of Student Health Services, 1999. B.S., Ohio Wesleyan University; M.S., The Ohio State University.
<i>Registrar</i>	SALLY A. SIKORSKI, M.S., Registrar, 2000. B.S., John Carroll University; M.S., The Ohio State University.
<i>Libraries and Information Services</i>	THERESA S. BYRD, Ed.D., Chief Information Officer, 2004; Director of Libraries, 1998. B.A., Shaw University; M.L.S., North Carolina Central University; M.Ed., Virginia Commonwealth University; Ed.D., University of Virginia. PAUL BURNAM, M.L.S., Public Services Librarian, 1990. B.A., Kalamazoo College; M.A., The Ohio State University; M.L.S., Kent State University. DANIELLE CLARKE, M.L.S., Public Services Librarian, 1996. B.A., Michigan State University; M.A., Fairfield University; M.L.S., Long Island University. THOMAS A. GREEN, M.A., Associate Director of Libraries and Head of Public Services, 1989. B.A., Willamette University; M.Div., Garrett Theological Seminary; M.A., University of Wisconsin-Madison. JOY HE, M.L.S., Public Services Librarian, 1996. B.A., Nanjing University, China; M.L.S., Kent State University. DAVID J. HENDERSON, B.S., Director of User Support, 1987; A.D., Community College of the U.S. Air Force; B.S., Hawaii Pacific University. CAROL HOLLIGER, M.L.S., Acting Curator of the Archives of Ohio United Methodism, 2002. B.A., Whitman College; M.A.R., Yale University; M.L.S., Kent State University. LISA HOOPS, M.S.L.S., Serials Librarian, 2005. B.A., University of Dayton; M.S.L.S., University of Kentucky XUDONG JIN, M.L.S., Associate Director of Libraries, Head of Technical Services and Collection Development Coordinator, 2000. B.A., M.A., Yunnan University, China; M.A., Ohio University; M.L.S., St. John's University. JASON LaMAR, B.S., Interim Director of Information Services, 2004; Director of Web Services, 1999. B.S., Ball State University. JOHN H. TOPPING, M.A.B., Director of Administrative Computing Systems, 1978. B.S., University of North Carolina-Chapel Hill; M.A.B., Governors State. HAROLD D. WIEBE, Ph.D., Director of the Computer Center; Professor of Mathematics and Computer Science, 1970. B.A., Ph.D., University of Oklahoma.

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# University Personnel

## *Office of the Provost Office of University Relations*

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Upward Bound	DEBORAH LIPSCOMB, B.S., Director, Upward Bound, 1988. B.S., North Carolina Agricultural and Technical State University. DORLISA W. COE, M.A., Assistant Director of Upward Bound, 2004. M.A., The Ohio State University. MICHAEL BECKETT, B.A., Academic and Student Service Coordinator, 2005. B.A., Avila University.
Athletics	ROGER INGLES, M.A., Athletics Director, 2004. B.S., M.A., The Ohio State University. MARGARET GEHRING, Ph.D., Interim Associate Athletics Director, 2004; Associate Professor of Physical Education, 1993. B.S., State University of New York at Buffalo; M.S., Smith College; Ph.D., The Ohio State University. CYNTHIA HOLLIDAY, M.Ed., Interim Senior Women's Administrator, 2004; Volleyball Coach, 1994. B.A., Illinois Benedictine College; M.Ed., Chicago State University.

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### **Office of University Relations**

#### Development/ Annual Fund

MARK RICHTER, J.D., Vice President for University Relations, 2005. B.A., Ohio University; M.B.A., Capital University; J.D., Ohio Northern University.

DONNA J. BURTCH, M.A., Director of Annual Giving, 2003. B.A., Ohio Wesleyan University; M.A., Methodist Theological School in Ohio.

KAREN CROSMAN, B.A., Director of Foundation, Corporate and Governmental Relations, 1992. B.A., Ohio University.

CANDACE OTT, B.S., Associate Director of Annual Giving, 2003. B.S., The Ohio State University.

MARILYN SINGLETARY, B.S., B.A., Donor Research Associate, 2004. B.S., Youngstown State University, B.A., DeVry University.

JASON THOMPSON, B.A., B.S., Assistant Director of Annual Giving, 2004. B.A., Otterbein College; B.S., DeVry University

#### Alumni Relations

LAURA HOOPER WAYLAND, M.B.A., Director of Alumni Relations, 2002. B.S., Illinois State University; M.B.A., University of Dayton.

BRENDA DeWITT, B.A., Assistant Director of Alumni Relations, 2003. B.A., Wittenberg University.

ANN STEVENSON TERRY, B.A., Assistant Director of Alumni Relations, 2004. B.A., Ohio Wesleyan University.

KATHERINE VanDERZEE, B.A., Assistant Director of Alumni Relations – Alumni Admissions, 1999. B.A., Ohio Wesleyan University.

#### Public Relations

PAMELA BESEL, B.A., Director of Public Relations, 1981. B.A., The Ohio State University.

MARK BECKENBACH, B.A., Associate Director of Public Relations, Director of Sports Information, 1984. B.A., Ohio Wesleyan University.

TOBY BOYCE, M.B.A., Associate Director of Public Relations, 2002. B.A., Mount Union College; M.B.A., Heidelberg College.

ERICKA KURTZ, M.B.A., Assistant Director of Public Relations, 2003. B.A., B.S., M.B.A., Heidelberg College.

#### Web Services

*vacant.*

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**University Personnel**  
*Office of Business Affairs*  
*Perkins Observatory*  
*Adjunct Faculty*  
*GLCA New York Arts Program*

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**Office of Business Affairs**

GEORGE J. ELSBECK, M.B.A., Vice President for Business Affairs and Treasurer, 1995. B.A., Hobart College; M.B.A., University of Rochester.  
SUSAN K. COOPERIDER, Director of Administrative Services and Summer Conferences, 1989.  
CHRISTOPHER J. SETZER, M.S., Director of Physical Plant, 1999. B.S.E.E., Purdue University; M.S., Massachusetts Institute of Technology.  
EILEEN M. WALKER, B.B.A., C.P.A., Controller, 1994. B.B.A., Cleveland State University; C.P.A., State of Ohio.  
MARGARET K. SNOW, M.A., S.P.H.R., Director of Human Resources, 2004. B.A., The Ohio State University, M.A., University of Dayton.  
GAIL E. SCHARF, C.P.A., Assistant Controller, 2002. C.P.A., State of Ohio.  
DALE L. BELL, Accounting Manager, 1991.

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**Perkins Observatory**

THOMAS L. BURNS, M.A., Director of Perkins Observatory, 1991. B.A., College of Wooster; M.A., The Ohio State University.

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**Adjunct Faculty**

HENRY F. DECKER, Ph.D., Adjunct Professor of Botany-Microbiology, 1989. B.A., M.S., Rutgers University; M.S., Ph.D., Yale University.  
STEVEN ESHITA, Ph.D., Adjunct Professor of Botany-Microbiology, 1994. B.S., University of California; Ph.D., University of California at Los Angeles.  
JANN ICHIDA, M.S., Adjunct Instructor in Botany-Microbiology, 1984. B.S., Wisconsin; M.S., The Ohio State University.  
NANCY A. MURRAY, Ph.D., Adjunct Professor of Botany-Microbiology, 1993. B.A., Boston University; Ph.D., University of Michigan.  
BRUCE R. ROBERTS, Ph.D., Adjunct Professor of Botany-Microbiology, 1974. B.A., Gettysburg College; M.A., Ph.D., Duke University.  
JAMES M. SLAVICEK, Ph.D., Adjunct Professor of Botany-Microbiology, 1991. B.A., Kalamazoo College, Ph.D., University of Connecticut.

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**GLCA New York Arts Program**

EMILIE CLARK, M.F.A., Program Associate, Assistant Professor of Fine Arts, 2004. B.F.A., Cornell University; M.F.A., Bard College.  
GEORGE G. GRIFFIN, M.F.A., Program Associate, Assistant Professor of Fine Arts, 1991. B.F.A., M.F.A., School of the Art Institute of Chicago.  
ALVIN SHER, M.F.A., Director, Professor of Fine Arts, 1981. B.F.A., Philadelphia College of Art; M.F.A., Indiana University.  
DANA TARANTINO, Ph.D., Program Associate, Assistant Professor of Theatre, 1988. B.A., Queens College; M.A., Adelphi University; Ph.D., New York University.  
PETER ZUMMO, M.A., Program Associate, Associate Professor of Music, 1981. B.A., M.A., Wesleyan University.

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# University Personnel

## *Faculty and Staff Emeriti*

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### Faculty and Staff Emeriti

The year listed represents the year of retirement.

LESTER E. ANGENE, Ph.D., Professor Emeritus of Education, 1978.  
HARRY P. BAHRICK, Ph.D., Professor Emeritus of Psychology, 1999.  
JOSE C. BALLON, Ph.D., Professor Emeritus of Modern Foreign Languages, 2003.  
RICHARD F. BAUERLE, Ph.D., Professor Emeritus of English and Humanities, 1986.  
RUTH BAUERLE, M.A., Professor Emeritus of English and Humanities-Classics, 1987.  
PEG PITTMAN BOECKLIN, A.B., Director Emeritus, Office of Career Planning and Placement, 1976.  
ROY GARNER BOSSERT, Ph.D., Professor Emeritus of Chemistry, 1972.  
PHILLIPS B. BURNSIDE, Ph.D., Professor Emeritus of Physics, 1995.  
LAURIE J. CHURCHILL, Ph.D., Associate Professor Emeritus of Humanities-Classics, Coordinator Emeritus of Women's Studies Program, 2003.  
ROBERT R. CROSBY, Ph.D., Professor Emeritus of Speech and Theatre, 1983.  
GARY E. DECOKER, Ph.D., Professor Emeritus of Education, 2003.  
L. THOMAS DILLMAN, Ph.D., Professor Emeritus of Physics and Astronomy, 1998.  
MARY ALICE DILLMAN, Ph.D., Assistant Professor Emeritus of English & Writing Resource Center, 2000.  
ALICE DOW, M.A., Instructor Emeritus of English, 1979.  
VERNE E. EDWARDS, JR., M.S., Professor Emeritus of Journalism, 1986.  
LEWIS E. FIKES, Ph.D., Professor Emeritus of Chemistry, 2004.  
ROBERT J. FLANAGAN, M.A., Professor Emeritus of English, 2001.  
MARGARET J. FORSYTHE, Ed.D., Coordinator Emeritus of Academic Advising, 1985.  
JACK D. FOUTS, M.A., Associate Professor Emeritus of Physical Education, 1984.  
JAMES M. FREED, Ph.D., Professor Emeritus of Zoology, 2001.  
BETTY SMYTHE FRESHWATER, Ph.D., Professor Emeritus of Family Studies, 1983.  
ANNE E. FRY, Ph.D., Professor Emeritus of Zoology, 2005.  
MARVIN J. FRYE, M.Ed., Professor Emeritus of Physical Education, 1997.  
NORMAN J. GHARRITY, Ph.D., Professor Emeritus of Economics, 2005.  
RICHARD D. GORDIN, Ph.D., Professor Emeritus of Physical Education, 1991.  
JAN T. HALLENBECK, Ph.D., Professor Emeritus of History, 1999.  
HUGH A. HARTER, Ph.D., Professor Emeritus of Modern Foreign Languages, 1986.  
EVERETT HAYCOCK, M.A., Professor Emeritus of Fine Arts, 1985.  
ALEXANDER HEINGARTNER, Ph.D., Professor Emeritus of Psychology, 2000.  
JOANN F. HOPPER, M.M., Professor Emeritus of Music, 1999.  
DAVID HULL, Ph.D., Professor Emeritus of Mathematics, 2000.  
ALLAN A. ICHIDA, Ph.D., Professor Emeritus of Botany-Microbiology, 1994.  
CHARLES W. KELLER, Ph.D., Professor Emeritus of Music, 1993.  
ROBERT KRAGALOTT, Ph.D., Professor Emeritus of History, 1991.  
ROBERT CALVIN LAWRENCE, M.A., Professor Emeritus of Music, 1992.  
LYMAN L. LEATHERS, Ph.D., Professor Emeritus of English and Humanities-Classics, 1994.  
NORMAN H. LEONARD, Ph.D., Professor Emeritus of Economics, 1981.  
JAMES LESLIE, Ph.D., Chaplain Emeritus, 1988.  
BENJAMIN LEWIS, Ph.D., Director Emeritus of the Library, 1984.  
CORINNE LYMAN, Ph.D., Professor Emeritus of Politics and Government, 1999.  
ANNA MACIAS, Ph.D., Professor Emeritus of History, 1993.  
CHERYL L. MCGINNIS, Ph.D., Associate Professor Emeritus of Modern Foreign Languages, 2002.  
ROBERT D. McQUIGG, Ph.D., Professor Emeritus of Chemistry, 1999.  
GENE MEHAFFEY, P.E.D., Professor Emeritus of Physical Education, 1999.

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# University Personnel

## Faculty and Staff Emeriti

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RINDA M. METZ, Ph.D., Professor Emeritus of Fine Arts, 2001.  
ROBERT MEYER, M.A., Vice President Emeritus of Business Affairs, 1986.  
JANE E. MORRISON, M.A., Associate Professor Emeritus of Physical Education, 1983.  
BERNARD MURCHLAND, Ph.D., Professor Emeritus of Philosophy, 2004.  
DAVID W. NARDIN, M.D., Physician Emeritus, 1999.  
MILDRED NEWCOMB, Ph.D., Professor Emeritus of English, 1979.  
LAURA M. NEWMAN, B.A., Director Emeritus of Alumni Relations, 1993.  
ROBERT M. NIMS, M.M., Professor Emeritus of Music, 2002.  
WILLIS R. OLSON, M.M.E., Professor Emeritus of Music, 1984.  
MARY C. PARKER, M.Ed., Professor Emeritus of Physical Education, 1994.  
WENDELL K. PATTON, Ph.D., Professor Emeritus of Zoology, 2000.  
HAROLD E. PINKSTON, SR., Ph.D., Professor Emeritus of English, 1997.  
SAMUEL MAXON PRATT, Ph.D., Professor Emeritus of English, 1984.  
LLEWELLYN B. RABBY, Ph.D., Professor Emeritus of Theatre and Dance, 2004.  
JOHN HENRY REED, M.S.L.S., Special Collections Librarian Emeritus, 1984.  
LIBUSE L. REED, M.A., Professor Emeritus of English, 1984.  
MARY JEAN ROACH, M.Ed., Registrar Emeritus, 2000.  
RONALD G. ROLLINS, Ph.D., Professor Emeritus of English, 1994.  
LEONARD N. RUSSELL, Ph.D., Professor Emeritus of Physics and Astronomy, 1985.  
JON SANGER, Ph.D., Professor Emeritus of Botany-Microbiology, 2000.  
CATHERINE N. SCHLICHTING, M.L.S., Reference Librarian Emeritus (Professor), 1986.  
KATHRYN C. SCHWARTZ, Ph.D., Professor Emeritus of English, 1993.  
FRANK E. SHANNON, M.S., Associate Professor Emeritus of Physical Education, 1979.  
ELWOOD B. SHIRLING, Ph.D., Professor Emeritus of Botany/Bacteriology, 1979.  
RICHARD W. SMITH, Ph.D., Professor Emeritus of History, 1986.  
DAVID H. STALEY, Ph.D., Professor Emeritus of Mathematical Science, 1994.  
PHILIP CHARLES STANGER, M.S., Professor Emeritus of Physics and Astronomy, 1985.  
JEANNETTE ELIZABETH STANTON, Ph.D., Professor Emeritus of Psychology, 1985.  
RICHARD STRASBURG, M.M., Professor Emeritus of Music, 1983.  
WILLIAM D. STULL, Ph.D., Professor Emeritus of Zoology, 1977.  
JOHN R. TILLMAN, Ph.D., Professor Emeritus of Geology, 1997.  
JOHN W. TOMBARGE, M.S., Director Emeritus of the Physical Plant, 1994.  
WILLIAM F. WABER, Ph.D., Professor of Philosophy, 1997.  
RANDALL H. WALDRON, Ph.D., Professor Emeritus of English, 1992.  
CHARLES M. WEIS, Ph.D., Professor Emeritus of English, 1985.  
CONSTANCE C. WHITAKER, Ph.D., Professor Emeritus of Family Studies, 1983.  
HILDA M. WICK, M.L.S., Reference Librarian Emeritus (Associate Professor), 1982.  
HAROLD E. WILCOX, Ph.D., Professor Emeritus of Chemistry, 1978.  
ROBERT L. WILSON, Ph.D., Professor Emeritus of Mathematical Sciences, 1979.  
ROY P. WITTLINGER, Ph.D., Professor Emeritus of Psychology, Director Emeritus of Information Systems, 2000.  
DARRELL E. WOOD, Ph.D., Professor Emeritus of Music, 1993.



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# University Personnel

## *Department Chairpersons 2005/06*

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### **Department Chairpersons 2005/06**

Botany-Microbiology	Gerald Goldstein
Chemistry	Danny Vogt
Economics	Robert Gitter
Education	Amy McClure
English	Joseph Musser
Fine Arts	James Krehbiel
Geology-Geography	Karen Fryer
History	Michael Flamm
Humanities-Classics	Stephanie Merkel
Journalism	Trace Regan
Mathematics and Computer Science	Jeffrey Nunemacher
Modern Foreign Languages	Donald Lenfest
Music	Nancy Gamso
Philosophy	Scott Calef
Physical Education	Margaret Shade (Lv. SS)
Physics and Astronomy	Bradley Trees
Politics and Government	Craig Ramsay
Psychology	Richard Leavy (Acting AY)
Religion	Morgan Phillips
Sociology and Anthropology	James Peoples (Lv. FS)
Theatre-Dance	D. Glen Vanderbilt, Jr.
Zoology	Dennis Radabaugh (Lv. SS)

### **University Libraries**

Director of Libraries and Information Services	Theresa S. Byrd
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### **Program Coordinators**

Academic Resource Center	Donna Dawson
Ancient, Medieval & Renaissance	Julian Arribas
Black World Studies	Randolph Quaye
East Asian Studies	James Peoples (Lv. FS)
Environmental Studies	David Hickcox
International Studies	Sean Kay (Lv. FS)
Latin American Studies	Jeremy Baskes (Lv. AY)
Neuroscience	David Robbins/Sarah Leupen
Urban Studies Program	Richard Fusch
Women's and Gender Studies Program	Suparna Bhaskaran
Writing Resource Center	Ülle Lewes
Pre-Engineering	Barbara Andreck
Pre-Law	Michael Esler
Pre-Health Professions	Nancy Murray
Pre-Optometry	David Robbins
Pre-Physical Therapy	Kim Dolgin
Pre-Public Administration	Craig Ramsay
Pre-Theology	Morgan Phillips
Pre-Veterinary Medicine	Ramon Careno

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# University Personnel

## *Faculty of Instruction*

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### Faculty of Instruction

The following is the instructional faculty for 2005/06. The year listed represents the year of appointment to the faculty. Leaves of absence are indicated by L-1 (on leave Fall Semester), L-2 (on leave Spring Semester) or L-AY (on leave all year).

- BARBARA S. ANDERECK, Ph.D., Jacob S. Zook Professor of Physics and Astronomy, 1985. B.S., Southwest Missouri State University; Ph.D., Rutgers State University.
- LAUREL J. ANDERSON, Ph.D., Assistant Professor of Botany-Microbiology, 2001. B.A., Colby College; Ph.D., University of Colorado.
- CHUKWUEMEKA ANIAGOLU, M.A., Part-time Assistant Professor in Black World Studies Program, 1990. B.A., Xavier University, M.A., The Ohio State University.
- JULIAN ARRIBAS, Ph.D., Assistant Professor of Modern Foreign Languages, 2000. B.S., M.A., Universidad Pontificia, Salamanca; M.A., Ph.D., University of Michigan.
- JEREMY ALAN BASKES, Ph.D., Professor of History, 1993. A.B., Grinnell College; M.A., University of Wisconsin; Ph.D., University of Chicago. (L-AY)
- SUSANNA S. BELLOCQ, Ph.D., Professor of Modern Foreign Languages, 1971. B.A., M.A., Michigan State University; Ph.D., University of Illinois at Urbana-Champaign.
- CAMERON BENNETT, D.M.A., Professor of Music, 1992. B.M., University of Western Ontario, Canada; M.M., D.M.A., Manhattan School of Music. (L-AY)
- SUPARNA BHASKARAN, Ph.D., Assistant Professor of Women's and Gender Studies, 2004. B.A., Hood College; M.A., Ph.D., Michigan State University.
- JAMES W. BIEHL, Ph.D., William Francis Whitlock Professor of English and Humanities, 1970. B.A., University of Dayton; M.A., Xavier University; Ph.D., University of Southern Illinois.
- JOHN D. BOOS, M.B.A., R.W. Corns Professor of Management and Accounting in the Department of Economics, 1983. B.S.M.E., Duke University; L.L.B., George Washington University; M.B.A., University of Connecticut.
- DALE J. BRUGH, Ph.D., Associate Professor of Chemistry, 1999. A.B., Wabash College; Ph.D., University of Utah. (L-2)
- THOMAS L. BURNS, M.A., Part-time Associate Professor of English and Physics-Astronomy, 1989. B.A., College of Wooster; M.A., The Ohio State University.
- EDWARD H. BURTT, JR., Ph.D., Cincinnati Conference Professor of Zoology, 1977. A.B., Bowdoin College; M.S., Ph.D., University of Wisconsin. (L-1)
- SCOTT W. CALEF, Ph.D., Guy Max Clarke and William L. Ripley Associate Professor of Philosophy, 1995. B.S., Ph.D., University of Oregon.
- DAVID CAPLAN, Ph.D., Associate Professor of English, 2000. B.A., Hobart College; M.F.A., University of Florida; M.A., Ph.D., University of Virginia.
- NANCY H. CARNEY-DeBORD, M.A., Professor of Physical Education, 1985. B.A., Denison University; M.A., Kent State University.
- LYNETTE CARPENTER, Ph.D., Benjamin T. Spencer Professor of English, 1989. B.A., University of Texas; M.A., Ph.D., Indiana University.
- RAMON A. CARRENO, Ph.D., Assistant Professor of Zoology, 2002. B.S., University of Toronto; M.S., Lakehead University; Ph.D., University of Guelph.
- CYNTHIA CETLIN, M.F.A., Professor of Fine Arts, 1987. B.A., Barnard College; M.A., Simmons College; M.F.A., State University of New York. (L-2)
- XIAOMING CHEN, Ph.D., Associate Professor of History, 1991. B.A., Beijing Second Institute of Foreign Languages, M.A., Chinese Academy of Social Sciences; Ph.D., The Ohio State University.
- EMILE CLARK, M.F.A., Program Associate, Assistant Professor of Fine Arts—Courtesy Appointment, 2004. B.F.A., Cornell University; M.F.A., Bard College.

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# University Personnel

## *Faculty of Instruction*

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- THEODORE F. COHEN, Ph.D., Professor of Sociology/Anthropology, 1984. B.A., City University of New York at Brooklyn; M.A., Ph.D., Boston University.
- CLIFFORD G. COOK, M.B.A., C.P.A., C.M.A., C.F.M., Charles L. and Elizabeth Quay Merwin Professor of Accounting, Department of Economics, 1986. B.S., M.B.A., Drexel University; C.P.A., State of Ohio.
- COLLEEN M. COOK, Ph.D., Coordinating Director of Counseling, Assistant Professor of Psychology—Courtesy Appointment, 1998. B.A., The Ohio State University; M.A., Ph.D., University of Akron.
- KAAREN COURTNEY, Ph.D., Robert Hayward Professor of Modern Foreign Languages, 1967. B.S., Emporia State University; M.A., Ph.D., The Ohio State University. (L-2)
- HENRY F. DECKER, Ph.D., Part-time Professor of Botany-Microbiology, 1989. B.A., M.S., Rutgers University; M.S., Ph.D., Yale University.
- JOHN M. DELANEY, Ed.D., Dean of Students; Assistant Professor of Education—Courtesy Appointment, 2000. B.A., Rice University; M.Ed., Ed.D., Vanderbilt University.
- PATRICIA DeMARCO, Ph.D., Associate Professor of English, 2000. B.A., LeMoyne College; M.A., State University of New York, Binghamton; Ph.D., Duke University.
- ELANE DENNY, M.F.A., Professor of Theatre, 1992. B.A., Western Maryland College; M.F.A., Indiana University. (L-2)
- VICKI DiLILLO, Ph.D., Assistant Professor of Psychology, 2004. B.A., Wake Forest University; Ph.D., University of Miami.
- KIM G. DOLGIN, Ph.D., Professor of Psychology, 1985. B.A., M.A., Ph.D., University of Pennsylvania.
- AMY L. DOWNING, Ph.D., Associate Professor of Zoology, 2001. B.A., Lawrence University; M.S., Ph.D., University of Chicago.
- JOHN C. DURST, Ph.D., Part-time Assistant Professor of Sociology/Anthropology, 1994. B.A., Kent State University; M.A., Ph.D., The Ohio State University.
- KATHRYN A. EBEL, Ph.D., Assistant Professor of Geology-Geography, 2002. B.S., Georgetown University; M.A., Ph.D., The University of Texas at Austin.
- STEVEN ESHITA, Ph.D., Part-time Professor of Botany-Microbiology, 1994. B.S., University of California; Ph.D., University of California at Los Angeles.
- MICHAEL V. ESLER, Ph.D., Professor of Politics and Government, 1995. B.S., M.A., Arizona State University; Ph.D., The Ohio State University.
- MARGARET R. FETE, Ph.D., Professor of Modern Foreign Languages, 1970. B.A., University of Colorado; M.A.T., Wesleyan University; M.A., Middlebury College; Ph.D., The Ohio State University. (L-1)
- MICHAEL W. FLAMM, Ph.D., Associate Professor of History, 1998. B.A. Harvard University; M.A., M.Phil., Ph.D., Columbia University.
- ERIN E. FLYNN, Ph.D., Assistant Professor of Philosophy, 2004. B.A., University of Colorado at Boulder; Ph.D., Stony Brook University.
- JAMES C. FRANKLIN, Ph.D., Assistant Professor of Politics and Government, 2000. B.A., Auburn University; Ph.D., Texas A&M University.
- LEE M. FRATANTUONO, Ph.D., Associate Professor of Humanities-Classics, 2005. B.A., The College of Holy Cross; M.A., Boston College; Ph.D., Fordham University.
- HARVEY R. FREEMAN, Ph.D., Professor of Psychology, 1969. B.A., Miami University; M.A., Ph.D., The Ohio State University.
- KAREN H. FRYER, Ph.D., James Banks Foundations Professor of Geology-Geography, 1986. B.A., Wellesley College; M.S., Ph.D., University of Illinois.
- RICHARD FUSCH, Ph.D., Professor of Geology-Geography, 1973. B.A., M.A., San Diego State University; Ph.D., University of Oregon.

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# University Personnel

## *Faculty of Instruction*

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- NANCY M. GAMSO, D.M.A., Professor of Music, 1991. B.S., University of Alabama; M.M., Florida State University; D.M.A., University of North Texas.
- BONNIE MILNE GARDNER, Ph.D., Professor of Theatre, 1985. B.A., Ohio Wesleyan University; M.A., University of Akron; Ph.D., Kent State University.
- A. JOHN GATZ, Ph.D., Professor of Zoology, 1975. A.B., Dickinson College; Ph.D., Duke University.
- MARGARET M. GEHRING, Ph.D., Professor of Physical Education, 1993. B.S., State University of New York at Buffalo, M.S., Smith College; Ph.D., The Ohio State University. (L-AY)
- MARK P. GINGERICH, Ph.D., James S. Britton Professor of History, 1991. B.A., University of Massachusetts; M.A., Ph.D., University of Wisconsin.
- ROBERT J. GITTER, Ph.D., Joseph A. Meek Professor of Economics, 1976. B.A., University of Michigan; M.A., Ph.D., University of Wisconsin.
- GERALD GOLDSTEIN, Ph.D., Professor of Botany/Microbiology, 1983. B.S., M.S., Ph.D., University of Wisconsin.
- GEORGE G. GRIFFIN, M.F.A., Program Associate, New York Arts Program; Assistant Professor of Fine Arts—Courtesy Appointment, 1991. B.F.A., M.F.A., School of the Art Institute of Chicago.
- LARRY GRIFFIN, D.M.A., Professor of Music, 1986. B.M.E., Virginia State University; M.M., D.M.A., University of Minnesota.
- ROBERT A. GRIFFITH, M.M., Marian Y. Rudd Professor of Music, 1969. B.M., Ohio Wesleyan University; M.M., University of Michigan; LRAM, Royal Academy of Music, London; Graduate Study, University of Illinois.
- HEATHER G. GRUNKEMEYER, Ph.D., Assistant Professor of Chemistry, 2001. B.A., Gustavus Adolphus College; Ph.D., The Ohio State University.
- LYNDA K. HALL, Ph.D., Professor of Psychology, 1989. B.A., Wittenberg University; M.A., Ph.D., University of Notre Dame.
- DANIELLE HAMILL, Ph.D., Assistant Professor of Zoology, 2001. B.A., Lawrence University; Ph.D., University of Kansas.
- ROBERT O. HARMON, Ph.D., Perkins-Howard Associate Professor of Physics and Astronomy, 1999. B.S., Case Western Reserve University; M.S., Ph.D., The University of Chicago. (L-2)
- SANDRA N. HARPER, Ph.D., Ella Fullton Dunham University Professor of Modern Foreign Languages, 1968. B.S., M.A., Ph.D., The Ohio State University.
- JOANN P. HARVEY, M.B.A., C.P.A., Homer E. White Professor of Economics, 1981. B.S., Miami University; M.B.A., The Ohio State University.
- RICHARD L. HAWES, JR., M.S., Associate Professor of Physical Education, 1992. B.S., M.S., Illinois State University.
- ROWENA HERNÁNDEZ-MÚZQUIZ, Ph.D., Assistant Professor in History, 2003. B.A., M.A., Old Dominion University; M.Phil., Ph.D., Columbia University.
- KATHERINE L. HERVERT, Ph.D., Assistant Professor of Chemistry, 2004. B.S., Creighton University; Ph.D., Colorado State University.
- DAVID H. HICKCOX, Ph.D., Professor of Geology-Geography, 1978. B.A., University of Colorado; M.A., University of Montana; Ph.D., University of Oregon.

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# University Personnel

## *Faculty of Instruction*

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- JASON A. HIESTER, M.M., Assistant Professor of Music, 2002. B.M., University of Miami; M.M., University of Cincinnati.
- MARTIN HIPSKY, Ph.D., Associate Professor of English, 1995. B.A., Yale University; M.A., Ph.D., Duke University.
- MARY T. HOWARD, Ph.D., Professor of Sociology/Anthropology, 1986. B.A., Ohio Dominican College; M.A., Ph.D., Michigan State University. (L-2)
- JANN ICHIDA, M.S., Part-time Instructor in Botany/Microbiology, 1984. B.S., University of Wisconsin; M.S., The Ohio State University.
- DAVID M. JOHNSON, Ph.D., Allen Trimble Professor of Botany/Microbiology, 1989. B.A., Hendrix College; M.S., Ph.D., University of Michigan. (L-2)
- EDWARD KAHN, Ph.D., Assistant Professor of Theatre and Dance, 2004. B.A., Lehigh University; M.F.A., Northwestern University; Ph.D., Tufts University.
- MARTY J. KALB, M.A., Frank L. & Eva L. Packard Professor of Fine Arts, 1967. B.A., Michigan State University; B.F.A., Yale University; M.A., University of California-Berkeley.
- SAMUEL J. KATZ, M.Ed., Assistant Professor of Education, 2004. B.A., Brown University; M.Ed., University of Texas at Austin; M.A., Teacher's College, Columbia University.
- SEAN KAY, Ph.D., Associate Professor of Politics and Government, 1999. B.A., M.A., Kent State University; M.A., Free University of Brussels; Ph.D., University of Massachusetts. (L-1)
- ROBERT A. KAYE, Ph.D., Assistant Professor of Physics and Astronomy, 2004. B.S., M.S., Ph.D., Florida State University.
- ROLLIN T. KEARNS, Dr. Theol., Chrisman-Jeffers and William R. Walker Professor of Religion, 1966. A.B., Harvard University; Dr. Theol., Tuebingen. (L-2)
- CONRAD A. KENT, Ph.D., Professor of Modern Foreign Languages and Humanities Classics, 1976. B.A., University of the Americas; M.A., Ph.D., Harvard University. (L-1)
- PHYLLIS R. KLODA, M.F.A., Associate Professor of Fine Arts, 2001. B.S., Nazareth College of Rochester; M.F.A., Ohio University.
- NANCY L. KNOP, Ph.D., Associate Professor of Physical Education, 1999. B.S., University of Illinois; M.S., University of California; M.A., Ph.D., The Ohio State University.
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# Index

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- Abbreviations, Key to, 56  
Abroad, Programs of Study, 50  
Academic Grievance Policy, 26  
Academic Honesty, 23  
Academic Honors, 31  
Academic Honors and Prizes, 31  
Academic Regulations, 14  
Accounting [See Economics], 82  
Accreditation, 4  
Adding Courses, 18  
Adjunct Faculty, 266  
Administration, 262  
Admission, 14  
Advance Payment, 252  
Advanced Placement, 14  
Advising, 14  
Affirmative Action Plan, 8  
Africa Program, 51  
AFROTC, 222  
Ancient, Medieval, and Renaissance Studies, 57  
Anthropology, 223  
Application Fee, 248  
Apprenticeships, 54  
Art, 112  
Arts Program in New York, 52  
Arts-Professional Majors, 46  
Astronomy, 194  
Astrophysics, 195  
Attendance, 19  
Auditing, 19, 250  
Awards and Prizes, 33
- Bachelor of Arts Degree, 42  
Bachelor of Fine Arts Degree, 46, 113  
Bachelor of Music Degree, 46, 174  
Billing Schedule, 253  
Biological Sciences, 60  
Black World Studies, 61  
Board Costs, 251  
Board of Trustees, 260  
Borders Program, 51  
Botany-Microbiology, 65  
Buildings, 256  
Business (see Economics), 82
- Calendar, inside back cover  
Central European Program, 51  
Certification to Teach, 92  
Change of Schedule, 18  
Chemistry, 72  
China Program, 51  
Classics, 140, 146  
Classification of Students, 29  
Coaching Minor, 189  
Combined Bachelor's/Professional Degrees, 47  
Combined-Degree Programs, 47, 76  
Commencement, 13, 42  
Competency Requirements, 41, 42, 44  
Computer Science, 76, 155  
Conditional Failure, 21  
Correspondence Directory, inside front cover  
Course Change Period, 18  
Course Descriptions, 56  
Course Selection, 56  
Credit by Examination, 17  
Credit/No Entry, 20  
Cross-Cultural Experience, 49
- Dance, 228  
Dean's List, 31  
Degree Requirements, 41  
Department Chairpersons, 269  
Department Descriptions, 56  
Departmental Honors, 32  
Deposit Refunds, 254  
Deposits, 248  
Directory of Offices, 259  
Dismissal, 22  
Distribution Requirements, 44  
Diversity Courses, 42  
Dormitories, 255  
Dropping Courses, 18
- Earth Science, 126  
East Asian Studies, 80  
Economics, 82  
Education, 92  
Emeriti Faculty and Staff, 267  
Employment, Student, 248  
Engineering, 76  
English, 100  
English Competency Requirement, 41  
Enrollment Deposit, 248  
Enrollment Status, 18, 41  
Environmental Studies, 111  
Examinations for Placement/Credit, 17  
Expenses, 248

---

# Index

---

- Facilities, 255  
Faculty of Instruction, 270  
Failure (Course), 21  
Fee Refunds, 253  
Fees, 247, 249  
Final Examination Policy, 28  
Financial Aid, 247  
Fine Arts, 112  
Fine Arts Education, 113  
Foreign Language Requirement, 44  
Foreign Languages, 54, 64, 146, 162, 220  
Foreign Study, 50  
French, 162, 163  
Full-Time Enrollment, 18, 41
- General Fee, 247  
Genetics, 65, 240  
Geography, 120  
Geology, 125  
German, 162, 166  
GLCA Domestic Programs, 52  
GLCA Programs Abroad, 50  
Grades and Reports, 20  
Graduation Requirements, 41  
Graduation with Distinction, 33  
Grants, 248  
Great Lakes Colleges Association (GLCA), 4  
Greek, 146
- Health Insurance, 254  
History, 131  
History (University), 4  
Honorary Societies, 40  
Honors Grade, 21  
Honors Program, 31  
Honors Students, 31  
Housing, 255  
Humanities-Classics, 140
- Incompletes, 21  
India/Nepal Program, 51  
Intellectual Freedom, 6  
Interdepartmental Majors, 48  
International Baccalaureate, 16  
International Business, 147  
International Studies, 148  
Internships, 54  
Introduction, 4  
Italian, 167
- Japan Program, 51  
Japanese, 168  
Journalism, 150
- Language Requirement, 44  
Languages, 162  
Late Payment Fee, 251  
Late Registration Fee, 251  
Latin, 146  
Latin American Studies, 154  
Leave of Absence, 28  
Library, 255  
Loans, 248
- Major and Course Descriptions, 56  
Majors, 43  
Management, 82  
Mathematics and Computer Science, 155  
Medieval Studies, 57, 58, 161  
Merit Awards, 248  
Methodist Heritage, 4  
Minors, 43  
Mission Statement, 5  
Modern Foreign Languages, 162  
Music, 174
- Neuroscience, 183  
New York Arts Program, 52, 266  
Newberry Library Program, 53  
No Grade Submitted, 20  
Non-Discrimination Policy, 8
- Oak Ridge Science Semester, 53  
Off-Campus Fees, 250  
Off-Campus Study, 49  
Offices (Directory), 259  
Ohio Wesleyan Story, 4  
Overloads (Academic), 18
- Part-Time Enrollment, 18  
Payment Methods, 252  
Perkins Observatory, 258, 266  
Permanent Deposit, 248  
Petitions, 30  
Philadelphia Urban Semester, 53  
Philosophy, 184  
Physical Education, 188  
Physical Therapy, 78

---

# Index

---

- Physics and Astronomy, 194  
Placement Examinations, 17  
Policies, Academic, 14  
Politics and Government, 201  
Pre-Dentistry, 208  
Pre-Engineering, 76  
Pre-Law, 208  
Pre-Medical Technology, 77  
Pre-Medicine, 208  
Pre-Optometry, 77  
Pre-Physical Therapy, 78  
Pre-Professional Programs, 47  
Pre-Public Administration, 209  
Presidential Scholars, 248  
Pre-Theology, 217  
Pre-Veterinary Medicine, 209  
Prizes and Awards, 33  
Probation, Academic, 22  
Professional Degrees, 46  
Proficiency Examinations, 17, 250  
Proficiency in Writing, 41  
Psychology, 210
- Refunds, 253  
Registration in Courses, 18  
Regulations, Academic, 14  
Reinstatements, 29  
Religion, 217  
Renaissance Studies, 57, 59  
Repeated Course, 21  
Reports and Grades, 20  
Requirements for Degrees, 41  
Requirements, Responsibility for Meeting, 28  
Residence Halls, 255  
Residence Requirement, 22  
Rights and Freedoms of Students, 6, 7  
Room and Board, 251  
ROTC, Air Force, 222  
Russian, 168  
Russian Studies Program, 51
- Sagan National Colloquium, 49  
Salamanca Program, 50, 172  
Schedule Change, 18  
Scholarships, 248  
Secondary Education, 94  
Self-Designed Majors, 48  
Senior Citizens, 250  
Service Charges, 250  
Sexual Harassment, Policy on, 8  
Small Living Units, 256  
Sociology, 223  
Spanish, 162, 168
- Special Fees, 248  
Special Language Program, 54  
Special Students, 247  
Statement of Aims, 5  
Student Handbook, 246  
Student Life, 246  
Student Offices, 259  
Student-Initiated Courses, 30  
Study Abroad, 49  
Summer School, 55  
Swahili, 64, 173
- Teaching Certification, 92  
Theatre and Dance, 228  
Traditions, 12  
Transfer of Credits, 30  
Tuition, 247, 249  
Tuition Refunds, 253  
Two Bachelor's Degrees, 46
- Unit Courses, 42  
University Courses, 234  
University Honors, 31  
University Housing, 255  
University Library System, 255  
University Offices, 259  
University Scholars, 31  
Unsatisfactory in Composition, 42  
Urban Semester, 53  
Urban Studies, 235
- Voluntary Sexual Relationships Policy, 9
- Washington Semester, 52  
Withdrawal from a Course, 18  
Withdrawal from the University, 29, 253  
Women's and Gender Studies, 236  
Writing Major, 100  
Writing Requirement, 41, 42  
Writing Resource Center, 102
- Zoology, 239

# NOTES

# NOTES

# NOTES