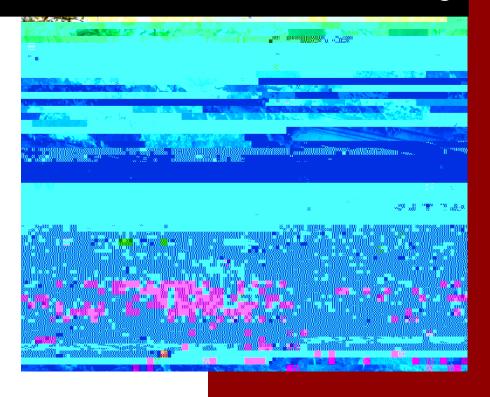
2021-22

Academic Catalog



Wittenberg University

TABLE OF CONTENTS

GENERAL INFORMATION	6
Profile, History and Academic Mission of Wittenberg	6
THE OBJECTIVES OF A LIBERAL EDUCATION AT WITTENBERG	7
Campus Location & Facilities	7
Campus Security	8
ADMISSIONS	O
Admission Information	
Advanced Placement and/or Credit	
Transfer Students	
Ohio Community College Transfer Credits	
International Students.	
LIFELONG LEARNERS PROGRAM	
Application Deadlines	
DEGREES & REQUIREMENTS	12
FIELDS OF STUDY AVAILABLE AS MAJORS	
Self-Designed Majors	
Assessment of Student Achievement	
Residence Requirements	
Academic Year and Summer Session	
GRADUATE STUDIES AND NON-TRADITIONAL STUDENTS	
ADULT DEGREE COMPLETION	
The Summer Session	
CENTER FOR MUSICAL DEVELOPMENT (CMD)	
College Credit Plus Program	
THE CONNECTIONS CURRICULUM	
First Year Seminar (FYS)	
CONNECTIONS	
Learning Outcome 1 (LO1)	
Core Competencies	
Learning Outcome 3 (LO3)	
Learning Outcome 4 (LO4)	
Learning Outcome 5 (LO5)	
Learning Outcome 6 (LO6)	
Critical and Creative Thinking	
Learning Outcome 7 (LO7)	
Learning Outcome 8 (LO8)	
Learning Outcome 9 (LO9)	
Learning Outcome 10 (LO10)	
Connections Curriculum Courses	
SPECIAL ACADEMIC OPPORTUNITIES	วจ
THE UNIVERSITY HONORS PROGRAM	
Requirements for Graduation with University Honors:	
Departmental Honors	
Honors for Self-designed Majors	
Independent Study	
Internship	
@Witt/@Home	25

TUITION REFUND POLICY	44
ROOM AND BOARD REFUNDS	44
Financial Aid Refunds & Return of Title IV	

ustice, Law & Public Policy	115
ANGUAGES	

Marine Laboratory in Beaufort, North Carolina. The Southwestern Ohio Council for Higher Education, composed of 24 institutions, promotes cooperation among the member colleges and universities. The International Educational Association of Ohio Colleges and Universities promotes the international aspect of higher education through workshops and institutes. Through OhioLINK, Wittenberg students have access to more than one billion items, from the libraries of more than 80 colleges and universities; in addition, the Online Computer Library Center further connects Wittenberg to information about library holdings around the nation and the world. Wittenberg also holds membership in several study abroad consortia including the Institute for the International Education of Students, the International Student Exchange Program, the Council of International

CAMPUS FACILITIES

Wittenberg's campus is located on 70 acres of wooded and rolling hills. It consists of 26 major buildings, including nine academic buildings; a modern library; an outstanding Health, Physical Education, and Recreation Center; and seven residence halls. Myers Hall, constructed between 1846 and 1851 and located in the center of campus, is Wittenberg's oldest building and one of its most popular student residences. It is listed in the National Register of Historic Places and, in 1994, in honor of Wittenberg's sesquicentennial, was commemorated on a postcard issued by the United States Postal Service.

ACADEMIC SPACES

- Barbara Deer Kuss Science Center
- Blair Hall
- Chakeres Theatre
- Hollenbeck Hall
- Koch Hall
- Krieg Hall
- Shouvlin Center
- Synod Hall
- Thomas Library
- Zimmerman Hall

LIBRARY FACILITIES AND SERVICES

COMPUTER FACILITIES

Campus Security

Wittenberg University is committed to providing a safe living and learning environment for its students, faculty, staff, and visitors. As part of the university's overall effort to provide important information about personal safety to the campus community, a campus security report is published annually. This publication is prepared in compliance with the requirements of the Federal Crime Awareness and Campus Security Act of 1990. The report is available electronically via the Police and Security office or on the university's webpage. You may also request a paper copy of this report from the Campus Police and Security Department.

The following policy statements and information are included:

- Current campus policies regarding procedures and facilities for reporting crimes and emergencies and the university's response to such reports;
- Current law-enforcement policies, including the authority of security personnel and policies encouraging the reporting of crimes;
- A description of the type and frequency of programs to inform the campus community about security procedures;
- A description of crime prevention programs;
- Statistics on the reports of certain crimes and arrests;
- The policy for monitoring and recording off-1 0 0 1 259.25 19203N9TQq0.00000912 IBhe FedcTm0 g0 0.0TJETQq0.000002

students should submit IB transcripts to the Admissions Office. Notification of placement and/or credit is made soor after a student's arrival on campus.

TRANSFER STUDENTS

TRANSFER ADMISSION

Wittenberg welcomes in any semester a student who transfers from another college or university. The applicant must present a cumulative grade-point average no less than 2.0 on a 4.0 scale and must be in good academic and social standing. A maximum of 94 semester credits are transferable; however, at least 50 percent of the credits for all course work in the major while in residence at Wittenberg. Secondary transcripts and aptitude test scores are not normally required if a student has finished a year or more of college work. Unusual mitigating circumstances related to a student's academic or social standing can be taken into consideration by the Admission Committee. Information relating to such matters must be presented in writing.

TRANSFER CREDITS

Credit for course work taken at any institution accredited by an agency approved by the U.S. Department of Education, including distance-learning courses, may be applied toward the completion of a Wittenberg program, subject to review by the Registrar, the Director of General Education, and/or the Chair of the Department in which the credit is requested.

Transfer credit from semester system institutions is evaluated and placed onto the academic record on a 1:1 ratio, e.g., three credits are evaluated as three credits on the academic record.

Transfer credit from quarter system institutions is evaluated and converted to credits on .67:1 ratio, e.g. four quarter credits are evaluated as 2.68 credits on the academic record.

The Registrar, in consultation with the Director of General Education, determines how, or whether, transfer credits may satisfy general education requirements. The department chair or program director determines how, or whether, transfer credits may satisfy requirements in the department's or program's major and minor programs. The student may be asked to present a portfolio of work, syllabi, or other materials to assist with this determination and to establish placement in a major or minor program. Transfer students who have taken an introduction to college writing course may be exempt from the First-year Seminar requirement.

In applying transfer credits to general education requirements, three credits are sufficient to fulfill a four-credit requirement, and likewise two three-credit courses are sufficient to meet a two-course eight-credit requirement. This rule can apply to major requirements if prior approval has been granted by the department chair.

Grades of "C" or better must be earned for transfer credit to be accepted.

OHIO COMMUNITY COLLEGE TRANSFER CREDITS

Students who have completed the Ohio Transfer Module and have been awarded an A.A. or A.S degree can apply their coursework toward the graduation requirements at Wittenberg University.

- 1) The entire 60 credits of the A.A. or A.S. degree will count toward Wittenberg's graduation requirements (up to 94 credits can be transferred). Courses with a grade of C- or below will not be transferred.
- 2) Students will be considered to have met the requirements of Learning Outcomes 2-10 of the General Education program at Wittenberg. In addition, students will be required to complete one experiential learning opportunity, a civic engagement experience, and the culminating reflection in support of Learning Outcome 1 to fulfill graduation requirements.

INTERNATIONAL STUDENTS

Degrees & Requirements

DEGREES

SFLF-DESIGNED MAJORS

Students whose area of academic inquiry spans traditional disciplinary boundaries or does not fit well within those boundaries may propose a self-designed major, composed of courses selected from one or more departments, all contributing to a unified theme, focus, or area of study. The major's topic will appear on the student's transcript as the specialization.

STUDENTS DESIRING TO PLAN A SELF-DESIGNED MAJOR MUST COMPLETE THE FOLLOWING REQUIREMENTS:

- 1. Form a three-member faculty team, each of whom is a voting member of the faculty and whose area of specialization is relevant to the student's academic focus, to approve and oversee the implementation of the proposed interdepartmental major, ensuring that it meets the academic standards required of any Wittenberg major.* One of the three faculty members must be (or become) the student's academic advisor.
- 2. Once the faculty team is in place, students must prepare a formal proposal containing the following:
 - A complete list of all proposed coursework toward the completion of the major.
 - A rationale for the proposed selection of courses and the student's objectives in creating a particular self-designed major.
 - A detailed plan for formal end-point assessment activities devised in conjunction with the faculty team. Approval of the proposal by the faculty team.
 - Approval of the proposal by the Chair of the department of the Faculty Advisor.
 - Students must submit the formal proposal to the Registrar's Office by the first day of pre-registration for courses for Fall semester of the Senior year. Under exceptional circumstances, later proposals may be considered by petition, if received no later than the final add day for the semester courses in the fall of the senior year.

^{*}Any self-designed major must demonstrate breadth of study; that is, coursework must "introduce students to the

RESIDENCE REQUIREMENTS

At least 32 of the 126 credits required for graduation must be earned at Wittenberg or through Wittenberg courses offered off campus. At least 50 percent of the credits for course work in the major department or program are to be completed at Wittenberg or through Wittenberg courses offered off campus. Cognate requirements are not included in the 50 percent minimum. At least one of the last two semesters must be done in residence; any deviation from this regulation must have approval of the Registrar. Seniors applying to nonaffiliated and study-abroad programs must petition for part of the residency requirement to be waived.

Rules regarding the number of credits required at Wittenberg or in the major department do not apply to degree completion programs offered in nursing and criminal justice.

Upon the approval of the Registrar and the major department involved, a student who enters a graduate or professional school at the end of the junior year and works toward a post-baccalaureate, graduate, or professional degree may be granted the Bachelor of Arts degree upon completion of the advanced degree at the graduate or professional school provided that (1) the student completed 96 credits; (2) the student completed at least 64 credits while in residence at Wittenberg; (3) the student completed at least one of the last two semesters in residence at Wittenberg; (4) the student met the major and general education requirements stipulated in the Academic Catalog (In rare and special circumstances, certain requirements may be waived by petition.); (5) the student is in good standing and has at least a 3.000 grade-point average at Wittenberg and its equivalent in the courses taken at the graduate or professional school.

ACADEMIC YEAR AND SUMMER SESSION

The <u>academic year</u> begins in late August and concludes in early May. It is divided into two semesters, each of which is 16 weeks in length, including one week for final examinations. Progress toward the degree is measured in credenEAR12 792 reW* n

THE SUMMER SESSION

The Provost's office is responsible for building the summer schedule and promoting summer class opportunities for both traditional and non-traditional undergraduate students. Transient students in good standing at other institutions are also welcome to apply and take summer classes at Wittenberg. Registration procedures and costs for summer classes are published annually.

GRADUATE PROGRAMS

Wittenberg currently offers three graduate programs:

- Master of Science in Analytics
- Master of Arts in Athletic Coaching
- Master of Arts in Education

CENTER FOR MUSICAL DEVELOPMENT (CMD)

The Center for Musical Development offers a variety of musical engagement opportunities for the Springfield community, including private lessons and group instruction for all levels of experitcEnce



CRITICAL AND CREATIVE THINKING

Successful professionals and critical thinkers attack challenges from a variety of angles. Wittenberg liberal arts courses develop creative problem solving by honing a student's ability to think, analyze, communicate, and engage from different perspectives. These classes may duplicate courses from the core competency category.

LEARNING OUTCOME 7 (LO7)

Students will develop hypotheses or models, evaluate them using scientific reasoning, and draw conclusions about results or observations related to the physical or natural world.

REQUIREMENTS:

Students will complete a 4- or 5-credit course to meet this learning outcome.

CONNECTIONS CURRICULUM COURSES, FALL 2021, cont. :

LEARNING OUTCOME 2 (LO2): WRITING

AFDS 270 Understanding Black Lives Matter Movement

CMDM 201 Intro to Communication Theory

EDUC 103 Sociological Perspectives in Education

EDUC 104 Philosophical Perspectives in Education

ENGL 101

Once admitted to the program, the student may take honors seminars, which satisfy a general education requirement.

HONORS FOR SELF-DESIGNED MAJORS

Like Departmental Honors, Honors for Self-designed Majors are designed for students to engage in an in-depth academic project that exceeds the normal course of study in their chosen area of interest. Honors for Self-designed Majors follow the same guidelines as those for Departmental Honors. The student needs a 3.50 cumulative GPA to be considered for Honors for Self-designed Majors. In addition, the student should have demonstrated an advanced level of competence in the interdepartmental area of interest, which should include having completed half of the credits required for the Self-designed major.

After appropriate evaluation of the proposal by the three-person committee created to supervise the Self

GRADUATING WITH MORE THAN ONE DEGREE EARNED AT WITTENBERG UNIVERSITY

A student successfulIT 8] BDC q0 THA

Off-Campus Academic Opportunities

Recognizing that off

During the fall and spring programs, students earn a full semester of academic credit through their internship, two classes, and completing the Dean's requirements (a summer residency program is available that offers only the internship). The internship is four full days a week. Courses are taught in the evenings in the complex where students live. Special events and field trips (part of the Dean's requirements) are typically on Wednesdays. Housing is provided in 13 fully-furnished penthouse condominiums (owned and operated by the Consortium) in Rosslyn, Virginia, directly across the Potomac River from Georgetown, in the District of Columbia. Access to internships and other activities is convenient; the metro is only a five minute walk from the condominiums.

The Washington Semester Program is a residency program, which means that students are considered to be enrolled at Wittenberg while in Washington. This means that students received letter grades in their courses that count toward their GPA. Tuition is paid directly to Wittenberg and all financial aid applies. Room, however, is paid to LCWS and students must provide their own food.

WITTENBERG SUMMER PROGRAMS

Wittenberg regularly offers summer opportunities in both domestic and foreign locations, directed by our own faculty members. In recent years, these have included the following:

BAHAMAS FIELD PROGRAM:

A comparative study of biological communities, San Salvador Island (Bahamas).

LESOTHO:

Africana Studies and Habitat for Humanity

GERMANY:

German language and culture

LOCAL GOVERNMENT MANAGEMENT INTERN PROGRAM

FIELD BIOLOGY AND GEOLOGY

DIRECT EXCHANGES

While participating in a direct exchange, a student pays Wittenberg tuition and fees, including room and board, and also retains all scholarships. Direct exchanges require a high level of independence and superior linguistic skills. If selected by the university and linguistically qualified, the student may enroll directly in:

INTERNATIONAL STUDENT EXCHANGE PROGRAM

Through Wittenberg's membership in <u>ISEP</u>, students can enroll directly in more than 200 institutions in 20 different countries around the world. Direct enrollment requires a high level of independence and superior linguistic skills.

General Prizes and Awards

ALMA MATER

This is the highest honor bestowed upon a woman at Wittenberg. Students, faculty or staff members may nominate a junior woman. A special screening committee selects five nominations for final consideration. A campus-wide election determines which nominee is selected to represent Wittenberg. The Alma Mater must possess depth of character and show consistent leadership, service and concern for the college community.

ALMA LUX

This is the highest honor bestowed upon a male at Wittenberg. Students, faculty members, and staff may nominate a junior male. A special screening committee selects five nominations for final consideration. A campus-wide election determines which nominee is selected to represent Wittenberg. The Alma Lux must process depth of character and show consistent leadership, service, and concern for the college community. This award was instituted in 2003.

BROADWELL CHINN ENDOWED ACHIEVEMENT AWARD

This award was endowed by Dr. George D. and Gertrude Holmes Wilson '24, in memory of Mr. Broadwell Chinn, the first African-American student at Wittenberg. The fund annually provides a monetary award to the African-American junior student with the highest cumulative grade-point average.

HEIMTRAUT DIETRICH AWARD

This award, established in 1981, is in remembrance of Heimtraut Dietrich, who served Wittenberg as administrator and teacher through her commitment to excellence and a caring for others, attributes that found their source in her steadfast Christian faith. It is presented to the student who best exemplifies the dedication to serve and assist others through a commitment of faith.

M. ALICE GEIGER AWARD

This award was instituted in 1974 to commemorate the 100th anniversary of women at Wittenberg. The award recognizes a senior woman for a specific, outstanding contribution to the performing or literary arts, athletics, extracurricular leadership, new programming, special academic pursuit, or special representation. The student's contribution may have been made at any time during her college career.

GLOBAL AWARENESS AWARD

This award, established in 1992, recognizes a graduating senior whose varied activities have contributed significantly to international understanding on campus.

MARTIN LUTHER KING, JR., AWARD

This award, instituted in 1981, recognizes two outstanding African- American seniors, a man and a woman, who have been positive examples to members of the African-American community and the University during their college careers. Consideration is given to those students who have pursued a challenging course of study, exhibited upstanding

DEPARTMENTAL HONOR SOCIETIES

- Biology Beta Beta Beta
- Business Tau Pi Phi
- Communication & Digital Media Lambda Pi Eta
- East Asian Studies Epsilon Alpha Sigma
- Economics Omicron Delta Epsilon
- Education Kappa Delta Pi
- English Sigma Tau Delta
- Foreign Languages Sigma Delta Epsilon
- French Phi Sigma lota
- German Delta Phi Alpha
- History Phi Alpha Theta
- Philosophy Phi Sigma Tau
- Political Science Pi Sigma Alpha
- Psychology Psi Chi
- Sociology Alpha Kappa Delta
- Spanish Sigma Delta Pi

ADULT/NON-TRADITIONAL STUDENT HONORS

Student Life

Wittenberg is not a 9 a.m. – 3 p.m., Monday through Friday school. Classes meet an average of only 15-20 hours a week. And even with eight hours of sleep every night, that still leaves 92 hours a week (or more than 13 hours a day) for

UNION BOARD

A large number of students are involved in <u>Union Board</u>, an organization that plans various cultural, social and recreational programs for the Wittenberg community. Union Board offers opportunities for students to create meaningful experiences while interacting with people in the university community through campus programming. Union Board hosts a wide variety events from homecoming, sibs weekend, and Wittfest to weekly Witt Wednesday events (such as comedians, musicians and poets) along with alternative weekend programming for all of the Wittenberg community to enjoy.

BENHAM-PENCE STUDENT CENTER

The central meeting place for students, the <u>Benham-Pence Student Center</u>, is located on Alumni Way. The student center houses <u>Doppelgangers</u>, a game room, and <u>Founders</u>, a popular performance venue and pub. The Gus Geil Lounge, also in the lower level, features a large-screen television above the fireplace, a seating area and several computers. The campus mail room and Union Board office are also on the lower level.

The Wittenberg Bookstore and Post 95, a restaurant-style eatery that serves light meals and snacks, are located on the main floor. In addition, several meeting spaces are also available in the Benham-Pence Student Center. The 400-seat Center Dining Room (CDR), which serves as the main dining area for students, is located on the second level.

The Student Center provides the main source for communication to students living on campus and houses the

series of plays designed and directed by students. The Department of Theatre and Dance also presents fall and spring dance concerts. Besides these, there are both a student improvisation theatre group called Pocket Lint and a student dance club. For students interested in the study of theatre and/or dance, the university offers a theatre major, a technical theatre minor, and a theatre performance minor

Academic Policies and Procedures

ACADEMIC ADVISING

A faculty advisor is assigned to each entering student. The advisor is available to explain program options and planning, to discuss graduation requirements, and to assist with pre-registration. Every student is urged to consult an advisor during each semester to review the student's program, progress and plans.

Although the student may request a change of advisor at any time, generally the student retains the advisor until

REGISTRATION

A student is

Other than faculty advisors and university officials, third parties cannot receive copies. An evaluation is a planning aid only. Its accuracy is not guaranteed, and it cannot be considered a promise or a contract between the university and the student. The student is responsible for reporting printed evaluation errors to the Registrar. The responsibility for understanding and meeting degree requirements rests entirely with the student.

INTERNSHIP AND INDEPENDENT STUDIES

A student may earn credits by participating in internship opportunities or independent studies supervised by a faculty member. In order to participate in either of these opportunities, the student must have completed their first year at Wittenberg and be in good academic standing with a cumulative grade point average of 2.000 or better. The student must fill out the appropriate form with the supervising faculty member, secure all necessary signatures and submit the form by the semester deadline for adding courses. Independent Study forms are taken to the Registrar's office for final approval. Should a student wish to use an independent study to fulfill an experiential learning requirement to support LO1 of the general education program, they should work with their advisor to ensure the experience will meet the requirements for Learning Outcome 1.

The Director of Career Services approves internship agreement proposals. A student must register for an internship experience during the period the internship is completed. Credit will not be granted for an internship completed in a prior semester. A total of 18 credits through a combination of internships, independent study, and/or senior thesis is permitted. A maximum of 10 credits of internship credit is possible.

Research experiences or internships that are non-credit bearing (ie: paid opportunities, First Year Research Award Program) may satisfy the General Educati

THE CLASS DAY

A typical four-credit class meets 2.5 hours per week, normally in one of three patterns: three 50-minute (MWF), two 75-minute (TTh or MW), or one 2.5 hour period. A few classes may be held on a daily basis. Some schedule additional laboratory periods.

ATTENDANCE

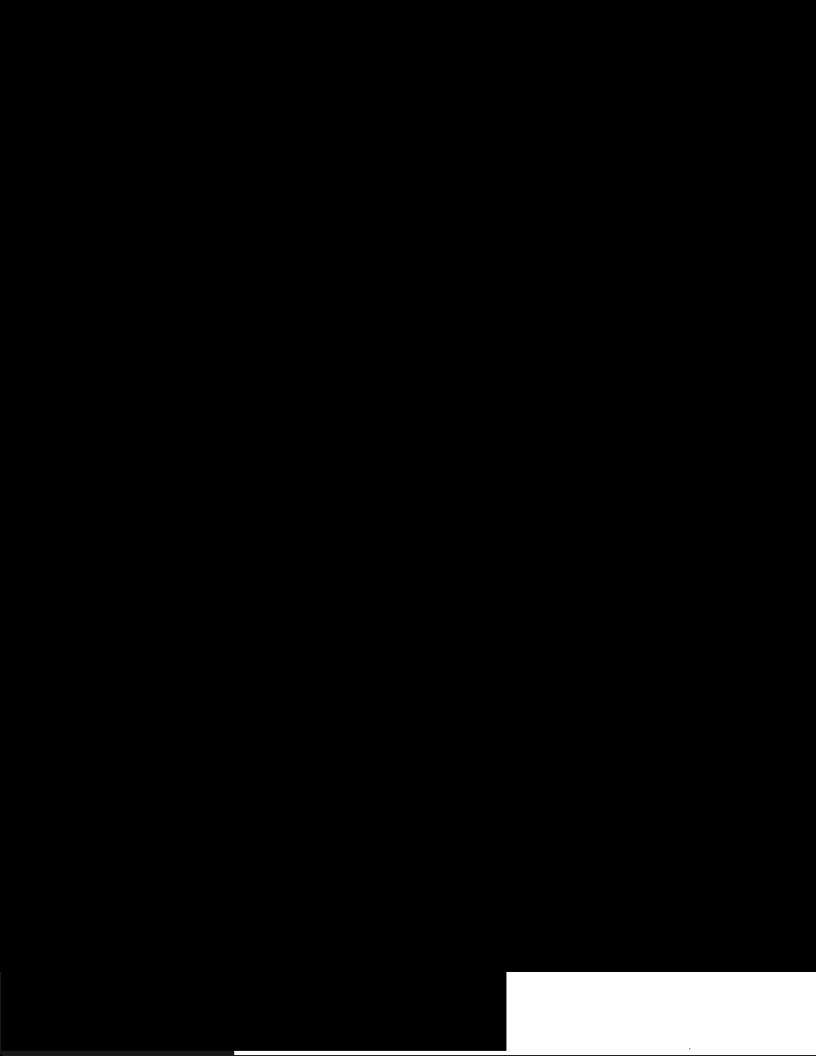
Each Wittenberg student is expected to attend class except for reasons of ill health, of travel mishaps, or of illness or death in the family. From time to time legitimate educational activities or participation in university-sponsored co-curricular activities may result in student absences. In such cases, the faculty or staff members planning these activities should weigh carefully their educational benefits.

A student's absence from class due to any of these circumstances is considered excused. Nonetheless, each student is expected to meet the academic responsibilities for each course, even though excused from class. Faculty members are expected to cooperate in helping the student to meet these responsibilities.

The Health and Counseling Center provides written verification of illness only when the university physician orders hospitalization or strict bed rest for a specific affliction.

THE FOLLOWING PROCEDURES ARE TO BE FOLLOWED FOR EXCUSED ABSENCES:

- In each case, the student should tell the appropriate faculty members the circumstances of the absence and should request assistance in meeting academic responsibilities. This should be done before the absence, if possible.
- Faculty or staff members sponsoring group activities should submit the names of the participating students to the Assistant Provost for Academic Services, who provides all faculty with a roster of the persons involved, explains the reason for the absence and identifies the date(s) on which the students are to be absent.
- A student or faculty member may ask either the Dean of Students or the Assistant Provost for Authq0.00000912 0 612 792



GENERAL ACADEMIC STANDARDS

- The successful completion of 126 credits is a requirement for graduation.
- Cumulative grade-point averages of 2.000 for all work completed at Wittenberg University and of 2.000 for all course work used to meet the requirements of declared major and minor programs are requisites for graduation.
- At least 32 credits for all course work and 50 percent of the credits for course work in the major are to be completed
 while in residence at Wittenberg University. The student must be in residence for at least one of the last two
 semesters.
- The student is to maintain an acceptable rate of progress toward meeting both the cumulative grade average and the total credits required for graduation as defined in the standards for academic progress.

STUDENT CLASSIFICATION

A student is classified according to the number of credits successfully completed: sophomore standing is achieved with the successful completion of 32 credits; junior standing, 64 credits; and senior standing, 96 credits.

ELIGIBILITY FOR THE DEAN'S LIST AND ACADEMIC HONORS

At the end of each Fall and Spring semester, a Dean's List announces the names of students who have earned a grade point average of at least 3.500 for a minimum of 12 graded credits. A traditional student who completes 12 or more graded credits over the summer session, with a GPA of at least 3.500 is also eligible for the Dean's List. Further, students so honored may not have received a grade of F, NC (No Credit) or I (Incomplete) for the semester and may not have been under disciplinary probation or suspension any time during the semester. See below for criteria applying to adult / non-traditional students.

As a result of distinguished academic performance throughout their undergraduate education, graduating students may receive their degrees with academic honors. Students are awarded academic honors as follows: when the final gradepoint average is between 3.500 and 3.699, the degree is conferred **cum laude**; between 3.700 and 3.799, **magna cum laude**, and between 3.800 and 4.00 **summa cum laude**.

STANDARDS OF ACADEMIC PROGRESS

To meet acceptable academic standards, students regularly enrolled as degree candidates must accomplish the following:

- Undergraduate students must maintain a minimum cumulative grade-point average of 2.00.
- Graduate students must maintain a minimum cumulative grade-point average of 3.00.
- Undergraduate and graduate students must earn at least 67% of their cumulative attempted credits during the full academic year. This percentage is calculated by dividing the total number of earned credits by the total number of attempted credits (those receiving a grade of A, B, C, D, F, I, NC, S, W, NR, X, and XF). Note that this rate of completion would keep students in good standing, but would not lead to degree completion in eight semesters. In order to graduate in four years, undergraduate students **should** complete 32 credits of academic courses **required** for the degree during each academic year.

ACADEMIC PROBATION

The Board of Academic Standards places a student on academic probation when:

- the student's semester grade-point average or the cumulative grade point average falls below 2.00 for undergraduates and 3.00 for graduate students and/or
- the rate of course completion falls below 67%, as described above

A student is removed from academic probation when the semester and cumulative grade-point averages and the rate of course completion reach stated minimums.

Any student on academic probation must have the academic advisor's approval prior to adding, dropping, or withdrawing from a class. Further, students on probation should meet with COMPASS: Sweet Success Center and avail themselves of all relevant support services of the university in order to enhance their academic success.

ACADEMIC SUSPENSION

Academic Dismissal

If an academically suspended student is readmitted, and subsequently becomes eligible for suspension a second time, academic dismissal may result. Academic dismissal is a permanent separation from the University.

ACADEMIC STANDARDS & POLICIES FOR ADULT/NON-TRADITIONAL STUDENTS

For adult/non-traditional students, the university uses academic standards, policies, and credit requirements for academic progress and eligibility for the Dean's List which are keyed to the pace of enrollment typical of these students. The University publishes these policies in the Faculty Manual and Graduate Academic Catalog.

WITHDRAWAL DURING SEMESTER

A student who wishes to withdraw from the university during a semester must apply for permission to withdraw in good standing. A withdrawal during semester form is available at the Registrar's Office. When the withdrawal form is completed, the student should have an exit interview with a member of the Student Development staff before leaving campus.

The date of withdrawal determines the grades to be received for the courses in which the student has been enrolled:

- 1-5 weeks: Without Grade or Credit
- 6-10 weeks: W(Withdrawn)
- 12-15 weeks: F

It is the student's responsibility to petition the Registrar if there are circumstances that would warrant a waiver of the above policy.

TUITION REFUND POLICY

Tuition charges are refunded according to the following schedule. The refund calculation will be based upon the date in which the student submits appropriate withdrawal paperwork:

One week or less: 90% refund
Two weeks or less: 80% refund
Three weeks or less: 60% refund
Four weeks or less: 40% refund
Five weeks or less: 20% refund
More than five weeks: no refund

ROOM AND BOARD REFUNDS

Students who withdraw from the University within the semester must move out of university housing within 48 hours following the exit interview. If leaving at the end of the semester, the normal closing schedule is followed. Exceptions must be approved by the Assistant Dean of Students/Director of Residence Life. Before leaving campus, students must check out of their room or rental property with the appropriate staff member (RC or RA and/or someone in the Student Development Office). Upon checking out students must turn in the appropriate paperwork along with the key.

For students withdrawing on a voluntary basis, housing and board refunds are granted on a pro-rated basis through the 5th week and are based on the date of the exit interview and proper check out. After the 5th week, no refund is granted.

FINANCIAL AID REFUNDS & RETURN OF TITLE IV (R2T4) PROCESS

All financial aid funds are returned to the funding entity when students withdraw from Wittenberg University prior to the first day of each semester.

Students who withdraw during the first five weeks of the semester have part of their financial aid returned to the appropriate funding entities:

- Wittenberg and State financial aid is returned at the same percentage rate as tuition is refunded. For example, if a student receives a 20% refund of tuition, 20% of institutional aid will be returned to the institutional funds and Ohio state aid will be returned to the Ohio Board of Regents.
- Federal financial aid

Your overall cumulative credits attempted and credits earned are used when reviewing SAP, regardless if you have a change in major or are pursuing a second degree. However, you can appeal to receive financial aid based on a change of major or pursuing a second degree.

3. Maximum Timeframe (150% Rule)

You must complete your program of study within 150% of the timeframe required to earn your degree. The maximum timeframe is 150% of the typical number of credits needed to complete degree requirements.

Undergraduate/Bachelor's Degree Programs Graduate/Master of Science in Analytics 44 credits Graduate/Master of Arts Coaching Graduate/Master of Arts Education 54 credits	Student Level and/or Degree Program	Maximum Number of Total Attempted Credits
Graduate/Master of Arts Coaching 48 credits	Undergraduate/Bachelor's Degree Programs	189 credits
	Graduate/Master of Science in Analytics	44 credits
Graduate/Master of Arts Education 54 credits	Graduate/Master of Arts Coaching	48 credits
	Graduate/Master of Arts Education	54 credits

PLEASE NOTE:

Attempted credits are those credits for which you have received a grade of A, B, C, D, F, I-3.62 525.79 T4(I-3.62 525.79 T4

Wittenberg University Code of Academic Integrity

APPROVED APRIL 24, 2015

Approved by the faculty April 7, 2015 Approved by the student body April 24, 2105

PREFACE

Wittenberg

Honor Council

The Honor Council is composed of five (5) faculty, two (2) administrators, and ten (10) students. Every year the faculty will elect one or two of its members to serve three-year terms. The Provost and the Dean of Students will each appoint an administrator to serve a three-

- b. the nature of their conversations,
- c. the student's admission of responsibility for the violation,
- d. evidence and relevant supporting information,
- e. the sanction to be imposed,
- f. whether or not a hearing has been requested.

The faculty member will send copies of the report to the student and to the Office of the Assistant Provost for Academic Services as the office of record.

If the student is either unwilling or unable to meet with the faculty member within five in-session school days then the faculty member must submit the case to the Assistant Provost for Academic Services, who will refer it to the Honor Council. The case will then be reviewed by a Hearing Board.

HEARING: PRELIMINARY PROCEDURES

The initial report of an allegation of academic dishonesty will be reviewed by the Honor Council Chair and the Honor Council Faculty Advisor, who will then appoint a Hearing Board and designate a chair of the Hearing Board. The Honor Council chair will inform the student of the allegation in writing, including the faculty member's report. The Honor Council chair will request a written statement from the student in response to the allegation, and, if the student so desires, he/she can submit a list of witnesses to appear at the hearing on the student's behalf. Witnesses are limited to individuals who can present evidence that bears directly on the allegation. The student's written statement will become part of the case and be reviewed by the Hearing Board in preparation for hearing the case, but it will not take the place of the student's presence at or comments within the hearing.

The chair will select the date, time, and place for the hearing and notify both the referring faculty member and the student a minimum of seventy two (72) hours prior to the hearing. The Honor Council Faculty Advisor will meet with the student to review hearing procedures and process. In the event that a student is unwilling or unable to meet with the Honor Council Faculty Advisor, he/she will meet with the Honor Council vice-chair as long as the vice-chair is not presiding over the hearing. Lastly, if the student is unwilling or unable to meet with the vice-chair, he/she must meet with the Director of Student Conduct. Whoever meets with the student will serve as the Honor Council Process Advisor during the hearing and will also meet with the student following the hearing to discuss the ramifications of the findings

- b. Witnesses will be called who have first-hand evidence of the incident and can offer documents or other materials bearing on the case.
- c. Members of the Hearing Board may request additional material or the appearance of other persons, as needed.
- d. The referring faculty member or individual reporting the allegation and the student may make brief closing statements.
- e. The Hearing Board will meet privately to discuss the case and determine whether a violation has taken place based on a preponderance of evidence.
- f. If the student is found in violation, the Hearing Board will determine an appropriate sanction. When determining the sanction, the Hearing Board will be informed of any other violations of academic integrity on the part of the student.
- g. The Hearing Board chair will provide the referring faculty member or reporting individual, the student, and the Assistant Provost for Academic Services with a written report of the facts found, identifying the parts of the policy that have been violated and describing the sanction, if any, to be imposed.

The Hearing Board chair will ensure that the following rules and points of order are observed:

- a. The student may be accompanied by a person of his or her choosing for emotional support only, provided that the support person is not a parent, an attorney, a member of the Wittenberg faculty or staff, a party to the case, or a person having any matter pending before the Honor Council.
- b. Hearings will be recorded for the purposes of the Hearing Board's deliberations and/or any Student Appellate Board action.
- c. Presence at a hearing lies within the judgment of the Hearing Board chair. A hearing requires a deliberative and candid atmosphere, free from distraction. Accordingly, it is not open to the public or other interested persons. The Hearing Board chair may remove from the hearing any person, including the student, who disrupts or impedes the investigation, or who fails to adhere to the rulings of the chair. The Hearing Board chair will direct that those persons called upon to provide information be excluded from the hearing except for that purpose. The members of the Hearing Board may conduct private deliberations at such times and places as they deem proper.
- d. Failure to appear before a Hearing Board will not preclude the Hearing Board from hearing evidence and determining outcomes.
- e. It is the responsibility of the person desiring the presence of a witness before a Hearing Board to ensure that the witness appears. Because experience has demonstrated that the actual appearance of an individual is of greater value than a written statement, the latter is discouraged and should not be used unless the individual cannot reasonably be expected to appear. Any written statement must be dated, signed by the person making it, and witnessed by a university employee. The work of a Hearing Board will not, as a general practice, be delayed due to the unavailability of a witness.
- f. A hearing is not a trial. The Hearing Board will consider all relevant, probative, and credible evidence. The Hearing Board chair will determine what evidence will be considered.

If the Honor Council Faculty Advisor determines that a Hearing Board cannot be convened within a reasonable period of time after an allegation is made, two students and one faculty will be appointed as an ad hoc Hearing Board.

SANCTIONS

All reports of violations of academic integrity are kept on file.

SUBSEQUENT ALLEGATIONS OF ACADEMIC DISHONESTY

In the event of a subsequent allegation of academic dishonesty, the case is automatically referred to the Honor Council and reviewed by an Honor Council Hearing Board. Ordinarily, a second substantiated allegation of academic dishonesty results in either suspension for one or two full semesters, excluding summer terms, or permanent dismissal from the university. In the event of extraordinary or extenuating circumstances, the Hearing Board has the right to assign a lesser sanction.

Unless otherwise designated by the Honor Council, suspension for academic dishonesty will take place immediately. In the case of an appeal, the suspension is held in abeyance until the appeal process is completed.

APPEALS

Departments & Programs of Instruction

This section contains the degree requirements for majors and minors, elective courses, and suggestions about courses and programs in related fields. Course descriptions are listed alphabetically at the end of the catalog.

The courses of instruction, course descriptions, and major and minor programs are subject to change, and the university reserves the right to withdraw or modify them at any time without notice. Students should consult the master schedule, published by the Registrar's Office each semester, for current information on course offerings and curricula. Information on changes in department or program curricula or requirements is available at the appropriate department or program office.

ACCOUNTING

Research and local internship

AFRICAN AND DIASPORA STUDIES

ARCHAEOLOGY

Students in the interdisciplinary archaeology minor embrace history through hands-on learning, including Nearby Wittenberg, an on-campus dig.

FACULTY INFORMATION

PROGRAM OFFERINGS

· Minor: Archaeology

COURSE LISTING

Archaeology Course Descriptions begin on page 164 of the Catalog

DEGREE REOUIREMENTS

Requirements for Minor in Archaeology – 20 credits

ARCH 103 Introduction to Archaeology – 4 credits

HIST 305 Archaeological Field Methods – 2-4 credits

12 additional credits, 8 of which are from two different departments and the final 4 credits at the upper level for a select department

The following courses are approved for consideration to fulfill the optional classes in the ARCH minor:

ART

ART 110 Art History I – 4 credits

ART 101 Studio Foundations - 4 credits

ART 130 Non-Western Art Survey – 4 credits

ART 145 Intro to Computer Imaging – 4 credits

ART 240 Early Christian and Byzantine Art – 4 credits

ART 243 Western Medieval Art – 4 credits

ART 275 Greek and Roman Art – 4 credits

ART 280 Topic: Art of Pre-Columbian Mesoamerica – 4 credits

ART 292 Ceramics I - 4 credits

EAST ASIAN STUDIES

EAST 100 Introduction to East Asian Studies – 4 credits

GEOLOGY

GEOL 116 Time Earth - 4 credits

GEOL 150 Physical Geology – 5 credits

GEOL 170 Geology of the Critical Zone – 5 credits

GEOL 240 Process Geomorphology

Requirements for Bachelor of Fine Arts Degree

Sixty-eight credits are required for the Bachelor of Fine Arts degree. A student wishing to earn this degree needs to: begin the general art requirements and foundations sequence in the freshman year maintain an average of at least two art courses per semester throughout the four years maintain a 3.00 grade-point average within the Art Department candidacy for the B.F.A. must be declared by the end of the sophomore year

The following course requirements and a Senior Thesis Solo Exhibition must be completed:

- ART 110 Art History I 4 credits
- ART 120 Art History II 4 credits
- ART 340 Modern Art 4 credits
- Upper-Level Art History Elective 4 credits
- ART 101 Studio Foundations: Two-Dimensional Design –

BIOCHEMISTRY/MOLECULAR BIOLOGY

Biochemistry and molecular biology students receive the best that both the biology and chemistry departments have to offer. Biochemistry and molecular biology focus on the intersection of biology and chemistry, and include the study of dynamic cellular systems, regulation of gene expression, and the chemistry of the metabolic pathways in living things.

FACULTY INFORMATION

DEPARTMENT OFFERINGS

- B.A.: Biochemistry/Molecular BiologyB.S.: Biochemistry/Molecular Biology
- Minor: Biochemistry/Molecular Biology

COURSE LISTING

Biochemistry/Molecular Biology Course Descriptions begin on page 178 of the Catalog

DEGREE REQUIREMENTS

Requirements for Bachelor of Arts Degree in Biochemistry/Molecular Biology – 54 credits Required in Biology – 15 credits:

- BIOL 170 Concepts of Biology: Biological Information, Reproduction, and Evolution 5 credits
- BIOL 212 Cell Biology 5 credits
- BIOL 310 Molecular Biology 5 credits

Required in Chemistry – 24 credits:

- CHEM 121 Models of Chemical Systems I 5 credits
- CHEM 162 Models of Chemical Systems II 5 credits
- CHEM 201 Introduction to Organic Chemistry 5 credits
- CHEM 271 Principles of Biochemistry 4 credits
- CHEM 372 Advanced Experimental Biochemistry 5 credits

Required in Related Departments – 13 credits:

- MATH 201 Calculus I 4 credits **OR** MATH 131 Essentials of Calculus 4 credits
- PHYS 201 Physics I 5 credits
- One additional course from:
 - o DATA 227 Introductory Statistics 4 credits
 - o MATH 202 Calculus II 4 credits (MATH 201 is a pre-requisite)
 - o MATH 261 Linear Algebra (MATH 201 is a pre-requisite)
- BMB 400 Primary Literature Seminar 2 credits

- CHEM 201 Introduction to Organic Chemistry 5 credits
- CHEM 271 Principles of Biochemistry 4 credits
- CHEM 281 Analytical Chemistry 5 credits
- CHEM 302 Intermediate Organic Chemistry 5 credits
- CHEM 311 Thermodynamics and Kinetics 5 credits
- CHEM 372 Advanced Experimental Biochemistry 5 credits

Required in Related Departments – 18 credits:

- MATH 201 Calculus I 4 credits
- MATH 202 Calculus II 4 credits
- PHYS 201 Physics I 5 credits
- One additional course from:

 PHYS 202 Algebra-Based Physics II

65

BIOLOGY

From DNA and cells to organisms and ecosystems, students in the biology program gain a broad foundation in the basic biological sciences. Believing that active learning fosters the life of the mind both inside and outside of the dassroom, Wittenberg's Department of Biology stretches its transformative learning environment and goes beyond the laboratory, right out into the field.

FACULTY INFORMATION

DEPARTMENT OFFERINGS

B.A.: BiologyB.S.: Biology

Minors: <u>Biology</u>, <u>Biochemistry/Molecular Biology</u>, <u>Environmental Science</u>, <u>Health Science</u>, <u>Marine Science</u>, <u>Neuroscience</u>

COURSE LISTING

Biology Course Descriptions begin on page 170 of the Catalog

DEGREE REQUIREMENTS

Requirements for Bachelor of Arts Degree in Biology – 58 to 61 credits
The biology major consists of forty to forty-three credits of biology in Areas I-IV below, 10 credits of chemistry, and eight credits of supporting sciences (specified below).

Requirements for Bachelor of Science Degree in Biology – 68 to 71 credits

Forty to forty-three credits of biology in Areas I-IV below, 10 credits of chemistry, 4 credits of statistics, plus fourteen credits in other supporting sciences (specified below). This degree is intended for those students who need additional sciences required for entry into graduate programs leading to technical science careers or the Ph.D. in a biological field.

AREA I: Foundational Courses in Biology (14 credits).S.:

Group 2: Physiology

- BIOL 220: Neurobiology 5 credits
- BIOL 221: Pharmacology 4 credits
- BIOL 223: Human Pathophysiology 4 credits
- BIOL 226: Vertebrate Zoology 5 credits
- BIOL 227: Microbiology 5 credits
- BIOL 229: Science Behind Addiction 4 credits
- BIOL 324: Animal Physiology 5 credits
- BIOL 325: Human Anatomy and Physiology I 5 credits
- BIOL 326: Human Anatomy and Physiology II 4 credits
- BIOL 327: Human Anatomy and Physiology II Laboratory 1 credit

Group 3: Ecology/Evolutional/Organismal Biology

- BIOL 230: The Woody Plants of Ohio 4 credits
- BIOL 232: Herpetology 5 credits
- BIOL 233: Ornithology 5 credits
- BIOL 235: Morphology and Taxonomy of Vascular Plants 5 credits
- BIOL 238: Entomology 5 credits
- BIOL 239: Marine Invertebrates 5 credits
- BIOL 241: Freshwater Ecology 5 credits
- BIOL 242: Behavioral Ecology 5 credits
- BIOL 244: Conservation Biology 4 credits
- BIOL 245: Wildlife Managements 5 credits
- BIOL 247: Marine Ecology 5 credits
- BIOL 248: Comparative Communities-Bahamas 5 credits
- BIOL 346: Ecology 5 credits
- BIOL 347: Evolution 4 credits

AREA III: Biological Electives (10 credits)

At least 10 additional credits from the above courses or

- BIOL 104 BIOL 148 (up to 4 credits may count, but only if taken before a declared major)
- BIOL 250: Topics (topic varies with offering)
- BIOL 258: Extended Field Studies*
- BIOL 492: Directed Research*
- BIOL 493: Internship*
- BIOL 494: Topic Seminar* (topic varies with offering)
- BIOL 499: Honors Thesis*

AREA IV: Senior Capstone (4 credits)

• BIOL 406: Senior Capstone Seminar – 4 credits

AREA V: Chemical Foundations (10 credits)

- CHEM 121: Models of Chemical Systems I 5 credits
- CHEM 162: Models of Chemical Systems II 5 credits

^{*}Up to five credits of each may count toward the major.

AREA VI: Supporting Science (8 credits for BA, 18 credits for BS)

: A minimum of eight credits from Chemistry (CHEM 201 or higher), Mathematics (MATH 127 or higher), Geology (GEOL 150 or higher), Computer Science (COMP 150 or higher), Physics (PHYS 107 or higher), Environmental Science (ESCI 101 or higher), Marine Science (MRSC 200 or higher). It is not required that all the

BUSINESS & ECONOMICS (FINANCE, MANAGEMENT, MARKETING)

Wittenberg offers majors in a range of business disciplines, each of which combines professional expertise, practical experience and a solid liberal arts foundation. Every student has numerous opportunities for high-impact experiences.

Two courses chosen from the following:

BUSN 250 International Business – 4 credits

BUSN 315 Business Analytics – 4 credits

BUSN 343 Digital Marketing – 4 credits

BUSN 345 Cases in Marketing Management – 4 credits

HSS 222 Sports Marketing - 4 credits

One elective from any ACCT, BUSN, ECON or ART 280 (approved topics) or CMDM 206 – Reasoning & Communication

Requirements for Bachelor of Arts Degree in Entrepreneurship (ENTR) – 56 credits

Required in Business – 36 credits

BUSN 210 Business & Economic Statistics – 4 credits

BUSN 212 Business Research Methods – 4 credits

BUSN 200 Entrepreneurship – 4 credits

BUSN 300 Cases in Entrepreneurial Leadership – 4 credits

BUSN 330 Financial Management - 4 credits

BUSN 340 Marketing Management – 4 credits

BUSN 365 Managing Effective Organizations – 4 credits

BUSN 460 Strategic Planning & Policy – 4 credits

Required professional experience: BUSN 381 or approved internship – 0-4 credits

Required in Related Departments - 8 credits

ACCT 225 Financial Accounting – 4 credits

ECON 200 Principles of Economics

ARTS

ART 145 Intro to Computer Imaging

ART 242 Intro to Digital Photography

ART 271 Graphic Design

ENGL 240 Introduction to Creative Writing

MUSI 214 Electronic Music Production

THDN 240 Playwriting

THDN 230 Stagecraft

SOCIAL CHANGE

CMDM 206 Reasoning and Communication

EDUC 103 Sociological Perspectives in Education

EDUC 104 Philosophical Perspectives in Education

ENGL 335TA ST: Writing for Social Change

ESCI 100 Global Climate Change

GEOL 160 Environmental Geology

POLI 202 Comparative Political Economy and Public Policy

POLI 101 Intro to American Politics

SOCI 290 Global Change

WMST 100 Women, Culture, Politics & Society

SCIENCE & TECHNOLOGY

COMP 150 Computer Programming I

DATA 229 Introduction to Data Science

DATA 327 Statistical Modeling

ENGL 335TF ST: Narrative Medicine

ESCI 101 Intro to Environmental Science

HSS 170 Intro to Exercise Science

PHYS 100 Concepts in Physics

PHYS 102 Physics Through Experimentation

COMMUNICATION

CMDM 101 Introduction to Communication

CMDM 120TD ST: Workplace Communication

CMDM 190 Public Speaking

ENGL 241 Beginning Journalism

ENGL 325 Writing Center Theory and Practice

ENGL 243 Business Writing

ENGL 300 Teaching Writing

200-level Chinese, German, or Spanish

CHEMISTRY

Wittenberg's chemistry program offers comprehensive training across the spectrum of the discipline: biochemistry, analytical, inorganic, organic, and physical chemistry. Certified by the American Chemical Society for more than 50 years, our program produces graduates known by businesses and graduate schools to have excellent preparation.

FACULTY INFORMATION

DEPARTMENT OFFERINGS

- B.A.: Chemistry
- B.A.: Chemistry with AYA Integrated Chemistry Education Licensure
- B.S.: ChemistryMinor: Chemistry

COURSE LISTING

Chemistry Course Descriptions begin on page 185 of the Catalog

DEGREE REQUIREMENTS

Requirements for Bachelor of Arts Degree in Chemistry – 53 credits (35 CHEM credits)

Required in Chemistry:

- CHEM 121 CHEM 281 CHEM 311 or 352
- CHEM 162 CHEM 300 CHEM 400
- CHEM 201
- Eight additional elective credits in chemistry

No more than four credits may be applied toward the major from CHEM 290, 490, 491, 492 and 499.

Required in Related Departments:

- MATH 201
- MATH 202
- PHYS 201
- PHYS 202 or PHYS 203

Recommended in Chemistry major: Requirements with additional courses appropriate to career goals and interest. The chemistry major should consult with the academic advisor to supplement the minimum requirements.

Recommended in Other Departments: The student planning to do graduate work in chemistry should consider takCh4685.0 G[(in)5(te)-3(rc00000912 e0g0 y9612 792 reW* nBT/F1 11.04 Tf1 0 0 1 300.43-4(tm)-3(ent)12(s)] TJETQq0.

CINEMA STUDIES

The interdisciplinary Onema Studies program examines film and television as art forms, training students to think and write critically. Onema Studies offers advanced study of theory, genre, national and international film, film history and other topics relevant to filmmaking as an art form and an industry.

FACULTY INFORMATION

PROGRAM OFFERINGS

• Minor: Cinema Studies

The following courses are approved for the Cinema Studies minor:

ART

- ART 241 Introduction to Photography 4 credits
 ART 341 Advanced Photography 4 credits

COMMUNICATION & DIGITAL MEDIA

Communication & Digital Media students explore the nature, processes and effects of human symbolic interaction and practice effective and ethical communication. Believing that active, engaged learning immerses the mind in critical and creative thinking, Wittenberg's Department of Communication & Digital Media challenges students to become ethical leaders in reasoning and action by adopting a broad perspective in the study of how people make meaning.

FACULTY INFORMATION

DEPARTMENT OFFERINGS

B.A.: Communication & Digital MediaMinor: Communication & Digital Media

COURSE LISTING

Communication & Digital Media Course Descriptions begin on page 191 of the Catalog

DEGREE REQUIREMENTS

Requirements for Bachelor of Arts Degree in Communication & Digital Media – 40 credits

CMDM 101 Introduction to Communication

CMDM 201 Communication Theory

Two courses of intermediate study from:

- o CMDM 202 Interpersonal Communication
- o CMDM 205 Media Literacy
- o CMDM 206 Reasoning and Communication

CMDM 300 Social Scientific Methods

CMDM 301 Critical Methods

Two courses of advanced seminars from:

- o CMDM 320 Topics in Communication and Culture (may be repeated for credit)
- o CMDM 324 Family Communication
- o CMDM 325 Relational Communication
- o CMDM 327 Health Communication
- o CMDM 328 Intercultural Communication
- o CMDM 329 Nonverbal Communication
- o CMDM 330 Analysis of Persuasion
- o CMDM 350 Topics in Media (may be repeated for credit)

Recommended Courses

The Communication & Digital Media faculty strongly encourages students to explore internship possibilities. Both the department and the Career Center have resources to assist students in identifying potential internship sites. Students can also earn 1-8 credits of academic credit for an internship through CMDM 491. While these credits do not apply to the major, they do count towards the degree.

COMPUTER SCIENCE

The computer science program examines how both hardware and software work, teaching critical thinking and problem-

CRIMINOLOGY AND CRIMINAL JUSTICE

Degree completion program for adult/non-traditional students

The Criminology & Criminal Justice degree completion program enables a student who has completed a two-year degree

DATA SCIENCE

Data science consists primarily of statistics and computer science courses, while leveraging the critical-thinking, problem-solving, whole-person approach that defines the liberal arts. Wittenberg's program in data science allows students to gain expertise in scientific methods, processes and systems to extract knowledge from data in various forms, and it unifies statistics and data analysis to more powerfully understand the occurrences in question.

FACULTY INFORMATION

PROGRAM OFFERINGS

B.A.: Data ScienceMinor: Data Science

EDUCATION

The education program aims to foste	rthe capacities of character,	competence and communit	y required to be an
-------------------------------------	-------------------------------	-------------------------	---------------------

- EDUC 495 Student Teaching 10 credits
- EDUC 496 Senior Seminar 2 credits

Requirements for Minor in Education

Required for all Education minors – 24 credits:

- One 4-credit course from the following:
 - o EDUC 103 Sociological Perspectives in Education
 - o EDUC 104 Philosophical Perspectives in Education
- EDUC 105 Educational Psychology 2 credits
- EDUC 120 Introduction to Students with Special Needs 2 credits
- EDUC 213 Adolescent Development and Education
- EDUC 312 Reading and Writing in the Content Areas 3 credits
- EDUC 313 Literacy Practicum 1 credit
- EDUC 332 Assessment and Inclusion 4 credits
- One of the following concurrent 3-credit course + 1-credit practicum options:

0

Requirements for Endorsement in Reading:

EDUCATIONAL STUDIES

Educational Studies allows students to investigate the historical, social, political and economic contexts of educational institutions, policy, teaching, and learning.

FACULTY INFORMATION

DEPARTMENT OFF

Requirements for Minor in Educational Studies – 22 credits Required – 18 credits:

- One 4-credit course from the following:
 - o EDUC 103 Sociological Perspectives in Education
 - o EDUC 104 Philosophical Perspectives in Education
- EDUC 105 Educational Psychology 2 credits
- EDUC 120 Introduction to Students with Special Needs 2 credits
- One 4-credit course from the following:
 - o EDUC 203 Early Childhood Development and Education
 - o EDUC 213 Adolescent Development and Education
- One 4-credit course from the following:
 - o EDUC 372 Critical Pedagogy and Social Change
 - o EDUC 382 Educational Policy
- EDUC 497 Capstone Seminar 2 credits

Electives – 4 credits chosen from:

- EDUC 206 Survey of Urban Education and Schooling 2 credits
- EDUC 207 Exemplary Practices in Urban Education 2 credits
- EDUC 220 History of Women in Education 2 credits
- EDUC 221 Educational Technology 2 credits
- EDUC 223 Adolescent Literature 2 credits
- EDUC 224 Youth Advocacy 2 credits
- EDUC 225 Introduction to Higher Education 2 credits
- EDUC 253 Phonics for Reading and Writing 4 credits
- Other courses upon departmental approval

Requirements for Minor in English – 20 credits

ENGL 270 Literary Form and Interpretation – 4 credits Choose either:

- o ENGL 180 Themes and Traditions in Literature 4 credits
- o ENGL 190 Topics in World Anglophone Literature 4 credits Choose either:
 - o ENGL 280 British Literary Genealogies 4 credits
- o ENGL 290 American Literary Genealogies 4 credits Eight ENGL credits at the 300-

ENVIRONMENTAL SCIENCE

Wittenberg's environmental science program is nationally-recognized for its community engagement. You will work with our 20+ local partners, award winning faculty, and engage with the community in environmental problem solving.

FACULTY INFORMATION

PROGRAM OFFFRINGS

B.A.: Environmental ScienceB.S.: Environmental ScienceMinor: Environmental Studies

COURSELISTING

Environmental Science Course Descriptions begin on page 217 of the Catalog

DEGREE REQUIREMENTS

Requirements for Bachelor of Arts Degree in Environmental Science – 50 credits

Complete 50 credits of coursework, including core environmental science courses, cognate courses, foundational and advanced courses focused on a theme of study, and a capstone experience. Students develop a theme of study in consultation with their advisor. Examples of themes include conservation biology, aquatic ecosystems, stream resources, water resources, and wildlife management.

Required in Environmental Science – 14 credits

- ESCI 101 Introduction to Environmental Science 5 credits
- ESCI 250 Environmental Science Research Methods 5 credits
- ESCI 290 Introduction to GIS 2 credits
- ESCI 494 Senior Seminar 2 credits

Required in Social Sciences or Humanities – 8 credits from:

- CMDM 363 Environmental Communication 4 credits
- ECON 350 Environmental and Natural Resource Economics 4 credits
- PHIL 207 Science in Social Context 4 credits
- ₱ POLI 103 International Relations 4 credits
- POLI 221 State and Local Government 4 credits
- POLI 320 Public Administration 4credits
- POLI 321 Public Policy 4 credits
- POLI 332 Political Parties and Interest Groups 4 credits
- RELI 177 Religious Perspectives on Contemporary Moral Issues 4 credits
- RELI 378 Bioethics 4 credits
- Additional courses as approved by the program

Required in Statistics - 4 @76/612 B1c@4/files 0 0 1 63.024 354.89 Tm0 g0 GQ37B\JETQg0.00000912 0 612 72Q4W* nBT/F8 11.

- ESCI 292 Remote Sensing 2 credits
- ESCI 293 Applied Problems in GIS 2 credits
- ESCI 294 GIS Applications 2 credits
- GEOL 150 Physical Geology 5 credits
- GEOL 160 Environmental Geology 5 credits
- GEOL 170 Geology of the Critical Zone 5 credits
- PHYS 201 Physics I 5 credits
- Additional courses as approved by the program.

Advanced Courses – at least 10 credits, including one course at the 300-level or higher, from the list of approved

GEOLOGY

Geology students dig deep below the surface of problems to find solutions in order to apply geologic understanding to ethical, societal and environmental issues. Geologists work in diverse sectors of the economy, including industry and business as exploration geologists and environmental consultants, academics as teachers and research scientists, and government as natural resource or natural hazard specialists.

FACULTY INFORMATION

DEPARTMENT OFFERINGS

• B.A.: Geology

- GEOL 322 Tectonics 4 credits GEOL 340 Earth History –

HEALTH SCIENCE

 $Health \ science \ students \ are \ immersed \ in \ practical, \ hands-on \ learning \ opportunities \ that \ allow \ them \ to \ explore \ health$

Learning Goal 2: Interdisciplinary nature of health science (minimum of 8 credits):

- CMDM 327 Health Communication 4 credits
- ECON 290 Topic: Health Economics 4 credits
- ENGL 180 Literature and Madness 4 credits
- HONR 300 Bioethics 4 credits
- PHIL 207 Science in Social Context 4 credits
- POLI 209 Topics: Comparative Health Care Policy 4 credits
- PSYC 212 Health Psychology 4 credits
- PSYC 231 Child Development 4 credits
- PSYC 232 Psychology of Adolescence 4 credits
- PSYC 243 Community Psychology 4 credits
- PSYC 251 Abnormal Psychology 4 credits
- PSYC 252 Child Abnormal Psychology 4 credits
- PSYC 280 Topic: Introduction to Clinical Psychology 4 credits
- PSYC 351 Introduction to Mental Health 5 credits
- RELI 213 Religion and Medicine 4 credits

•

HEALTH & SPORT STUDIES (EXERCISE SCIENCE, SPORT MANAGEMENT)

Wittenberg University's commitment to wholeness of person includes academic programming that emphasizes health, fitness and sport, including degree programs in Sport Management, Exercise Science and a Master of Arts in Athletic Coaching.

FACULTY INFORMATION

DEPARTMENT OFFERINGS

• B.A.:

HISTORY

While examining the past, history students learn to articulate different points of view, analyze evidence and ideas, and enhance both oral and written communication skills. Wittenberg's history program is distinguished by its global orientation, wide course variety, opportunities for learning outside the classroom, and close interaction between students and a dedicated faculty of teacher-scholars.

FACULTY INFORMATION

DEPARTMENT OFFERINGS

• B.A.: History

• B.A.: History with AYA Integrated Social Studies Education Licensure

• Minor: History

COURSE LISTING

History Course Descriptions begin on page 236 of the Catalog

DEGREE REQUIREMENTS

Requirements for Bachelor of Arts Degree in History – 40 credits

Requirements for Minor in History – 20 credits

At least eight HIST credits taken at the 100/200-level At least eight HIST credits taken at the 300/400-level Courses chosen with the approval of a departmental advisor

RELATED PROGRAMS

- African and Diaspora Studies
- Archaeology
- Pre-modern and Ancient Studies
- Russian and Central Eurasian Studies

INFORMATION SYSTEMS

The information systems major prepares students in computer science and business for the rapid advances in technology and its use in business settings. Information systems is an interdisciplinary program between computer science and business focusing on the commercial aspects of computing how computer systems are designed, built and run in the business world, -enabled business developmen

increasing demand in the marketplace for managers who can lead teams of technical programmers and engineers.

FACULTY INFORMATION

PROGRAM OFFERINGS

• B.A.: Information Systems

COURSE LISTING

Links to Information Systems Course Descriptions are on page 160 of the Catalog

DEGREE REQUIREMENTS

Requirements for Bachelor of Arts Degree in Information Systems – 49 credits Required in Business – 20 credits:

- ACCT 225 Financial Accounting 4 credits
- ACCT 226 Managerial Accounting 4 credits
- BUSN 212 Business Research Methods 4 credits
- BUSN 321 Strategic Logistics and Operations Management 4 credits
- BUSN 365 Managing Effective Organizations 4 credits

Required in Computer Science – 15 credits:

- COMP 150 Programming I 5 credits
- COMP 250 Programming II 4 credits
- COMP 295 Introduction to Networking 2 credits
- COMP 353 Software Engineering 4 credits

One introductory statistics course – 4 credits:

- · Choose one course from:
 - o BUSN 210 Business and Econ. Statistics

o PSYC 201 Statistics

DATA 227 Introductory Statistics

INTERNATIONAL STUDIES

The international studies program helps students to understand today's world, its politics, its economy and its many cultures. The international studies program (INTL) at Wittenberg embodies the liberal arts in a fundamental way, with its emphasis on the interdisciplinary study of international and global affairs through the examination of cultural, political, social and economic affairs in the international arena.

FACULTY INFORMATION

PROGRAM OFFERINGS

B.A.: International StudiesMinor: International Studies

COURSE LISTING

International Studies Course Descriptions begin on page 242 of the Catalog

DEGREE REQUIREMENTS

Requirements for a Bachelor of Arts degree in International Studies
All International Studies students must take following classes (16 credits), which also fulfill current General Education requirements:

- One course from:
 - o ECON 110 Economic Issues 4 credits (only when offered as Global Economics)
 - o ECON 200 Principles of Economics 4 credits
 - o BUSN 250 International Business 4 credits

•

TRACK II: INTERNATIONAL ECONOMICS

Students in the International Economics Track (II) must also complete the following:

- ECON 330 International Trade and Finance
- BUSN 250 International Business
- 8 credits of work from among the following courses:
 - o POLI 259 Topics in International Relations: International Political Economy
 - o SOCI 290 Global Change

SOCIOLOGY

- SOCI 277 Islam and Islamic Societies
- SOCI 301 Special Topics in Sociology/Anthropology (when AFDS topic)

SPANISH

• SPAN 130 Hispanic Literature (when AFDS topic)

THEATRE & DANCE

- THDN 210 Dance Ethnology
- At least six credits of the total required course work must be at the 200 level or higher

TRACK V: PEACE CORPS PREPARATION

- A. All Peace Corps Preparation students must take the following classes (20 credits), which also fulfill current General Educations requirements:
 - One course from:
 - o ECON 110 Economic Issues

HEALTH, cont.

- CHEM 111 Introductory Chemistry for Health Sciences
- CMDM 327 Health Communication
- HIST 370 Topics in African History: HIV/AIDS in Southern Africa
- HSS 204 Applied Anatomy
- HSS 250 Nutrition
- HSS 265 AIDS and Other Sexually Transmitted Diseases
- HSS 375 Exercise for Special Populations
- HSS 377 Principles of Strength and Conditioning
- NUR 300 Foundations and Contemporary Issues for RNs
- NUR 301 Cultural Competence in Health Care
- NUR 400 Health Assessment

ENVIRONMENT

- BIOL 123 How Animals Work
- BIOL 130 The Botanical World
- BIOL 170 Concepts of Biology: Biological Information, Reproduction, and Evolution
- BIOL 180 Concepts of Biology: Energy and Resources in Biology
- BIOL 230 Woody Plants
- BIOL 232 Herpetology
- BIOL 233 Ornithology
- BIOL 235 Morphology of Vascular Plants
- BIOL 241 Freshwater Ecology
- BIOL 245 Introductory Wildlife Management
- BIOL 247 Marine Ecology
- BIOL 346 Ecology
- CMDM 363 Environmental Communication
- GEOL 150 Physical Geology
- GEOL 160 Environmental Geology
- GEOL 170 Geology of the Critical Zone
- GEOL 315 Watershed Hydrology

YOUTH IN DEVELOPMENT

- AFDS 270 Topic: Lesotho Nutrition Initiative
- AFDS 270 Topic: Month Long Service Learning Trip to Lesothon
- ART 245 Digital Imaging I
- ART 271 Graphic Design
- CMDM 202 Interpersonal Communication
- CMDM 205 Media Literacy
- CMDM 324 Family Communication
- CMDM 361 Gender and Communication
- HIST 370 Topics in African History: HIV/AIDS in Southern Africa
- PSYC 212 Health Psychology
- PSYC 231 Chil.464 678reW* nBT.nBT/F1 11.04 TW* nBT.nBT/1JETQp1\$

COMMUNITY ECONOMIC DEVELOPMENT

- ACCT 225 Financial Accounting
- ACCT 226 Managerial Accounting
- AFDS 270 Topic: Lesotho Nutrition Initiative
- AFDS 270 Topic: Lesotho Service Learning
- ART 245 Digital Imaging I
- ART 271 Graphic Design
- BUSN 200 Entrepreneurship
- BUSN 202 Leading the Family Enterprise
- BUSN 250 International Business
- BUSN 270 Business Ethics and Leadership
- BUSN 320 Supply Chain Management
- BUSN 321 Strategic Logistics & Operations Management
- BUSN 330 Financial Management
- BUSN 335 Cases in Financial Management

.

JUSTICE, LAW & PUBLIC POLICY

Justice, Law & Public Policy is an interdisciplinary program that helps students develop the critical thinking, writing and communication skills required of professionals in the fields of social justice, law and public policy.

FACULTY INFORMATION

PROGRAM OFFERINGS

· Minor: Justice, Law & Public Policy

COURSE LISTING

Justice, Law & Public Policy Course Descriptions begin on page 245 of the Catalog

DEGREE REQUIREMENTS

Requirements for Minor in Justice, Law & Public Policy – 22 credits Required core courses – 6 credits:

One of the following courses in reasoning or informal logic – 4 credits:

- o BUSN 210 Business and Economic Statistics
- o CMDM 206 Reasoning and Communication
- o DATA 227 Introductory Statistics
- o PHIL 110 Logic and Critical Reasoning
- o PSYC 201 Statistics

Experiential Component - Complete an Internship or Community Engagement - 2 credits:

- o JLPP 491 Internship 1-8 credits
- o JLPP 492 Community Engagement 1-8 credits

Electives - 16 credits from THREE different

POLI 323 U.S. Congress – 4 credits

POLI 329 Advanced Topics in American Government – 4 credits

POLI 332 Political Parties and Interest Groups – 4 credits

POLI 350 American Foreign Policy – 4 credits

RELIGION

RELI 177 Religious Perspectives on Contemporary Moral Issues – 4 credits

RELI 378 Bioethics – 4 credits

SOCIOLOGY

SOCI 212 Topics in Criminology and Criminal Justice – 2-4 credits

SOCI 214 Penology and Social Control – 4 credits

SOCI 215 Crime and Media – 4 credits

SOCI 245 Gender and Society – 4 credits

SOCI 312 Special Topics in Criminology and Criminal Justice – 2-4 credits

SOCI 314 Women and Crime – 4 credits

SOCI 370 Criminology and Criminological Theory – 4 credits

SOCI 376 Law and Society - 4 credits

WOMEN'S STUDIES

WMST 100 Women, Culture, Politics and Society – 4 credits

Some courses may have prerequisites, please check course descriptions. Additional courses as approved by the advisory committee may also count toward the minor.

Requirements for Bachelor of Arts Degree in French – 36 credits

- FREN 260 2 credits
- FREN 261 2 credits
- FREN 262 2 credits
- FREN 263 2 credits
- FREN 264 2 credits
- FREN 265 2 credits
- Three 300-level FREN courses 12 credits
- Two 400-level FREN courses 8 credits
- One additional 300- or 400-level FREN course OR four 1-credit modules of FREN 270/370 in the Cultures and Languages Across the Curriculum (CLAC) program – 4 credits

Requirements for French Minor – 20 credits

- Four 200-level FREN courses (2 credits each) 8 credits
- Two 300-level FREN courses 8 credits
- One 400-level FREN course (not the senior seminar) 4 credits

Licensure for Teaching in French Students interested

GERMAN

Requirements for Bachelor of Arts Degree in German

- 34 GERM credits beyond GERM 112, including:
 - o 200-level GERM courses at least 8 cr.000H04 T0-2(r.000H04 T0-2(r13)] TJETQq0.Qa* nBT/F1 11.04 Tf1 0 0 1

SPANISH

Requirements for Bachelor of Arts Degree in Spanish – 36 credits

- 12 credits of 200-level SPAN courses
- 12 credits of 300-level SPAN courses, including SPAN 301 or SPAN 302
- 12 credits of 400-level SPAN courses

Spanish 301 or 302, and at least one 400-level course must be completed at Wittenberg. All coursework for the major must be taught in Spanish. Students may substitute Span 130 for one of the 400-level courses if they complete the reading, writing, and other coursework assignments in Spanish. To successfully complete the Spanish major, students turn in a final portfolio by the end of their spring semester, senior year.

Requirements for Spanish Minor – 20 credits

- 12 credits of 200-level SPAN courses
- 8 credits of 300-level or higher SPAN courses

All coursework for the minor must be taught in Spanish. Students may only take classes for the minor using the pass-fail option with the instructor's permission.

Licensure for Teaching in Spanish

Students interested in pursuing a course of study leading to a license to teach Spanish should contact their advisor or the Education Department

LIBERAL STUDIES

Program only for adult/non-traditional students

Intended strictly for adult/non-traditional students, this interdisciplinary degree program is supervised by the Provost's office.

PROGRAM OFFERINGS

• B.A.: Liberal Studies

COURSE LISTING

ORLE Course Descriptions begin on page 262 of the Catalog

DEGREE REQUIREMENTS

Requirements for a Bachelor of Arts degree in Liberal Studies – 36 credits

The major requires 36 credits of coursework, organized around a plan developed by the student and approved by the . The coursework must include:

• ORLE 200 Readings in Leadership

•

ORLE 47(2)7(0)-3(0)-ShrenocLeaders1lop Sem(cr)-3(inar)3()] TJETQq0.00000912 0 612 792 reW* nBT/F1 11.04 Tf1 0 0 472

MARINE SCIENCE

Marine science students conduct research projects on campus, in field programs and during internships at marine laboratories around the world. Wittenberg offers a variety of opportunities for marine science on campus, as well as exciting field opportunities at the Duke University Marine Laboratory in Beaufort, North Carolina, and the Gerace Research Centre in the Bahamas.

FACULTY INFORMATION

PROGRAM OFFERINGS

• Minor: Marine Science

COURSE LISTING

Marine Science Course Descriptions begin on page 250 of the Catalog

DEGREE REQUIREMENTS

Requirements for Minor in Marine Science – 22 credits

The program in Marine Science is designed for students who desire a solid foundation in the field, including Marine Biology and Oceanography. A fundamental goal of the minor is to allow students to explore the interdisciplinary nature of marine science and the connections among its sub disciplines. In addition to required coursework, students must participate in a marine field experience and conduct a research project or other significant work on a marine topic. This minor is available to students in any major, and would especially benefit those students interested in pursuing graduate work in a marine field.

MRSC 200 Oceanography – 4 credits BIOL 247 Marine Ecology – 5 credits

One course from:

o GEOL 150 Physical Geology - 5 credits

o GEOL 160 Environmental Geology – 5 credits

At least 8 additional credits in elective courses (listed below)

A marine field experience

A marine research project or other significant professional marine experience such as an internship

At least 8 credits taken beyond the core courses must come from outside the student's major department. Up to 4 credits of directed research or independent study may be included in the 8 credits of elective courses. Note that most courses offered during the Duke University Marine Laboratory's semester program will count toward minor requirements. Many Duke courses without direct equivalents could count as MRSC 250 Topics in Marine Science. See the program director for a full list of course equivalents.

Wittenberg programs that fulfill the requirement for a marine field experience include Extended Field Studies (BIOL 258) taken in conjunction with either BIOL 239 Biology of Marine Invertebrates or BIOL 247 Marine Ecology, the Duke University Marine Laboratory semester program, and the Bahamas summer program. Other possibilities include summer internship programs at marine laboratories. This requirement may be fulfilled simultaneously with the research experience if the research is conducted in a field setting. The program director's approval is required for the field experience if it is not through a Wittenberg program.

Students must complete a research project on a marine topic or otherwise participate in a professionally-related marine experience such as an internship (MRSC 492 Directed Research or MRSC 490 Internship). Up to 4 credits of either (but not both) may be included in the minimum 22 credits required for the minor. The project need not be taken for credit, but must be of a scope worthy of receiving academic credit. At the conclusion of the project or internship, the student will present the results of the research in written, oral, or professional poster format (format to be chosen in consultation with the student's research or internship advisor). Students have the opportunity to conduct this research on campus during the academic year, during Wittenberg's Bahamas summer program, during the semester program at the Duke University Marine Laboratory or other similar, accredited programs approved by the Marine Science Committee. Similarly, an internship with a government agency such as the National Atmospheric

MATHEMATICS

The mathematics program challenges students to obtain sophisticated theoretical knowledge and problem-solving skills that resolve real-world issues. At Wittenberg, the study of mathematics will train your mind in

- Eight additional MATH credits which include at least one 300-level course
- Senior Capstone Experience two or more credits from the following:
 - o MATH 460 Senior Seminar 2 credits
 - o MATH 490 Independent Study 1-4 credits
 - o MATH 499 Honors Thesis/Project 0-8 credits

Note: majors considering graduate school in math are strongly encouraged to complete a senior independent study or a research project/honors thesis.

Required in Computer Science – 9 credits:

- COMP 150 Computer Programming I 5 credits
- One additional COMP course numbered 250 or above

Required in Data Science – 4 credits:

• DATA 227 Introductory Statistics

Required in Other Departments – 8 credits:

• A sequence of courses in one department (Biology, Chemistry, Geology, Physics, Psychology, or another approved by the department) that is approved by the Department of Mathematics and Computer Science.

Requirements for a Minor in Mathematics – 25 credits (16-20 MATH credits)

Required in Mathematics – 16-20 credits

- MATH 201 Calculus I
- MATH 202 Calculus II
- MATH 210 Introduction to Proofs
- One course from:
 - o DATA 227 Introductory Statistics
 - o MATH 215 Differential Equations
 - o MATH 228 Univariate Probability
 - o MATH 261 Linear Algebra
- One additional MATH course (at least four credits) at 200-level or above

Required in Computer Science – 5 credits

• COMP 150 Computer Programming I

Requirements for a Minor in Statistics – 20 or 24 credits

Required in Mathematics / Data Science

- MATH 131 Essentials of Calculus or MATH 201/202 Calculus I/II
- DATA 227 Introductory Statistics
- MATH 228 Univariate Probability
- Any two courses selected from:
 - o DATA 327 Statistical Modeling
 - o DATA 337 Statistical Design
 - o MATH 328 Mathematical Statistics

Licensure for Teaching in Mathematics

Students interested in pursuing a course of study leading to a license to teach mathematics should contact their advisor or the

MUSIC

Wittenberg's music program prepares students for careers in music education, performance, church music, composition, arts administration and other fields.

FACULTY INFORMATION

DEPARTMENT OFFERINGS

• B.A.: Music

• Bachelor of Music Education (B.M.E.)

• Minor: Music

COURSE LISTING

Music Course Descriptions begin on page 251 of the Catalog

DEGREE REQUIREMENTS

NOTE To dedare one of the majors in music, it is necessary to assess proficiency in music fundamentals and musical literacy either by taking the Music Placement Examination and achieving placement in MUSI 155 Intermediate Music Theory I or by successfully completing MUSI 102 Basic Music Theory & Skills. For acceptance into the BME or BA, a satisfactory audition is required.

Preliminary to Curricula: Both Degree Programs:

MUSI 102 Basic Music Theory & Skills - 4 credits

MUSI 120 Functio(CUL[(M)i.QqN TJE96(tTJb(ir)t)-3(ard5(U)(s)] TJETQq0.00000912 0 612 792 reW* nBT/F5 11.04 Tf1 0

Requirements for Bachelor of Music Education – 87 credits (74 MUSI credits)

Required in Music – 74 credits

MUSI 155 Intermediate Music Theory I

NEUROSCIENCE

A multidisciplinary science that studies the nervous system, neuroscience at Wittenberg includes core coursework in behavioral neuroscience, cognitive neuroscience, molecular neuroscience and neurobiology, as well as elective coursework in biology, chemistry, computer science, data science, philosophy or psychology. In addition, neuroscience students at Wittenberg engage in experiential learning in research or community settings. These hands-on opportunities help students learn how to effectively write and present their neuroscience findings.

FACULTY INFORMATION

PROGRAM OFFERINGS

• Minor: Neuroscience

COURSE LISTING

Neuroscience Course Descriptions begin on page 258 of the Catalog

DEGREE REQUIREMENTS

Requirements for Minor in Neuroscience – 19-21 credits

Required in Biology – 5 credits:

o BIOL 210 Molecular Neurobiology OR BIOL 220 Neurobiology

Required in Psychology – 5 credits:

o PSYC 311 Behavioral Neuroscience **OR** PSYC 321 Learning, Memory and Cognition

Required in Neuroscience – 4-5 credits from:

o BIOL 210 Molecular Neurobiology

NURSING: 4-YEAR BSN

The 4-Year BSN program is for individuals who are not yet registered nurses. Wittenberg University offers a challenging bachelor of science in nursing (BSN) program. Students reap the benefits of a strong liberal arts curriculum and

campus, and participate in all facets of student life including athletics.

FACULTY INFORMATION

PROGRAM OFFERINGS

• B.S.N.: Nursing

COURSE LISTING

Nursing Course Descriptions begin on page 259 of the Catalog

DEGREE REQUIREMENTS

Requirements for Bachelor of Science Degree in Nursing – 92 credits

ORGANIZATIONAL LEADERSHIP

Organizational Leadership is a multidisciplinary, applied-learning program designed for students who want a broad academic background to prepare them for supervisory and management careers.

PRE-MODERN AND ANCIENT WORLD STUDIES

The minor in Pre-Modern and Ancient World Studies provides students with an opportunity to delve deeply into the history, literature, and culture of past civilizations. To make students global citizens, the PAST minor takes a global perspective, and encourages students to study the past from a variety of perspectives to allow them to make connections across time and space, and also between the present and the past.

FACULTY INFORMATION

PROGRAM OFFERINGS

Minor: Pre-Modern and Ancient World Studies

COURSELISTING

See department headings of approved courses list below for links to course descriptions in the catalog

DEGREE REQUIREMENTS

Requirements for Minor in Pre-Modern and Ancient World Studies – 20 credits

To provide coherence to the minor, students should decide in consultation with their PAST faculty advisor on a distribution: chronological, thematic or comparative. Courses should include:

8 credits at the advanced level

Courses from at least two different areas of study

No more than three courses from any one department

Areas of study include:

- o Art
- Economics
- o English
- o History
- Literature and Language
- o Music
- o Philosophy
- o Political Science
- o Religion
- Theatre

THE FOLLOWING COURSES ARE APPROVED FOR THE PAST MINOR:

ART HISTORY

ART 110 Art History I - 4 credits

ART 220 Italian Renaissance Art - 4 credits

ART 230 Baroque and Rococo Art – 4 credits

ART 240 Early Christian and Byzantine Art – 4 credits

ART 243 Western Medieval Art - 4 credits

ART 275 Greek and Roman Art – 4 credits

ART 280 Topics (when topic appropriate) – 2-4 credits

ECONOMICS

ECON 231 European Economic History – 4 credits

ECON 320 History of Economic Thought – 4 credits

ENGLISH

ENGL 180 Themes and Traditions in Literature (when topic appropriate) – 4 credits ENGL 280 British Literary Genealogies – 4 credits ENGL 350 Studies in Medieval Literature and Culture

POLITICAL SCIENCE

POLI 211 Ancient and Medieval Political Philosophy – 4 credits

RELIGION

RELI 121 Art of Biblical Literature – 4 credits

RELI 134 Chinese and Japanese Religious Traditions – 4 credits

RELI 221 Understanding the Old Testament – 4 credits

RELI 222 Understanding the New Testament – 4 credits

RELI 241 Christian Tradition – 4 credits

RELI 321 Biblical and Modern Prophets - 4 credits

RELI 324 Apocalyptic Vision in Ancient and Modern Literature – 4 credits

RELI 333 Buddhist Thought and Scriptures – 4 credits

RELI 339 Monkeys, Samurai, and Gods – 4 credits

In addition, topics courses in these departments and others are approved to meet Pre-Modern and Ancient World Studies minor requirements as the selected topics warrant. Other types of courses may also be offered with a Pre-Modern and Ancient World Studies emphas5ure

PHILOSOPHY

PHYSICS

Physics students study the natural world from the largest to the smallest scales, and from the fundamental to the immediately practical. Physics is concerned with discovering and describing patterns in nature in order to help us better understand the world around us. The Wittenberg Physics Department, through active engagement and collaborative student-faculty research, prepares students to be explorers of new frontiers and

Requirements for Minor in Physics – 27 credits Required in Physics – 19 credits:
• PHYS 201

- 14 credits taken at the 200-level or above (only one of PHYS 20

PRE-HEALTH

Wittenberg's pre-health program has a broad base, and active support is offered for students planning to attend a variety of health professional schools.

The student interested in a career in human or veterinary medicine, dentistry, optometry, physical therapy, occupational therapy or another health profession needs to plan the sequence of courses in order to complete the prerequisite courses for the various health profession schools and prepare for the national admission tests.

Prerequisite courses for the health professional schools typically include:

- · One year of biology
- Two years of chemistry
- · One year of physics
- One year of mathematics
- · One year of English

In addition to these requirements, schools may have other courses that they require from the humanities or social sciences. While most Wittenberg Pre-Health students major in biology, chemistry, biochemistry/molecular biology, psychology, or exercise science, a major in the sciences is not required by most health profession schools. Students may choose any major as long as they take the professional school prerequisite courses.

PRE-LAW

A liberal arts education - which teaches you how to think, not what to think - is the best preparation for law school. Wittenberg's Connections Curriculum ensures that students cultivate the very skills needed as a lawyer: critical analysis, logical thinking and the ability to write and speak with precision.

PSYCHOLOGY

RELIGION

RUSSIAN AND CENTRAL EURASIAN STUDIES	

Through the

Twelve credits in social science, chosen from at least three different departments, from the following:

POLI 352* Russian Foreign Policy – 4 credits

POLI 359 Topics: Russian-Chinese-US Trilateral Politik – 4 credits

ECON 231* European Economic History – 4 credits

ECON 275* Economies in Transition – 4 credits

RUSS 230 Topics: Russian Society Today – 4 credits

SOCI 301 Topics (when appropriate) – 2-4 credits

SOCI 490 Independent Study – 2-4 credits

Elective – 4 credits

Four credits chosen from among the courses in RCEP, including advanced language. Elective must be at 300-level or above. This elective allows the student to pursue a special emphasis.

Language across the Curriculum

The Russian and Central Eurasian Area Studies Program heartily encourages the concept of "languages across the disciplines." The student with sufficient language background may do a portion of his or her course work in the Russian language. This allows the student not only to practice the language but also to apply it to an area of interest. Prior approval of a text will be given by the Russian language instructor to ensure the appropriate level for the student. Participation is voluntary, but highly recommended.

Requirements for Minor in Russian and Central Eurasian Studies – 20 credits

The minor in Russian and Central Eurasian Studies should complete at least one class that has non-Russian, Central Eurasian content, chosen in consultation in his or her advisor. Those classes are marked with an asterisk. In all, twenty credits of coursework are required and should be distributed in the following manner:

Russian Language – 8 credits from the following (or the equivalent):

RUSS 111 Beginning Russian I – 4 credits

RUSS 112 Beginning Russian II – 4 credits

Humanities – 4 credits from the following:

RUSS 130 Russian Topics – 4 credits

RUSS 151 Russian War on Film – 4 credits

RUSS 152 Journey into the Fantastic – 4 credits

RUSS 153 Myth and Soul of St. Petersburg – 4 credits

RUSS 154 The Modern Hero – 4 credits

RUSS 260 Contemporary Issues – 2 credits

HIST 251 Medieval Russia – 4 credits

HIST 252 Imperial Russia – 4 credits

HISTORY

- HIST 251 Medieval Russia 4 credits
- HIST 252 Imperial Russia 4 credits

Electives for B.A. in Sociology with Criminology Concentration

- SOCI 212 Topics: Criminology and Criminal Justice 2-4 credits
- SOCI 213 Serial Murder 4 credits
- SOCI 214 Penology and Social Control 4 credits
- SOCI 215 Crime and Media 4 credits
- SOCI 250 Sociology of Deviance 4 credits
- SOCI 312 Special Topics: Criminology and Criminal Justice 2-4 credits
- SOCI 314 Women and Crime 4 credits
- SOCI 355 Juvenile Delinquency 4 credits
- SOCI 376 Law and Society 4 credits
- SOCI 380 Identity, Self and Society 4 credits
- Other courses approved by the department chairperson

Electives for B.A. in Sociology with a Cultural Anthropology Concentration

- SOCI 201 Topics in Sociology/Anthropology 2-4 credits
- SOCI 215 Crime and Media 4 credits
- SOCI 220 Culture in the Classroom 4 credits
- SOCI 245 Gender and Society 4 credits
- SOCI 271 Anime and Japanese Youth Culture 4 credits
- SOCI 285 Food Justice 4 credits
- SOCI 315 Cultural Travel Writing 4 credits
- SOCI 355 Juvenile Delinquency 4 credits
- SOCI 380 Identity, Self and Society 4 credits
- Other courses approved by the department chairperson

THEATRE AND DANCE

In addition to rigorous course work, theatre and dance students have numerous opportunities to hone their craft by being involved in MainStage and laboratory theatre and dance productions.

FACULTY INFORMATION

DEPARTMENT OFFERINGS

• B.A.: Theatre

• Minors: Theatre Design & Technology, Theatre Performance

COURSE LISTING

Theatre and Dance Course Descriptions begin on page 292 of the Catalog

One course chosen from:

- o THDN 112 Dance in Popular Culture 4 credits
- o THDN 210 Dance Ethnology 4 credits
- o THDN 200 Topics in Dance Culture 1-4 credits

Four credits chosen from:

- o THDN 180 Elements of Dance 2 credits
- o THDN 181 Motif Description 2 credits
- o THDN 182 Dance Notation 2 credits
- o THDN 233 Lighting and Sound Design 2 credits
- o THDN 234 Costume and Make-up Design 2 credits
- o THDN 235 Stage Management 2 credits
- o THDN 226 Improvisation 4 credits

Must serve on one technical production crew

Completion of an integrated learning unit

Pass a two-part senior comprehensive examination

Requirements for Minor in Theatre Design and Technology – 20 credits

- THDN 230 Stagecraft 4 credits
- THDN 231 Stage Design 4 credits
- THDN 265 History of Western Theatre 4 credits
- THDN 310 Devised Theatre 4 credits
- Four credits from the following:
 - o THDN 210 Dance Ethnology 4 credits
 - o THDN 211 Dance Composition 4 credits
 - o THDN 235 Stage Management 2 credits
 - o THDN 270 Contemporary American Drama 4 credits
 - o THDN 300 Directing 4 credits
 - o THDN 331 Advanced Stage Design 4 credits
 - o THDN 401 Senior Seminar 1 credit
 - o THDN 030 Modern Dance
 - o THDN 040 Ballet
 - o THDN 050 Jazz
 - o THDN 060 Tap Dance
 - o THDN 070 Dance Company Workshop
- Perform in and/or crew for two MainStage theatre productions.

Requirements for Minor in Theatre Performance – 19 credits

- THDN 122 Acting 4 credits
- THDN 265 History of Western Theatre 4 credits
- THDN 310 Devised Theatre 4 credits
- Two credits from:
 - o THDN 030 Modern Dance
 - o THDN 040 Ballet
 - o THDN 050 Jazz
 - o THDN 060 Tap Dance
 - o THDN 070 Dance Company Workshop
- Five credits from:
 - o THDN 210 Dance Ethnology 4 credits
 - o THDN 211 Dance Composition 4 credits
 - o THDN 235 Stage Management 2 credits
 - o THDN 250 Child Drama 4 credits
 - o THDN 270 Contemporary American Drama 4 credits

- o THDN 280 Topics in Theatre 1-4 credits
- o THDN 300 Directing 4 credits
- o THDN 322 Advanced Acting 4 credits
- o THDN 400 Topics in Theatre Performance 1-4 credits
- o THDN 401 Senior Seminar (401) 1 credit
- Perform in and/or Crew for two MainStage theatre productions

Requirements for Minor in Dance – 22 credits

THDN 102 Dance Production – 2 credits

THDN 211 Dance Composition – 4 credits

One course chosen from:

- o THDN 313 Dance History 4 credits
- o THDN 200 Topics in Dance History 4 credits

One course chosen from:

- o THDN 112 Dance in Popular Culture 4 credits
- o THDN 210 Dance Ethnology 4 credits
- o THDN 200 Topics in Dance Culture 4 credits

One course chosen from:

- o THDN 226 Improvisation 4 credits
- o THDN 230 Stagecraft 4 credits

Four credits of dance technique courses chosen from THDN 010 – THDN 070

Participation in the senior dance concert

All four credits of dance technique courses and the two credits of THDN 102 may count toward the total credits needed for graduation.

Licensure for Teaching in Drama/Theatre

Students interested in pursuing a course of study leading to a license to teach drama/theatre should contact the Chairperson of the Department of Theatre and Dance or the Education Department for specific requirements.

WOMEN'S STUDIES

concerns and methodologies in a rich inquiry into one vitally important topic the status and accomplishments of women. In pursuing this goal, the Program recognizes and encourages alternative ways of thinking about both disciplines and pedagogy, presents previously ignored or misinterpreted information about women across the disciplines, and -esteem and personal growth through academic growth and inquiry.

FACULTY INFORMATION

PROGRAM OFFERINGS

Minor: Women's Studies

COURSE LISTING

Women's Studies Course Descriptions begin on page 295 of the Catalog

DEGREE REQUIREMENTS

Requirements for Minor in Women's Studies – 20 credits

WMST 100 Women, Culture, Politics and Society – 4 credits

16 additional credits in at least three different disciplines

Three courses must be numbered 200 or above

Only one course may count for both the student's major and the WMST minor

Presentation of portfolio of written work in women's studies to a WMST faculty committee for assessment in spring of senior year

THE FOLLOWING COURSES ARE APPROVED FOR THE WMST MINOR:

CHINESE

- CHIN 130 Topics: Chinese Women Writers: Ancient and Modern 4 credits
- CHIN 130 Topics: Cutting Sleeve and Sharing Peach: Literature and Film of Homosexuality in China 4 credits

COMMUNICATION & DIGITAL MEDIA

- CMDM 324 Family Communication 4 credits
- CMDM 361 Gender and Communication 4 credits

ENGLISH

- ENGL 180 Gender Trouble 4 credits
- ENGL 180 Making Romance 4 credits
- ENGL 180 Women in Classical Hollywood Cinema 4 credits
- ENGL 370 Studies in African American Literature (when WMST focus) 4 credits
- ENGL 372 Women in Literature I 4 credits
- ENGL 373 Women in Literature II 4 credits
- Sections of ENGL 180 and other topics courses as noted in the master schedule

HEALTH AND SPORT STUDIES

• HSS 245 History of Women in Sport – 4 credits

HISTORY

• HIST 210 Topics in the Ancient World: Dangerous Beauty: Cleopatra – 4 credits

MUSIC

• MUSI 187

PHILOSOPHY

- PHIL 204 Philosophy of Women's Lives 4 credits
 PHIL 304 Knowing Bodies 4 credits

POLITICAL SCIENCE

• POLI 216 Family Values: The Politics of Care, Virtue and Equality

(

ORDER OF COURSE DESCRIPTIONS

(Alphabetical by prefix dick prefix to jump to corresponding course descriptions)

ACCT - Accounting

AFDS – African and Diaspora Studies

ARCH - Archaeology

ART - Art and Art History

BIOL – Biology

BMB - Biochemistry/Molecular Biology

BUSN – Business (Entrepreneurship, Finance, Management, Marketing)

<u>CCUE</u> – Civic Engagement

CHEM – Chemistry

CHIN - Chiág82 GOBTan AMCID 42 18 q0.00000912 0 0 g0 G01sh

CINE - Cinema Studies

CMDM – Communication & Digital Media

COMP – Computer Science

CRCJ - Criminology and Criminal Justice (GPS only - degree completion program)

DATA - Data Science

EAST – East Asian Studies

ECON – Economics

EDUC – Education and Educational Studies

ENGL – English

ENVS – Environmental Studies

ESCI – Environmental Science

FREN - French

FYS -

ACCOUNTING

ACCT 225. Financial Accounting. 4 credits.

Primary focus on the analysis of economic events and their effect on the major financial statements (balance sheet, income statement and statement of cash flows). A balanced perspective on the practice, theory and conflicts in current accounting practice. Objectives: present the accounting model, process of measurement, data classifications and terminology needed to effectively use and prepare financial statements. Prerequisite: Math Placement Level 2. Every year.

ACCT 226. Managerial Accounting. 4 credits.

Explores the various techniques for the preparation and analysis of accounting information for organizational planning and control. Fundamental concepts of cost, decision-making, planning and performance evaluation in a managerial environment are presented. Prerequisite: ACCT 225. Every year.

ACCT 240. Accounting Information Systems. 4 credits.

Theory and application of accounting information systems. Will reflect how information technology (IT) is altering the nature of accounting. How developments as the Internet, electronic commerce, EDI, databases, and artificial intelligence are transforming the way organizations conduct their business activities. Prerequisite: ACCT 225. Every other year.

ACCT 290. Topics in Accounting. 1-4 credits.

Seminar of selected accounting topics. Open to all students. May be writing intensive. On demand.

ACCT 325. Intermediate Accounting I. 4 credits.

Part one of a two-course sequence in corporate financial reporting. Examines the theoretical basis for financial accounting concepts and principles emphasizing income measurement and accounting for assets. Topics include the recent developments in accounting valuation and reporting practices promulgated by professional accounting organizations and implemented by practitioners in public and private accounting. Provides a rigorous introduction to the methodology and logic behind the procedures and principles followed in the development of accounting information. Prerequisite: ACCT 225. Every year.

ACCT 326. Intermediate Accounting II. 4 credits.

Sequential in-depth study of financial statements, accounting concepts, accounting principles, and alternative procedures and practices. Current professional pronouncements included where appropriate. Prerequisite: ACCT 325. Every year.

ACCT 327. Cost Accounting. 4 credits.

Upper-level course covering the methods of determining product costs, their effective control, and their use for managerial decision-making. Prerequisite: ACCT 226. Every other year.

ACCT 390. Topics in Accounting. 1-4 credits.

Seminar of selected accounting topics. Restricted to advanced majors in management or those obtaining permission of instructor. May be writing intensive. On demand.

ACCT 423. Advanced Accounting. 4 credits.

Comprehensive study of business combinations, the equity and acquisition methods of accounting for investments, and consolidated financial statement preparation. Explores accounting theory as applied to special problems such as accounting for partnerships, estates and trusts, and segment and interim reporting. Accounting and reporting for private

AFRICAN AND DIASPORA STUDIES

AFDS 201. Introduction to African and Diaspora Studies. 4 credits.

Introduction to the discipline of Africana Studies. Focus on the history (political, economic, psychological, artistic, and cultural) of people of African descent. Every year.

AFDS 270. Topics in African and Diaspora Studies. 2-4 credits.

Topical approach to specific themes in African, African-American, and African Diasporic studies. Some sections may be writing intensive. May be repeated for credit.

AFDS 492. African and Diaspora Studies Senior Project. 2 credits.

An integrated learning opportunity geared toward assessing student understanding of theories, methods and concepts central to the discipline. Every year. Prerequisite: permission of program director.

ARCHAEOLOGY

ARCH 103. Introduction to Archaeology. 4 credits.

This course provides an introduction to the history, methods, theory, and broader social context of modern archaeological practice. As a field dedicated to the study of the human past through the examination of material remains, the course examines a variety of methods such as scientific excavation, satellite imaging, materials analysis, paleopathology, ethnography, underwater archaeology, and landscape archaeology. In this class, we will explore some of the major questions that interest archaeologists now, how these questions compare to archaeological work in previous generations, and the sources of evidence used to investigate the questions. ARCH 103 introduces minors to the field of archaeology and provides a foundation for advanced classes in anthropology, archaeology, geology, history, and religion. Two field excavation days, or laboratory days, are part of the course requirements. Every year.

ART

ART 101. Studio Foundations: Two-Dimensional Design. 4 credits.

Introduction to the basic components of the visual arts with special emphasis on the role of media. A primary goal is to develop a student's ability to think in visual terms. Every year.

ART 103. Studio Foundations: Three-Dimensional Design. 4 credits.

An exploration of the formal use of space as it is applied to Three-dimensional form. The student will be introduced to the elements of height, width, depth, volume and form. Project research will be in the realm of non-objectivity, abstraction and reality. Particular attention will be given to the techniques of drawing, model making and presentation of a final solution. Emphasis will be placed on creative thinking and problem solving in the context of small-scale and larger projects. Every year.

ART 105. Fundamentals of Art. 4 credits.

This course introduces students to the basic processes, theories, media and content of visual art. Students merge general theory with basic studio practice through a variety of studio production activities. Students will incorporate Basic Elements of Art into the design, creation, and evaluation of fine art projects. The course involves hands-on activities, lectures and discussion, and real time first-hand experiences with multiple art forms; students will follow traditional production techniques and experience a variety of media and materials as they intersect intellectual content with creative assignments. Much of the underlying structure behind visual art involves the application of some combination of Basic Elements and Principles of Design. This course will blend an investigation of those elements with several other concepts as they apply to both two and three-dimensional art production. A primary goal is to develop a student's ability to think in visual terms.

ART 110. Art History I. 4 credits.

A selective survey of the arts of the world from the prehistoric period through the 14th century. This course provides an overview of the stylistic development of art, its historical contexts, and its original functions and meanings. It explores the ways in which art bridges human cultures, such as the use of arts in ceremony and ritual, as aid to memory, innovation, agent of identity, ornament, expression, and shelter. Every year.

ART 120. Art History II. 4 credits.

Selective chronological survey of the arts of the Western world from the Renaissance through the present. This course traces the development of the pictorial traditions of the West by concentrating on the major artists and movements, beginning with the resurgence of classical antiquity in the Italian Renaissance and culminating with the radical artistic innovations of the 21st century. Every semester.

ART 121. Basic Drawing. 4 credits.

Part of the first-year Foundations sequence. Introduction to the basic disciplines of drawing — line, value composition, etc. Special emphasis on drawing as a tool for gathering ideas. Every year.

ART 130. Non-Western Art Survey. 4

ART 151. Introduction to Printmaking. 4 credits.
Survey of printmaking techniques designed to expose students to the possibilities of artistic expression through

ART 245. Digital Imaging I. 4 credits.

ART 340. Modern Art. 4 credits.

Investigation into the art and architecture from the end of the 19th century (c. 1890) through the contemporary period, primarily in Western Europe and America. Art historical movements, including the artists and stylistic traits which embody them, will be studied chronologically. Every semester.

ART 341. Advanced Photography. 4 credits.

Designed as a continuation of 241, this course will ask students to further explore their personal expression, and hone their skills as artists through the photographic medium. 35mm and/or medium-format cameras and their functions will be explored. Alternative processes, abstraction, the zone system, large-format cameras, self-portraiture, photojournalism, and the bridge between digital and analog photography are some of the areas that may be explored. Prerequisite: ART 241. Every other year.

ART 345. Digital Imaging II. 4 credits.

An advanced studio course in which students hone their skills using Photoshop and related software for the creation of design and fine artwork.

ART 351. Printmaking II. 4 credits.

Advanced printmaking techniques. Continuation of ART 251, which is a prerequisite. Every year.

ART 361. Sculpture II. 4 credits.

Continuation of ART 261. Exploration in carving, modeling, and construction. Investigation of stone, wood, metal, plaster, clay, and found objects. Prerequisite: ART 261. Every year.

ART 365. Silver Jewelry II. 4 credits.

Advanced silver jewelry techniques. Continuation of ART 265, which is a prerequisite. Every year.

ART 380. Topics in Studio Art. 2-4 credits.

Courses in special studio art as described in the course schedule for each semester. This course may be repeated for credit.

ART 385. Handbuilt Ceramics II. 4 credits.

Advanced study of handbuilding techniques. Prerequisite: ART 285. Every year.

ART 392. Ceramics II. 4 credits.

Advanced study of building methods. Prerequisite: ART 292. Every year.

ART 421. Drawing III. 4 credits.

A continuation of ART 321. Development of a deeper understanding of drawing techniques in a more concentrated individual style. Prerequisite: ART 321. Every year.

ART 431. Painting III. 4 credits.

Continuation of ART 331. Major emphasis on the development of the student as an independent artist. The student makes a series of paintings as a means of investigating a single idea or theme. Prerequisite: ART 331. Every year.

ART 451. Printmaking III. 4 credits.

Advanced work in the graphic processes. Specialized study in individual creative and technical problems. Prerequisite: ART 251 or ART 351. Every year.

ART 461. Sculpture III. 4

BIOLOGY

BIOL 104. Topics in Biology Seminar. 1-4 credits.

BIOL 125. Basic Human Physiology. 4 credits.

The study of the human body is fascinating and understanding how our bodies function can help students make better decisions about their own long term health. In this course, students will be exposed to some of the fundamental physiological aspects of their body systems including the skeletal, muscular, cardiovascular, respiratory, nervous,

BIOL 145. Introductory Wildlife Management. 4 credits.

While a wildlife manager in Mississippi is trying to increase deer browse in a bottomland hardwood forest, a wildlife manager in suburban Chicago spends her nights with a silenced rifle trying to curb urban deer populations, a publically-held resource. Although the goals of wildlife management may be drastically different, they revolve around only three

BIOL 201. Biological Literacy. 2 credits.

A study of common sources, methods, and techniques used in scientific writing and in presenting biological literature. There will be a strong emphasis on bibliographic sources as well as written presentation of biological material. Learning professional skills such as writing curriculum vitae and personal statements and biological root words will also be included. May be writing intensive. Required for all Biology majors. Every semester; meets for one half-semester. Prerequisites: BIOL 170 and BIOL 180.

BIOL 202. Principles of Evolution. 2 credits.

The course, similar to its complementary course 201, will introduce students to skillsets used by practicing biologists (literature search, the ability to read and understand peer-reviewed articles, data summation, analysis, and in

BIOL 238. Entomology. 5 credits.

BIOL 248. Comparative Communities - Bahamas. 5 credits.

Course designed to acquaint the student with the environmental factors, both ancient and modern, that influence terrestrial and aquatic biological community composition and distribution. The course is offered during the summer session and entails extended field work in The Bahamas. Prerequisites: BIOL 170 and BIOL 180. May be writing intensive. Alternate years (summer session).

BIOL 250. Topics in Biology. 1-5 credits.

The study of selected topics relating the student to natural, biological phenomena. Topics vary with instructor. The course counts toward a major in biology. This course may be repeated for credit. Prerequisites: BIOL 170 and BIOL 180.

BIOL 258. Extended Field Studies. 0-2 credits.

Associated with several courses are extended field study trips lasting four to five days. During this period the student spends 8 to 12 hours per day in specimen and data collection and analysis. Prerequisites: BIOL 170 and BIOL 180. Every year.

BIOL 310. Molecular Biology. 5 credits.

BIOCHEMISTRY/MOLECULAR BIOLOGY

BMB 400. Primary Literature Seminar. 2 credits.

A series of papers from the current research literature will be presented and discussed by the members of the seminar. This will give students the opportunity to learn to see how concepts and techniques that have been introduced in previous courses are actually applied in a contemporary research project. Papers will be selected in consultation with the faculty member, and the focus of the seminar will alternate from year to year between molecular biology and biochemistry. Students may take this seminar twice for credit; 2 credits count toward the BMB major. Prerequisites: Biochemistry/Molecular Biology major or minor. Must have previously completed either CHEM 271 Biochemistry or BIOL 310 Molecular Biology and have permission of the instructor. Every year.

BUSINESS

BUSN 101. Business Fundamentals. 4 credits.

This course will acquaint students with business fundamentals across all areas of business. Students will be tested on their ability to learn and apply these theories to historical and current situations using articles from the Wall Street Journal (WSJ). The course will have a strong emphasis on strategy, communication, problem solving, and teamwork. Professional levels of written and oral communication will be required. Every year.

BUSN 200. Entrepreneurship. 4 credits.

BUSN 365. Managing Effective Organizations. 4 credits.

This course explores the theories and concepts behind understanding, managing, and leading others in organizations and links those theories and concepts to specific human resource management techniques. For instance, in order to make good hiring decisions, managers need to know what characteristics (e.g., personality) predict job performance, how person-job fit affects outcome variables (e.g., job performance and turnover), and how to avoid biases (e.g., stereotypes) in the selection process. This course is geared toward all potential managers regardless of the specific field. Prerequisite: ACCT 225. Every year.

BUSN 370. Business Law. 4 credits.

First course in law that introduces legal thought, legal analysis and court systems. Emphasizes preventative law, i.e., avoidance of legal conflict, and develops a liability approach with a focus on criminal, tort and contract law. The case method approach is used to develop and apply legal principles. Prerequisite: Junior standing. May be writing intensive. Every year.

BUSN 381. Applied Business I. 1-5 credits.

CHEMISTRY

CHEM 100. Chemistry and Society. 4 credits.

Designed to introduce the study of chemistry to the non-science major. Particular focus on science and society connec

CHEM 271. Principles of Biochemistry. 4 credits.

Introduction to the study of structural biochemistry and metabolism. Emphasis on the chemistry of macromolecules (including proteins, lipids, carbohydrates and nucleic acids) involved in physiological processes. Enzyme kinetics, thermodynamics, acid-base and redox chemistry are discussed in the biochemical setting. The pathways of metabolism, including but not limited to glycolysis, gluconeogenesis, the citric acid cycle, oxidative phosphorylation and photosynthesis, are studied at a level allowing for an understanding of the chemical principles of catabolism and anabolism along with the regulation of the network of different pathways. Amino acid and nucleotide metabolism are also discussed. Prerequisites: CHEM 201 and BIOL 170. Every year.

CHEM 281. Analytical Chemistry. 5 credits.

CHEM 352. Quantum Chemistry and Spectroscopy. 5 credits.

This course is an introduction to the physical chemistry principles that concern the structure of individual atoms and molecules. The foundations of quantum mechanics are explored by developing model systems and then applying them to atoms and molecules. There is an emphasis on the analysis of complex problems, the collection of experimental data, and the improvement of scientific communication skills, both oral and written. Laboratory required. May be writing intensive. Prerequisites: CHEM 281, MATH 202, PHYS 203. Recommended: MATH 215. Alternate years.

CHINESE

CHIN 100. Introduction to Chinese Culture. 4 credits.

Introduction to Chinese culture from ancient to modern times, aiming at providing students with fundamental knowledge of this Asian civilization. Students will learn aspects of Chinese history, literature, art, philosophy, religion and government by reading primary sources in English translations. Taught in English. Every year.

CHIN 111. Beginning Chinese I. 4 credits.

Introduction to spoken Putonghua and the Chinese writing system. Mastery of 250 characters and compounds expected. Every year.

CHIN 112. Beginning Chinese II. 4 credits.

Continuation of CHIN 111. Mastery of another 300 characters and compounds expected. Prerequisite: CHIN 111 or its equivalent. Every year.

CHIN 130. Chinese Topics. 4 credits.

Topics, chosen by the instructor, designed to be of interest to the entire campus community. Taught in English, reading in English. Some sections may be writing intensive. This course may be repeated for credit.

CHIN 151, Modern Chinese Film and Fiction, 4 credits.

Survey of film and fiction in 20th century China. Intended for students with no previous knowledge of the subject matter. Taught in English. Every year.

CHIN 211. Intermediate Chinese I. 4 credits.

Emphasis on vocabulary acquisition and grammatical competency. Classes are conducted in spoken Putonghua. 90 minutes of independent work in the Language Learning Center are required. Prerequisite: CHIN 112. Every year.

CHIN 212. Intermediate Chinese II. 4 credits.

Continuation of 211. 90 minutes of independent work in the Language Learning Center are required. Prerequisite: CHIN 211. Every year.

CHIN 230. Chinese Topics. 1-6 credits.

Topics, chosen by the instructor, designed to be of interest to the entire campus community. Taught in English or Chinese as designed by the instructor. Some sections may be writing intensive. Offered as need arises. This course may be repeated for credit. Students may be awarded 5 or 6 credits for study abroad only.

CHIN 270. Cultures and Languages Across the Curriculum Module. 1 credit.

Selected courses in several disciplines present students the opportunity to do additional research in a second language and earn a credit for that work. Students will work with a faculty member in the Language Department to design and complete a project that supports learning in the course offering the Cultures and Languages Across the Curriculum (CLAC) option. Students must register both for a course offering the CLAC option and for the CLAC module. CLAC modules allow students the opportunity to enrich their learning by acquiring cross-cultural perspectives on the acquisition of knowledge in various disciplines. Students also acquire practice in using their language skills to explore different disciplines. Students assessed at the intermediate level of language competency may register for a 270 module; students with advanced skills may register for a 370 module. Prerequisite: A language course numbered 150 or above and concurrent enrollment in a non-language course offering the Cultures and Languages Across the Curriculum option.

CHIN 311. Directed Reading of Chinese Newspapers. 4 credits.

Emphasis on tactics and skills of reading Chinese newspapers. Class work is conducted in Chinese. Prerequisite: CHIN 212 or permission of instructor. Every year.

CHIN 312. Directed Readings of Chinese Literature. 4 credits.

Intensive study of pieces representative of Republican and Communist style literature. Focus primarily on modern fiction. Prerequisite: CHIN 311 or permission of instructor. Every year.

CHIN 330. Chinese Topics. 4 credits.

Topics, chosen by the instructor, designed to be of interest to the entire campus community. Taught in English, readings in English. May be writing intensive. Offered as need arises. This course may be repeated for credit.

CHIN 370. Cultures and Languages Across the Curriculum Module. 1 credit.

Selected courses in several disciplines present students the opportunity to do additional research in a second language and earn a credit for that work. Students will work with a faculty member in the Language Department to design and complete a project that supports learning in the course offering the Cultures and Languages Across the Curriculum (CLAC) option. Students must register both for a course offering the CLAC option and for the CLAC module. CLAC modules allow students the opportunity to enrich their learning by acquiring cross-cultural perspectives on the acquisition of knowledge in various disciplines. Students also acquire practice in using their language skills to explore different disciplines. Students assessed at the intermediate level of language competency may register for a 270 module; students with advanced skills may register for a 370 module. Prerequisite: A language course numbered 150 or above and concurrent enrollment in a non-language course offering the Cultures and Languages Across the Curriculum option.

CHIN 380. Methods for Teaching and Tutoring World Language. 2 credits.

Introduction to the history and methodology of world language instruction and its relationship to theories o

CINEMA STUDIES

CINE 200. Introduction to Cinema Studies. 4 credits.

CINE 200 introduces students to cinema as an art form and as an industry. The course introduces students to a technical vocabulary for the expressive elements of film, including mise-en-scene, cinematography, editing, and sound, among others. CINE 200 also provides an overview of how cinema has developed as a medium and as an industry and provides an overview of genres and types of film, including narrative, documentary, animated, short films, etc. Moreover, the course traces major trend

COMMUNICATION & DIGITAL MEDIA

CMDM 101. Introduction to Communication. 4 credits.

An introduction to the study of communication in practical and releva communication, organizational communication, small-group commu

CMDM 120. Topics in Communication. 1-4 credits.

Includes courses exploring communication processes and/or appliq writing intensive.

CMDM 151. Television History. 4 credits.

Introduces students to the history of television as a medium of c delivery, the economics of its industry, and the history of differe

CMDM 190. Public Speaking. 4 credits.

Addresses basic theoretical principles of effective public speaki content, organization, audience analysis, ethics, language, and presentations, some requiring the use of PowerPoint. Every ye

CMDM 201. Communication Theory. 4 credits.

Introduction to communication theory in various contexts of media, rhetoric). May be writing intensive. Prerequisite: CMD

CMDM 202. Interpersonal Communication. 4 credits.

Introduces message production and interpretation, the proceed mediated contexts. The primary objective of this course is to behaviors are basic to our character as human beings and the

CMDM 205. Media Literacy. 4 credits.

Introduces students to media studies with special emphasis placed on developing critical interpretations of mass and digitally communicated messages. Examines topics such as the origins of mass communication systems, the audience, the current structure of media industries, and message content. Every year.

CMDM 206. Reasoning and Communication. 4 credits.

Study of and practice in practical reasoning, critical thinking, listening, reading, writing, speaking and relational skills, and informed deliberation of critical contemporary issues. Every year.

CMDM 220. Topics in Communication. 1-6 credits.

Courses entail an exploration of topics in communication studies in areas such as rhetoric, medi-,mrPersonahm(P)6(T

CMDM 301. Critical Methods. 4 credits.

Develops students' abilities to describe, analyze, interpret, and evaluate messages using the scholarly methods of the communication critic. Students review and apply multiple critical approaches (e.g., Neo-Aristotelian, semiotics, and ideological criticism). May be writing intensive. Prerequisites: CMDM 101 and CMDM 201; or permission of instructor. Every year.

CMDM 320. Topics in Interpersonal Communication. 4 credits.

Advanced seminar courses a) analyzing the relationship between one's culture and one's communication practices and b) exploring communication processes in a variety of relationships and

COMPUTER SCIENCE

COMP 285. Theory of Computation. 4 credits.

Covers topics in the theory of computation. Topics include the study of finite state machines, pushdown automata, linearly bounded automata, Turing machines, languages, phase-structure grammars (regular, context-sensitive, unrestricted), parsing, decidability, computability, computational complexity, and the Chomsky Hierarchy. Prerequisite: COMP 171 and COMP 250. Usually offered in alternate years.

COMP 290. Databases. 4 credits.

This course covers database design and the use of databases in applications. It includes coverage of the relational mode and the use of SQL to insert, retrieve, and manipulate relational data. Methods of organization will be outlined, including normal forms and entity-relationship diagrams. Other select topics include security, backup and recovery, and NoSQL techniques. Prerequisite: COMP 150.

COMP 295. Introduction to Networking. 2 credits.

The principles and practices of computer networking. Topics include network terminology, topology, local- and wide-area networks, the OSI model, routing, TCP/IP and other protocols, congestion, and quality of service. Prerequisites: COMP 150, and a co-

DATA SCIENCE

DATA 100. Data Literacy. 4 credits.

How to critically consume data-based arguments and statistical results from scientific studies, news media, and popular culture. Designing and carrying out simple data-based studies, organizing and summarizing the resulting data visually and numerically, and communicating the results of simple statistical analyses. Data ethics, limitations of statistical methods. Prerequisite: Math Placement Level 2 or higher RECOMMENDED. (Note: DATA 100 is not intended to satisfy the needs of any major/minor programs requiring an introductory statistics course.)

DATA 209. R for Statistics. 1 credit.

Introduction to the R programming environment for statistical analysis and data science. Implementation in R of all analyses from standard intro stat courses. Data acquisition, data visualization, statistical inference, documenting

DATA 337. Statistical Design. 4 credits.

Whereas an introductory statistics sequence focuses primarily on exploratory and formal analysis of data that have already been observed, this course focuses primarily on how to design the comparative observational and experimental studies in which data are collected for formal analysis. Students will learn: (1) to choose sound and suitable design structures; (2) to recognize the structure of any balanced design built from crossing and nesting; (3) to assess how well standard analysis assumptions fit the given data and to choose a suitable remedy or alternative when appropriate; (4) to decompose any balanced dataset into components corresponding to the factors of a design; (5) to construct appropriate interval estimates and significance tests from such data; and (6) to interpret patterns and formal inferences in relation to relevant applied context. Students are required to collaborate on projects in which they design studies, collect and

EAST ASIAN STUDIES

EAST 100. Introduction to East Asia: Continuity and Change. 4 credits.

Introductory survey of the societies of China, Japan and Korea. Primarily designed for the student with no background knowledge of East Asia, this course examines the broad themes that shape these countries. Every year. May be writing intensive.

EAST 190. Topics in East Asian Studies. 2-4 credits (1-8 credits

ECONOMICS

ECON 110. Economic Issues. 2-4 credits.

ECON 315. Labor Economics. 4 credits.

Explores the determinants of the supply of and demand for labor, wages and working conditions, and the productivity of labor. It is concerned with both the microeconomic decision making of individuals, households, and firms, and the macroeconomic outcomes of their decisions. This course will explore contemporary issues relating to labor markets, including public policy debates over discrimination, affirmative action, and government regulation. Prerequisite: ECON 200. Alternate years.

ECON 320. History of Economic Thought. 4 credits.

Study of the ideas of great economists and the evolution of economic analysis. Prerequisites: ECON 200. May be writing intensive. Alternate years.

ECON 330. International Trade and Finance. 4 credits.

Study of the principles governing the gains from international trade, the effects of international trade restrictions, and fluctuations in exchange rates and the impact of international trade on domestic employment and inflation. Attention will also be given to international economic institutions and their policies. Prerequisites: ECON 200 and MATH 120 or its equivalent. Alternate years.

ECON 340. Public Finance. 4 credits.

Examination of government revenue and expenditure policies and their consequences for the allocation of public goods, income distribution, employment and the price level. Prerequisite: ECON 200. May be writing intensive. Every year.

ECON 350. Environmental and Natural Resource Economics. 4 credits.

Examines economic approaches to coping with environmental problems and natural resource scarcity. Emphasis is given to the clear definition and enforcement of property rights as a means to avoid environmental problems. Models for pricing various renewable and nonrenewable natural resources are explored. The role of population change in environmental and natural resource issues is considered. Prerequisites: ECON 200 and MATH 120 or its equivalent. May be writing intensive. Alternate years.

ECON 360. Industrial Organization. 4 credits.

Study of theories of industry structure and performance in markets that do not meet the assumptions of perfect competition. Monopoly, monopolistic competition, and various models of oligopoly are covered. Prerequisites: ECON 200 required. ECON 280 or ECON 310 recommended. May be writing intensive. Alternate years.

ECON 365. Law and Economics. 4 credits.

Since the early 1980s, a new field has emerged that closely connects economic analysis and legal analysis in some core areas of both the private law (property, contracts, and torts) and the public law (civil procedure and criminal law procedure), as well as constitutional law, bankruptcy law, securities regulation, and more. This course is an introduction to the scholarship associated with this new field. Prerequisite: ECON 310 or permission of the instructor. Alternate years.

ECON 390. Advanced Topics. 1-4 credits.

Study at an advanced level of some topic of current interest in economics. Prerequisites: ECON 200 and permission of instructor. Some sections may be writing intensive. This course may be repeated for credit.

ECON 400. Senior Seminar in Economics. 4 credits.

This capstone course for both the Economics and Financial Economics majors requires students to synthesize their knowledge of economics by applying rigorous economic analysis to contemporary policy issues or historical questions of interest. Depending on instructor and student preferences, the course may take different forms, including: A series of short papers and student presentations based on current issues in economics and political economy, a semester-long research project culminating in a thesis, or a hybrid form, with some students opting for shorter papers and others a major project. Some sections may require group work culminating in papers and presentations. In any event, students will be expected to apply economic theory and use econometrics to examine economic questions. Grades will be based on the quality of papers, presentations, and class participation.

ECON 490. Independent Study. 1-4 credits.

Some sections may be writing intensive. Prerequisites vary. This course may be repeated for credit.

ECON 491. Internship. 1-4 credits.

Requires at least one semester of work in some capacity related to the economics profession in either the private sector or government. Over the following semester the student writes a research paper related to the work experience. Prerequisites: ECON 200, ECON 310 and ECON 311. May be writing intensive. Every year. This course may be repeated for credit.

ECON 499. Honors Thesis/Project. 1-5 credits.

Prerequisite: 3.50 GPA, permission of the department chair.

EDUCATION

EDUC 103. Sociological Perspectives in Education. 4 credits.

An examination of the foundations of education and teaching as conceived through a sociological perspective. The course develops theoretical and practical perspectives by considering different models for studying and analyzing social problems and by considering cases and disputes emerging from the daily practice of teaching. The course considers the social and institutional roles of parents, teachers, administrators, and other stake-holders in public education. A minimum of 10 hours of field experience is required. May be writing intensive. Every Semester.

EDUC 104. Philosophical Perspectives in Education. 4 credits.

An examination of the foundations of education and teaching through philosophical perspectives and analysis of texts. Fundamental quest

EDUC 220. History of Women in Education. 2 credits.

This course surveys the historical foundation of education from its early beginnings in Europe, through its establishment in colonial America, and continue with its evolution to the present system of education in the United States. This

EDUC 313. Literacy Practicum. 1 credit.

Integrate and apply knowledge of disciplinary literacy practices in schools. Conduct observations, writing content area lessons, implement small group/whole group lessons in grades 7-12. Incorporate practices that provide support for students comprehending texts, discussing, writing, understanding academic vocabulary. Evaluation and formative feedback provided by instructor. Meets for instructional and reflective discussions. Prerequisite: Concurrent registration in EDUC 312. Every Year.

EDUC 321 Elementary Math Methods. 4 credits.

This course is designed for education majors seeking licensure in elementary education and/or intervention specialist. Teacher candidates will examine the principles, standards, methods, and materials used to help young learners develop an understanding of mathematics in the elementary classroom. Candidates will learn to deliver a cohesive sequence of lessons based on assessments, establish classroom norms, and foster student motivation. A minimum of 20 field experience hours is required. Prerequisite: Admission to the Teacher Education Program. Every Semester.

EDUC 323 Elementary Language Arts Methods. 4 credits.

This course includes an in-depth exploration of the reading process, emphasizing the reciprocal nature of reading and

EDUC 387. Mathematics Practicum. 1 credit.

This is a field-based course that provides students the opportunity to integrate and apply knowledge of best practices for mathematics in selected local schools. Students will be conducting observations, writing mathematics lesson plans, and implementing small group/whole group mathematics lessons in local school classrooms. Prerequisite: Concurrent enrollment with EDUC 347. Every Other Year.

EDUC 444. Social Studies in the Upper Elementary Grades. 2 credits.

Overview of Social Studies content and curriculum in Ohio's 4th-5th grade classrooms. Topics include geography, world history, U.S. history, Ohio history, government, citizenship, democracy, economics, and social studies as inquiry and processes. Special focus on developmentally appropriate pedagogy. A minimum of 10 field experience hours is required. Prerequisite: Admission to the Teacher Education Program. At least every third term.

EDUC 445. Principles, Practices and Learning in Grades 4-6. 2 credits.

Developmental, socio-cultural, and pedagogical foundations related to schooling in grades 4-6 are explored in

ENGLISH

ENGL 100. Introduction to College Writing and the Culture of the United States for Non-native Speakers of English. 4 credits. Preparation to take courses that count toward the General Education writing requirement andoun

ENGL 343. Topics in Advanced Screenwriting. 2-4 credits.

Topics may include writing for television, for film, for the web, for video games, for the documentary, among others. Class activities will include reading and discussing the format and structure of screenplays as well as extensive workshop critiques of students' own work. May be repeated for credit once if the focus is different. Prerequisite: ENGL 240; THDN 240 strongly recommended. Dependent on instructor availability. Words at Work category.

ENGL 344. Summer Screenwriting Institute. 4 or 6 credits.

This course combines workshopping and individual conferences with instruction by professional screenwriters and producers in writing with an understanding of production considerations. Prerequisite: Permission of the department. Words at Work category.

ENGL 350. Studies in Medieval Literature and Culture. 4 credits.

ENGL 405. Senior Exercises. 1 credit.

A suite of interconnected activities demonstrating understanding of and reflection on the learning goals of the English major. Includes oral presentation at the Senior Symposium and the preparation of an e-portfolio that includes a resume, reflective letter, and examples of student writing. Prerequisites: ENGL 270, ENGL 280, ENGL 290, at least 8 credits of 300-level literature seminars, and English major.

ENGL 406. Capstone in Creative Writing. 1 credit.

Revision of major work or collection of shorter works from previous creative writing course and participation in a public reading. Includes preparation of a portfolio of writing within a single genre, multiple genres, or blended genres (fiction, poetry, scriptwriting, and/or creative nonfiction). Students will work individually with creative writing faculty to develop and polish their writing for publication submission and movement toward further study and/or career options. Required of and open to senior creative writing minors only. Every year.

 $ENGL\ 4908.68\ Tm8TO(v)-4(el)11(o)-5(p)3(\)]TJETQq0.00000912\ 0\ 612\ 792\ reW*\ nBT/F1\ 00912\ por\ wt\ 36\ 587.14\ Tm0\ g0\ G\ (\)]TJETQq0.00000912\ 0\ 612\ 792\ reW*\ nBT/F1\ 00912\ por\ wt\ 36\ 587.14\ Tm0\ g0\ G\ (\)]TJETQq0.00000912\ 0\ 612\ 792\ reW*\ nBT/F1\ 00912\ por\ wt\ 36\ 587.14\ Tm0\ g0\ G\ (\)]TJETQq0.000000912\ 0\ 612\ 792\ reW*\ nBT/F1\ 00912\ por\ wt\ 36\ 587.14\ Tm0\ g0\ G\ (\)]TJETQq0.000000912\ 0\ 612\ 792\ reW*\ nBT/F1\ 00912\ por\ wt\ 36\ 587.14\ Tm0\ g0\ G\ (\)]TJETQq0.000000912\ 0\ 612\ 792\ reW*\ nBT/F1\ 00912\ por\ wt\ 36\ 587.14\ Tm0\ g0\ G\ (\)]TJETQq0.000000912\ 0\ 612\ 792\ reW*\ nBT/F1\ 00912\ por\ wt\ 36\ 587.14\ Tm0\ g0\ G\ (\)]TJETQq0.000000912\ 0\ 612\ reW*\ nBT/F1\ 00912\ por\ wt\ 36\ 587.14\ Tm0\ g0\ G\ (\)]TJETQq0.000000912\ 0\ 612\ reW*\ nBT/F1\ 00912\ por\ wt\ 36\ 587.14\ Tm0\ g0\ G\ (\)]TJETQq0.000000912\ 0\ 612\ reW*\ nBT/F1\ 00912\ por\ wt\ 36\ 587.14\ Tm0\ g0\ G\ (\)]TJETQq0.000000912\ 0\ 612\ reW*\ nBT/F1\ 00912\ por\ wt\ 36\ 587.14\ Tm0\ g0\ G\ (\)]TJETQq0.000000912\ 0\ 612\ reW*\ nBT/F1\ 00912\ por\ wt\ 36\ 587.14\ Tm0\ g0\ G\ (\)]TJETQq0.000000912\ 0\ 612\ reW*\ nBT/F1\ 00912\ por\ wt\ 36\ por\ nBT/\ nBT/\$

ENVIRONMENTAL STUDIES

ENVS 490. Independent Study. 1-4 credits.

ENVIRONMENTAL SCIENCE

ESCI 100. Global Climate Change. 4 credits.

This course will examine the science of global climate change and human-introduced climate forcing. It will survey the environmental impacts of global climate change and what this means for the habitability of the earth for humans and other species. Topics will include global climate, stakeholder analysis related to energy use and global climate change,

ESCI 350. Biogeochemistry. 5 credits.

Biogeochemistry is designed to highlight the field, lab, and analytical methods used by environmental scientists, geologists, biologists, and chemists to evaluate controls on elemental cycling and fluxes. Prerequisite: CHEM 121.

ESCI 490. Independent Study. 1-4 credits.

Individual study of an environmental topic or problem not normally covered in the curriculum. Requires permission of the director of the Environmental Science Program and the supervising faculty member. Open only to environmental majors and minors. This course may be repeated for credit.

ESCI 491. Internship. 1-4 credits.

Work-study opportunity to experience the multidisciplinary nature of practical environmental problems, to relate course material to these problems, and to observe decision-making processes associated with their solution. Requires permission of the director of the Environmental Science Program and the supervising faculty member. Open only to environmental majors and minors. This course may be repeated for credit.

ESCI 492. Directed Research. 1-4 credits.

Investigation of an environmental issue or problem by laboratory or field observations, experimentation, data collection, and analysis. Requires permission of the director of the Environmental Science Program and the supervising faculty member. Open only to environmental majors and minors. This course may be repeated for credit.

ESCI 494. Senior Seminar. 2 credits.

Senior Seminar is required for all environmental science majors during their senior year. Students share their capstone experience, involving project work, independent research, or professional experience in environmental science, as part of a broader discussion of existing and emerging environmental issues and problems, methods of analysis, integration of interdisciplinary knowledge, and ethical issues associated with their study. Students will prepare and present posters pertaining to their capstone experience in a poster symposium. May be writing intensive. Prerequisite: Environmental Science major with senior standing and permission of the instructor. Every year.

ESCI 499. Honors Thesis/Project. 1-4 credits.

Prerequisite: 3.50 GPA and permission of the program director.

FRENCH

FREN 111. Beginning French I. 4 credits.

Emphasis on elementary grammar, vocabulary building, reading, writing, speaking, listening comprehension, and francophone cultures. Open only to beginners except by permission. Offered at least every other year. 90 minutes attendance required weekly in the Language Learning Center.

FREN 112. Beginning French II. 4 credits.

A continuation of FREN 111. Emphasis on elementary grammar, vocabulary building, reading, writing, speaking, listening

FREN 403. Thèmes dans l'histoire intellectuelle française. 4 credits.

This is a content-based course that addresses various aspects of French intellectual history using materials drawn from a number of academic disciplines. Actual topics will vary from year to year, and can range from "Literature and the Plastic Arts in Nineteenth- Century France" to "Existentialism and Twentieth Century French Film." Prerequisite: 4 credits at the 300-level. Offered alternate years.

FREN 490. Independent Study. 1-4 credits. This course may be repeated for credit.

FREN 491. Internship. 1-4 credits. This course may be repeated for credit.

FREN 495. Field experience in World Language Education. 2 credits.

A half-semester field experience of observation and supervised teaching of Spanish at the high school level. Open to French, German, and Spanish majors accepted in a teaching licensure program. Prerequisites: 8 credits in coursework taught in the target language at the 200-level. Must be taken concurrently with FREN 380. Offered as needed.

FREN 499. Honors Thesis/Project. 1-4 credits.

Prerequisite: 3.50 GPA and permission of the department chair.

FIRST YEAR SEMINAR

XXX-FYS. First Year Seminar. 4 credits.

The First Year Seminar is a 4-credit class that provides an introduction to Wittenberg, to campus resources, and the foundational skills and expectations of college level courses. FYS also engages students in thinking about a problem facing society. Individual sections will be offered by a variety of departments each year that will have section-specific descriptions. Students will work with peers, faculty, and campus resources to engage meaningfully with the problem and society as a whole.

GEOLOGY

GEOLOGY 110 SERIES: The Geology 110 series is a series of introductory courses in physical geology that address disciplinary or topical interests of the instructors teaching them or current issues of interest to faculty or students. These courses are intended for the non-science student. Any one of these courses will count as credit toward the major and serve as prerequisite for upper level courses.

GEOL 110. Introductory Geology. 4 credits.

Intended for the non-science student. Emphasis on concepts and methodology of the science of geology and its application to problems of human concern about the earth. A score of 22 on the Math Placement Exam is strongly recommended. Every year.

GEOL 112. The Hydrologic Cycle. 4 credits.

Intended for the non-science student. Study of concepts and methodology related to the hydrologic cycle, the role of water in shaping Earth's surface and shallow subsurface, and its significance to humans and the environment. A minimum score of 22 on the Math Placement Exam is strongly recommended. Every year.

GEOL 114. Geology of the National Parks. 4 credits.

Intended for the non-science student. Focuses on understanding geologic processes and interpreting geologic history through case studies of several National Parks. Math Placement score of 22 or above strongly recommended. Offered subject to demand and availability of an instructor.

GEOL 115. Topics in Physical Geology. 4 credits.

Intended for the non-science student. Study of selected topics related to physical geology. Topics covered vary according to disciplinary interests of the instructor or current issues in physical geology. Offered subject to demand and availability of an instructor.

GEOL 116. Time Earth. 4 credits.

Intended for the non-science major. This course explores significant processes and events in Earth's history, including plate tectonics, the origins of the planet and life, mass extinctions, and glaciations. Every year.

GEOL 150. Physical Geology. 5 credits.

Treatment of geologic processes acting on and within the earth and the physical laws that govern them. Intended for science and geology students and anyone else interested in a more comprehensive treatment of the subject. A score of 22 on the Math Placement Exam is strongly recommended. Every year.

GEOL 151. Physical Geology Lab Practicum. 1 credit.

Laboratory portion of GEOL 150. Available for students who have completed a course in the Geology 110 series (GEOL 110-GEOL 115) and wish to take advanced geology courses or major in Geology or Earth Science. Students who have completed GEOL 160 and wish to major in Geology or Earth Science are also required to take this course. Prerequisites: GEOL 160 or one course from the Geology 110 Series, and permission of the department chair. A score of 22 on the Math Placement Exam is strongly recommended. Will meet for one 3-hour lab per week. Offered subject to demand and availability of an instructor.

NOTE: Students may not enroll in more than one of the following introductory geology courses: GEOL 110-GEOL 115, GEOL 150, or GEOL 160. Any one of these courses may serve as an introductory course for the major or as a prerequisite for upper-level courses.

GEOL

GEOL 322. Tectonics. 4 credits.

Study of the large-scale motion (tectonics) of Earth's segmented lithosphere (plates). Examination of the fundamentals of rock deformation, modern plate tectonic settings and resultant features, application to ancient plate tectonic settings, and the effects of tectonics on the Earth system. Prerequisite: Any 100-level Geology course. Every Other Year, Spring Semester.

GEOL 340. Earth History. 5 credits.

The objectives of the course are to (1) develop the skills, and learn to use the tools with which to decipher Earth's history, and (2) learn the general history of Earth and its life forms (as preserved in the fossil record) with emphasis on North America. Prerequisite: GEOL 150, GEOL 160 and GEOL 151, or one course from the Geology 110 Series and GEOL 151, and GEOL 260. May be writing intensive. Alternate years.

GEOL 392. Junior Seminar. 1 credit.

Required of all Geology majors during the spring semester of their junior year. The purpose of this course is to prepare students in the skills necessary for them to conduct their senior research and to produce a written proposal for that research. Prerequisite: Junior standing. Every year.

GEOL 412. Igneous and Metamorphic Petrography. 5 credits.

Introduction to phase diagrams and the study of igneous and metamorphic rocks emphasizing their origin, classification and identification. Megascopic and microscopic techniques emphasized. Prerequisite: CHEM 121. Alternate years.

GEOL 460. Geology Seminar. 1-5 credits.

Exploration of topics beyond the scope of regularly offered courses or collaborative research experience. Prerequisite: permission of supervising instructor. Offered as the need arises. This course may be repeated for credit.

GEOL 490. Independent Study. 1-6 credits.

Individual research on a specialized topic or problem pertaining to some aspect of geology of special interest to the student. Prerequisite: Permission of supervising instructor. This course may be repeated for credit.

GEOL 491. Internship. 1-4 credits.

Generally an off-campus work-study experience in a geological setting. Permission and approval must be granted by the Geology Department. This course may be repeated for credit.

GEOL 492. Senior Seminar. 1 credit fall semester, 1 credit spring semester.

Required of all Geology majors during their senior year. Each student works on a research project under the supervision of a faculty member. The project culminates in a written thesis, a public poster presentation, and a public oral presentation. Each student registers for this course during both semesters, 1 credit in the fall and 1 credit in the spring. Prerequisite: Senior standing and completion of GEOL 392 Junior Seminar. Every year. May be writing intensive.

GEOL 499. Honors Thesis/Project. 0-4 credits.

Prerequisite: 3.50 GPA and permission of the department chair.

GERMAN

GERM 105. German for Professionals I. 4 credits.

The foundation course of the two-course series designed to meet the needs of professional learners by allowing them to demonstrate competency in German while incorporating their professional interests into their language learning. The course and classroom experience are designed to accommodate the lifestyle of adult/non-traditional students, and therefore enrollment is limited to those students.

GERM 106. German for Professions II. 4 credits. Continuation of GERM 105. Instruction in GERM 106 is more hi GERM 262. Einführung in die Kunst des Übersetzens (Introduction to the Art of Translation). 2 credits. An introduction to the theory and practice of good translation, including a consideration of the demands of translating different types of texts and a consideration of the broader cultural issues inherent in the practice of translation. Review of advanced grammar topics as well. Alternate years. Prerequisite: GERM 112 or placement at the 200

GERM 362. Naturwissenschaften und Mythos: die Nachtseite der Naturwissenschaften (Natural Sciences & Mythos – Science & Imagination). 4 credits.

The course explores the connections between natural sciences and culture, emphasizing ways in which scientific advances both influence and reflect cultural developments. Students will explore connections between the arts and the sciences and between inspiration, creativity and theories of nature as they examine ways in which the scientific and cultural imagination intersect to frame our understanding of our place in the world. May be writing intensive.

Prerequi(v)6(e)4(y)-3kfrending of o .re, empstiences and between i0cwgr understanding of our place 57 Stu4 Tf1 0 0 1 36 691.9 (i

<u>GREEK</u>

GREE 111. Elementary Classical Greek. 4 credits.

Emphasis on grammar, exercises and selected readings. Intended for the beginner. Every third year, depending on interest.

GREE 112. Intermediate Classical Greek. 4

HEALTH SCIENCE

HEAL 490. Clinical internship. 0-4 credits.

Note: must receive final evaluation by at least one member of the Health Science Committee in order to satisfy this minor requirement. Prerequisites: junior or senior standing, completion of the Civic Engagement requirement, and permission of the Clinical Internship Director.

HEAL 492. Directed medical research. 0-4 credits.

Note: must receive final evaluation by at least one member of the Health Science Committee in order to satisfy this minor requirement.

HSS 222. Sport Marketing. 4 credits. Sport Marketing is an essential element of the sport industry. It includes aspects of promotions, marketing research,

HISTORY

HIST 101. Topics in History. 2 to 4 credits.

Topics in history. May be repeated for credit.

HIST 105. Pre-Modern World History. 4 credits.

Investigation of significant ideas, people, events and problems in the pre-modern world. Every year.

HIST 106. Modern World History. 4 credits.

Investigation of significant ideas, people, events and problems in the modern world. Every year.

HIST 110. Ancient Mediterranean Worlds. 2-4 credits.

Course examines religious and philosophical thought, the evolution of language, the archaeology of urban and nomadic communities, and the political events that defined the empires of the ancient Mediterranean world. Alternate years.

HIST 111. Medieval Europe. 4 credits.

Survey of important historical events, developments and people of medieval Europe from the end of the ancient world to 1500. Every year.

HIST 112. Modern Europe. 4 credits.

Survey of significant ideas, people, events and problems in European history from the 1500s to the present. Every year.

HIST 113. Reformations and Revolutions. 4 credits.

Introduction to the history of early modern Europe, with emphasis on the religious reformations of the sixteenth century and the political and scientific revolutions of the seventeenth and eighteenth centuries. Some sections may be writing intensive. Alternating years.

HIST 121. United States History I. 4 credits.

Study of the United States from colonial times through Reconstruction. Every year.

HIST 122. United States History II. 4 credits.

Study of the United States from Reconstruction to the present. Every year.

HIST 127. U.S. History since 1945. 4 credits.

Study of the United States from World War II to the present. Every year.

HIST 129. American Film. 4 credits.

Survey of American film and the film industry since the 1890s. Topics include the silent film era; the rise of the studio

HIST 161. Pre-Modern East Asia. 4 credits.

Survey of the history of East Asia's three major countries – China, Japan and Korea – from earliest times until the beginning of the 17th century. The focus is on culture and thought, as well as major political developments. Alternate years.

HIST 162. Modern East Asia. 4 credits.

Survey of the history of East Asia's three major countries – China, Japan, and Korea – from the 17th century to the present. The focus is on the response of these countries to the challenges of an increasingly global world. Alternate years.

HIST 170. Topics in African History. 4 credits.

Exploration of various dimensions of African history. May be repeated for credit. Every year

HIST 172. African Societies Since 1500. 4 credits.

Course explores African political, cultural, religious, and economic institutions since 1500. Alternate years.

HIST 173. History of South Africa. 4 credits.

Course considers the struggle for equality in South Africa from a historical perspective. Alternate years.

HIST 175. Genocide in Post-Colonial Africa. 4 credits.

This class will not seek to run from these events, but rather will endeavor to discover whether their causes are more complex than "tribalism." We will look deeper into the underlying issues of imposed borders, uneven distribution of wealth, political power and how the Zero-Sum outlook as influenced conflict. Every year.

HIST 176. Lesotho and the Shadow of Apartheid. 4 credits.

HIST 211. History of Early Christianity. 2-4 credits.

This course explores major events and themes in the early history of Christianity in the Mediterranean world. May be writing intensive. Alternate years.

HIST 212. History of Early Islam. 2-4 credits.

HIST 270. Topics in African History. 4 credits.

Exploration of various dimensions of African history. Some sections are writing intensive. May be retaken for credit. Alternate years.

HIST 272. Ancient Kingdoms and Modern Crisis in the Horn and Sahel regions of Africa. 4 credits.

This class will introduce students to some of the most advanced and developed kingdoms that existed in the pre-modern period; of the Horn of Africa and the Sahel Region of West Africa. Despite the rich history of these regions, today they are associated with things like piracy, terrorism, poverty, and civil war. Every other year.

HIST 281. Modern Middle East. 4 credits.

This course is a survey of the history of the Modern Middle East from the Ottoman and Safavid empires to the present. May be writing intensive. Alternate years.

HIST 301. Topics in History. 2-4 credits.

Topical approach, focusing on a specific theme. Prerequisites vary by section. May be writing intensive. Prerequisites: Junior Standing and one course in history; or permission of instructor. May be repeated for credit. Alternate years.

HIST 302. Topics in Ancient History and Archaeology. 2-4 credits.

Examination of physical and textual evidence for the history of ancient communities in Afro-Eurasia from prehistory to Late Antiquity. Topics include: Nomadic Archaeology, New Kingdom Egypt, Homer and the Greeks, The Persian Wars, Alexander the Great. May be writing intensive. Prerequisites: Junior Standing and one course in history; or permission of instructor. May be repeated for credit. Alternate years.

HIST 303. Ancient and Pre-Modern Historians. 2-4 credits.

HIST 310. Topics in Pre Modern European History. 2-4 credits.

In depth analysis of themes and regions in European History up to 1500. Possible topics include: The Crusades, The Carolingians, Medieval Women, and The Medieval Family. May be repeated for credit. Prerequisites: Prerequisites: Junior Standing; and one class in History; or permission of instructor. May be repeated for credit. May be writing intensive. Alternate years.

HIST 311. The Viking World. 4

HIST 372. Race in the United States and South Africa. 4 credits.

This class will focus on the political, economic, and cultural reasons behind the construction of racially discriminatory systems in the United States and in South Africa. White settlers in both the United States and South Africa turned to the use of slaves; why did they do this and how did they justify it? After the abolition of slavery, each society developed new economic structures along with new forms of institutionalized segregation. By comparing the institutionalization of racism in both countries, students will gain a better understanding of why these systems emerge and how they function. May be writing intensive. Prerequisite: one course in history or permission of instructor. Alternate years.

HIST 380. Topics in Public History. 4 credits.

Topics in various aspects of public or applied history, such as archival management, historic preservation and museum studies. Prerequisite: Junior standing and one course in history; or permission of instructor. May be retaken for credit. May be writing intensive. Alternate years.

HIST 411. Senior Seminar: the Study of History. 4 credits.

As the capstone to the major, HIST 411 requires students to undertake a major research project based upon work undertaken likely in a 300-level history course, along with presentation of the research to the history faculty. Prerequisites: HIST 204 at least 8 credits of 300-level history courses and history major. May be writing intensive. Every year.

HIST 490. Independent Study. 1-4 credits.

Prerequisite: Instructor's permission. Every year. This course may be repeated for credit.

HIST 491. Internship. 1-4 credits.

Prerequisite: Instructor's permission. Every year. This course may be repeated for credit.

HIST 492. Directed Research. 1-4 credits.

Primary and/or secondary research done under the supervision of a member of the department. Prerequisites: HIST 202 and HIST 203 and permission of the instructor. May be repeated for credit.

HIST 499. Honors Thesis/Project. 0-4 credits.

Prerequisite: 3.50 GPA and permission of the department chair.

INTERNATIONAL STUDIES

INTL 300. Topics in Global Issues. 4 credits.

INTL 490. Independent Study. 0-4 credits.

INTL 491. Internship. 0-4 credits.

INTL 495. Senior Capstone. 4 credits.

<u>JAPANESE</u>			

JUSTICE, LAW AND PUBLIC POLICY

JLPP 490. Independent Study. 1-4 credits.

Independent research project designed in consultation with the supervising profess or the director of Justice, Law and Public Policy minor. Prerequisites: Declaration of Justice, Law and Public Policy minor and Junior or Senior standing. Maybe repeated for credit unless 4 credits already have been earned.

JLPP 491. Internship. 1-8 credits.

Structured, experiential learning opportunity for a Justice, Law and Public Policy minor to apply learned skills in a work environment related to justice, law and/or public policy. The student must register and complete the required application before beginning the internship and must have both a departmental sponsor and an on-site sponsor. The internship requires a final synthetic paper that integrates and reflects upon student' u \$ u

LATIN

LATN 111. Elementary Latin. 4 credits.

Concentration on grammar, exercises and selected readings. Intended for the beginner and for the student with some high school background in Latin. Every third year, depending on interest.

LATN 112. Intermediate Latin. 4 credits.

Continuation of grammar, exercises and selected readings in classical Latin and discussion of Roman culture.

Prerequisite: LATN 111 or equivalent. Every third year, depending on interest.

MATHEMATICS

MATH 090. Introductory Algebra and Probability using ALEKS. 0 credits.

A credit/no credit course moving from elementary algebra through more complex concepts, with the objective of producing readiness for college-level work in mathematics and math-related courses. Topics include real numbers, simple operations on polynomials, solving and graphing linear equations, algebraic fractions, fractional equations, and exponential and logarithmic functions, as well as other more advanced topics which will prepare students for statistics or pre-calculus if desired. This course is taught using a web-based, artificially intelligent assessment and learning system

MATH 202. Calculus II. 4 credits.

Continuation of MATH 201. Prerequisite: MATH 201. Every year.

MATH 210. Introduction to Proofs. 4 credits.

This course is an introduction to mathematical proof with a focus on discrete mathematics. Intended to "bridge" understanding between computational and theoretical mathematics courses,

MATH 380. Topics in Mathematics. 1-4 credits.

Study of special topics not included in other departmental offerings. Offered occasionally according to the needs and interests of students and/or faculty. This course may be repeated for credit.

MATH 460. Senior Seminar. 2 credits.

In this capstone experience for the math major, the student works individually and in groups to synthesize knowledge from and seek interrelationships among areas of mathematics previously encountered. Includes written and oral presentations, bibliographic research, and modeling and problem-solving projects. Prerequisite: Senior math major status or permission of instructor. Every year.

MATH 480. Topics in Mathematics. 2-4 credits.

Study of special topics not included in other departmental offerings. Offered occasionally according to the need and interests of students and/or faculty. This course may be repeated for credit.

MATH 490. Independent Study. 1-4 credits.

Individual study by the advanced student of a topic that is beyond the scope of regular courses. Prerequisite: Approval of the instructor directing the study. This course may be repeated for credit.

MATH 491. Internship. 4-10 credits.

Open to the junior or senior mathematics major by departmental permission only.

MATH 499. Honors Thesis/Project. 0-8 credits.

Prerequisite: 3.50 GPA and permission of the department chair.

MUSI 102. Basic Music Theory and Skills. 4 credits.

This is an introductory course designed to give students a fundamental understanding of the basics of music theory. It is intended for the music major/minor who needs to review the basics and intends to continue the study of music at the advanced level. The course is open to non-music majors, the prerequisite being the ability to read music. The course begins with a study of the materials of music – intervals, triads, scales, key signatures, meter, and melodic structure. By the end of the semester, the student has been introduced to the basics of four-part writing with chords in root position. Grading is based upon daily assignments consisting of exercises in each of the areas studied and supplemented with

MUSI 220. Introduction to Church Music. 4 credits.

Study of areas of concern common to all Christian denominations regarding the practice of sacred music in the context of worship. Deals with historical background of worship of the Judond of worship of the Jud

IV. INTENSIVE MUSIC CLASSES

The course MUSI 102 serves as prerequisite for courses in music theory and music skills taught as two pairs of offerings, MUSI 155/MUSI 156 and MUSI 257/MUSI 258. The courses in each pair should be taken concurrently and each pair should be taken consecutively.

MUSI 120. Functional Keyboard Skills. 2 credits.

A course designed to develop basic keyboard skills needed by non-keyboard music majors. Rudiments of theory, keyboard technique and harmonization will be covered. Taught in the electronic keyboard lab. Every year.

MUSI 155. Intermediate Music Theory I. 2 credits.

Begins with a review of the materials of music-scales, intervals and triads during the first two weeks of the semester. The course proceeds into harmonic progressions, first with the major mode and then the minor mode, along with the principles of voice leading, open and close positions, and rules of motion as set forth in the Common Practice Period (1600-1825). Chords of inversion, nonharmonic tones, cadence, dominant seventh chords and secondary dominants (borrowed chords) complete the course. Exercises in each of these areas are provided in the text and supplemented with analytical work provided by the instructor. Grading is based on daily assignments. It is recommended that MUSI 155 be taken concurrently with MUSI 156. Prerequisite: MUSI 102 or equivalent skill level. Every year.

MUSI 156. Intermediate Music Skills I. 2 credits.

(1) Sight Singing: Primary goal is to learn to perform at sight any pattern of pitches or rhythms in order to facilitate the student's playing, singing, conducting, composing and studying music. Grading is based on performance exams given daily. Significant and regular outside practice is required. In this, the first semester of Sight Singing, the following material is covered: Pitch, diatonic melodies using conjunct motion and disjunct motion within the tonic and dominant chords; C clefs; diatonic melodies using disjunct motion within the subdominant, supertonic and dominant seventh chords; and Rhythm: fundamental rhythm patterns in common simple and compound meters: irregular division of the beat. (2) Ear Training: The student learns to understand and notate pitch patterns and rhythm patterns presented aurally. Grading is based on dictation exams given approximately every other week. In this first semester of Ear Training, material covered will match that included in Sig

MUSI 380. Topics in Music. 2-4 credits.

Designed for the major in music, this course may explore intensively such topics as score reading, advanced conducting, composition and the art of accompaniment, when student interest and faculty availability warrant. Prerequisite: Permission of instructor. May be writing intensive. Course may be repeated for credit.

MUSI 450. Form and Analysis. 4 credits.

Comprehensive study of analytical techniques designed to give the student the tools for understanding the compositional processes of a wide spectrum in music. Prerequisite: MUSI 257 or permission of instructor. Alternate years.

MUSI 470. Problems in Pedagogy and Literature. 4 credits.

Course in group and private teaching of a specific applied instrument or of the voice and its literature. Includes aims, objectives, and procedures of applied teaching and principles of learning. Prerequisite: Permission of instructor. Offered as needed.

MUSI 490. Independent Study. 2-4 credits.

Individual project as arranged by the student with the supervising professor and the department chair. May be writing intensive. Every year. This course may be repeated for credit.

MUSI 491. Internship. 2-4 credits.

Supervised learning-work experience at an on-or off-campus site. Generally pursued during the senior year. Usually involves a written report, a journal, or other assignments. Every year. This course may be repeated for credit.

MUSI 495. Senior Recital and Paper. 2 credits.

Presentation of a full-length recital in the primary area of applied music study. A challenging program to be determined in consultation with the applied music teacher. Designed as a culmination of preceding studies. A written paper of moderate length and relating to some aspect of the program is also required. Required of Bachelor of Music degree students. An oral examination, reviewing and assessing the student's previous work in all areas of the music major, concludes the course. Prerequisite: At least three terms of advanced study in the primary area of applied music, senior standing and concurrent registration in the area of advanced applied study. Every year.

MUSI 496. Senior Recital and Paper with Honors. 2 credits.

Prerequisite: 3.50 GPA, applied lessons at the 300-level, and permission of the department chair.

MUSI 497. Senior Portfolio Review. 0 credit.

Presentation of selected class work and related materials and resources, and the demonstration of musical skills and competencies in an oral examination format before a committee of three faculty members. Required of the major in music education. The review and examination should occur at the beginning of the senior year

V. MUSIC EDUCATION CLASSES

NEUROSCIENCE

NEUR 492. Neuroscience research. 0-5 credits.

Investigation of various neuroscience topics by laboratory or field observations, experimentation and data collection. Directed by a neuroscience faculty member although research experiences may occur off-campus. Course may be taken more than once for credit; however, only five credits count toward the minor requirements. Prerequisites: Junior or senior standing. Every semester.

NEUR 493. Internship. 0-5 credits.

The student develops, under the direction of a faculty member and job-site supervisor, a work/study program that provides practical neuroscience experience. Prerequisites: Junior or senior standing. Every semester. This course may be repeated for credit; however, only five credits count toward the minor requirements.

NEUR

NURSING

NUR 210. Informatics. 2 credits.

Examines informatics in health care emphasizing information systems and the use of the information technology (IT) applications to support health. **Cross-listed as NUR 405**.

NUR 220. Foundations, 6 credits.

Introduces foundational concepts of nursing, and Wittenberg's LIGHT (Leader, Interpersonal and Interprofessional Communicator, Global Advocate, Health Promoter, Thoughtful Providers of Care) baccalaureate nursing roles. Emphasis is placed on performance of a detailed health assessment, collaboration with members of the interprofessional team, interpretation of evidence-based clinical information, and application to design of a basic plan of care for patients seen in a variety of settings. Theory 2.5, Lab 2.5, Clinical 1.0 credits.

NUR 230. Research & Evidence-Based Practice. 4 credits.

Introduces the basic elements of the research process and evidence-based practice. Emphasizes the critical appraisal of current evidence that guides professional nursing practice. **Cross-listed as NUR 403**.

NUR 240. Adult Health I: Adult Health and Wellness Continuum. 6 credits.

Introduces the basic elements of the research process and evidence-based practice. Emphasizes the critical appraisal of current evidence that guides professional nursing practice. Theory 2.5, Lab 1.5, Clinical 2.0 credits.

NUR 310. Adult Health II: Acute and Chronic Health Deviations. 6 credits.

Builds upon Adult Health I nursing concepts, and Wittenberg's LIGHT Baccalaureate nursing roles (Leader, Interpersonal and Interprofessional Communicator, Global Advocate, Health Promoter, Thoughtful Providers of Care). Principles of safe medication administration and dosage calculation are introduced. Emphasis is placed on utilization of a detailed health assessment to design an evolving plan of care for patients with pathophysiological variances, seen in a variety of settings. Theory 2.5, Lab 1.5, Clinical 2.0 credits.

NUR 320. Care of Patients with Psychiatric-Mental Health Needs. 4 credits.

Expands upon Wittenberg's LIGHT Baccalaureate nursing roles (Leader, Interpersonal and Interprofessional Communicator, Global Advocate, Health Promoter, Thoughtful Providers of Care) as students provide care for those with psychiatric-mental health needs in a variety of settings. Emphasis is placed on use of therapeutic communication and authentic presence in delivery of care. Theory 2.5, Lab 0.5, Clinical 1.0 credits.

NUR 330. Adult Health III: Advanced Acute and Complex Health Deviations. 6 credits.

Expands upon Adult Health II concepts of nursing, and Wittenberg's LIGHT Baccalaureate nursing roles (Leader, Interpersonal and Interprofessional Communicator, Global Advocate, Health Promoter, Thoughtful Providers of Care). Emphasis is placed on cohesion of a detailed health assessment, collaboration with members of the interprofessional team, analysis of evidence-based clinical information, and application to design of an evolving plan for care for patients with advanced pathophysiological variances seen in a variety of settings. Theory 2.5, Lab 1.5, Clinical 2.0 credits.

NUR 340. Care of Mothers, Newborns, and the Family. 4 credits.

Expands upon Wittenberg's LIGHT Baccalaureate nursing roles (Leader, Interpersonal and Interprofessional Communicator, Global Advocate, Health Promoter, Thoughtful Providers of Care) as students provide care for the childbearing family in a variety of settings. Emphasis is placed on care of the maternal patient and newborn within the dynamic of variable and changing family processes. Theory 2.0, Lab 0.5, Clinical 1.5 credits.

NUR 400. Health Assessment. 4 credits.

Students expand their knowledge and skills in health assessment, synthesize health assessment data in planning and providing care, and explore variations in health among clients of different age groups and culteW* ta in planning and

NUR 401. Evolving Concepts in Leadership and Management. 4 credits.

Examines theories and strategies of leadership and management for the practice of professional nursing in relation to safety and quality improvement initiatives, and quality patient outcomes. Includes application of leadership concepts, skills, and decision-

NUR 450. Precepted Capstone. 6 credits.

Synthesizes concepts of nursing from NUR 420, and Wittenberg's LIGHT Baccalaureate nursing roles (Leader, Interpersonal and Interprofessional Communicator, Global Advocate, Health Promoter, Thoughtful Providers of Care). Emphasis is placed on salience of a detailed health assessment, collaboration with members of the interprofessional team, choice of evidence-based clinical information, and application to design of a complete plan of care for patients seen in a variety of settings. Theory 1.0, Lab 0.5, Clinical 2.5 credits.

NUR 460. NCLEX-RN Senior Seminar. 2 credits.

This senior seminar course engages the student in a variety of preparatory activities to prepare for success in taking the NCLEX-RN® examination and obtaining licensure to practice as a Registered Nurse.

NUR 499. Honors Thesis. 0-4 credits.

Prerequisite: 3.50 GPA and permission of the department chair.

Ohio requires specific content for registered nursing education and requires that nursing programs list the number of credits of theory (didactic), lab, and clinical. Theory will be developed as 750 minutes per credit; e.g. 2.5 credits of theory x

ORGANIZATIONAL LEADERSHIP

ORLE 190/ORLE 290/ORLE 390. Topic. 2-4 credits.

Within the Organizational Leadership program or such related programs as may develop, topics of special interest or need that are not readily encompassed by other designations in the curriculum. The ORLE 190 courses are at the beginning level, dealing with basic skills, techniques, or concepts. The ORLE 290 courses assume some level of college experience – to be designated for each particular course. The ORLE 390 courses are at an advanced level, require some experience in one or more disciplines, and are appropriate for students beyond the sophomore level.

ORLE 200. Reading in Leadership. 4 credits.

The objective of the course is to develop in the Learner an understanding of the ways in which leaders operate within organizations and the ways the Leader influences the organization's ability to fulfill its purpose and adapt to changing environments. The course will also provide the opportunity for Learners to understand and further develop their own leadership skills and abilities and apply those to their personal situations and environments.

ORLE 400. Senior Leadership Seminar. 4 credits.

A synthesis of learning from previous study and experience developed into a major report in which the student identifies a problem or process in an organizational setting, provides analysis, and proposes appropriate action. The inquiry process, developed in conjunction with the instructor and through activities with the group, addresses the dimensions of both management and leadership. Students present their report in writing to the instructor and orally to the seminar group. Prerequisite: Senior standing and completion of at least four major courses. May be writing intensive.

ORLE 490. Independent Study. 1-4 credits.

Individual study that requires approval of the faculty member directing the study and the Provost's office.

ORLE 4915ir 1 36 442iRq5(e)3(r)-3(s)-2(h)4(i)-3(.)-4()9(1)]TJETQq0.00000912 0 612 792 reW* nBT/F2 11.04 Tf40 0 11 0 0 1 36 4

PHILOSOPHY

PHIL 102. Introduction to Philosophy. 4 credits.

This course is an introductory examination of the basic areas of philosophy, addressing questions like the following: How do we know if an action is right or wrong, and are any actions universally wrong? Is "beauty" really only in the eye of the beholder, or

PHIL 208. Philosophy and the Modern Drama. 4 credits.

The primary aim of the course is to provide students with the ability to recognize and evaluate theatre and dramatic arts through a philosophical lens. As a pragmatic endeavor, we will examine perspectives as they relate to economic, social, cultural, political, and technological globalization. More specifically, students will be working through plays and short stories that examine what it means to be human and wrestle with "social evils" of the day. By "evil" what we mean are enactments and experiences of unmerited suffering, undeserved harm, or unjustified pain that humans create amongst themselves and others.

PHIL 209. Philosophy of Hip Hop Culture. 4 credits.

Philosophy and Art of Hip-Hop Culture will look at the content and forms of Hip Hop Expression as well as the assessment of performance, lyrics and images placed upon, and embodied by, its audience. This course will be taught thematically, focusing particularly to the fundamental human questions such as: the search for God, love and knowledge; the historical concerns of cultural authenticity, race and sexuality; the beauty and pain inherent in language, artistic expression and meaning; Chiefly we are looking at Hip Hop as a Cultural Socratic Art-Form, namely the historic look at Hip-Hop's ability to question, inform and engage in politics and the search for purpose within a democracy through its drama, music, and cultural forms.

PHIL 240. Law: Near and Far. 4 credits.

Law: Near and Far introduces key issues in philosophy of law with an emphasis on fundamental questions such as morality, human psychology, and democracy. It focuses predominantly on the US context but, in addition, we address some core features of international law and a plethora of general questions pertaining to the adequate design of legal

PHIL 310. Ancient and Medieval Philosophy. 4 credits.

This course spans the period from the ancient Greek presocratics to 17th century European philosophy. The primary goal of the course is to introduce students to the historical method of philosophy, emphasizing the ways in which the philosophers of this period responded to perceived inadequacies in the solutions their predecessors offered to philosopher problems. Primary texts by Plato, Aristotle, Augustine, Thomas Aquinas, and Thomas Hobbes are studied.

PHIL 311. Modern Philosophy. 4 credits.

Modern philosophy (17th-19th centuries) is one of the most fascinating areas of philosophy. It is during the modern period that philosophy began to be concerned with the kinds of methods and ideas that we think of as philosophical today. Perhaps the most interesting thing about modern philosophy is that it is a period of intellectual change and social upheaval. The beliefs we have in democracy and the faith we have in scientific method, for example, developed during the modern period, as did navigation methods and optics. The modern period was one of the most hopeful times for social reform, but it also was a period of imperialism and colonialism, which did not have social reform for Others in mind. We will study Descartes, Princess Elizabeth, Locke, Hume, Mary Wollstonecraft, Hegel, Marx, and other thinkers. We also will study contemporary critiques of the modern period, seeking to understand why and how many of the modern ideas are still relevant today.

PHIL 312. Contemporary Philosophy. 4 credits.

While the focus of this class will not be all movements in the 20th century, the student will become acquainted with two traditions, namely "continental tradition" and the "pragmatist tradition." We will be asking questions related to but not limited to the following: How does Marx influence philosophy, most specifically the Frankfurt School, in the 20th century? What is the relation between philosophical positions and social change? Can we identify the ills of society? If so, how do we go about critiquing social movements and social institutions? Do human beings have the power to change the world or does the world exert so much power over human beings that we are the whim of social (and natural) forces? What constitutes a philosophical solution both to a philosophical problem and a social-political problem?

PHIL 380. Advanced Topics. 4 credits.

Examination of the works of a major philosophical thinker or school of philosophy, e.g., Whitehead, empiricism, pragmatism, etc. Prerequisites defined by instructor. Offered occasionally.

PHIL 400. Senior Capstone. 1 credit.

An advanced topics, research methods course, with the topics varying according to the associated 300-level elective. Corequisite: Any 300-level Philosophy course excluding PHIL 310 and PHIL 311.

PHIL 490. Independent Study. 1-4 credits.

Philosophy Capstone serves as companion 1-credit course to one of our upper division courses PHIL 380, PHIL 303, PHIL 304, PHIL 306. Students will take PHIL 400 during their junior or senior year. Students fulfill PHIL 400, Senior Capstone, by completing a major research project through mentorship and supervision with the faculty member teaching the companion course, i.e., PHIL 380, PHIL 303, PHIL 304, PHIL 308. Prerequisites: Completion of PHIL 312 and at least junior standing. The course may be repeated for credit.

PHIL 491. Internship. 4-10 credits.

Work-study opportunities designed to enable students to apply ideas and skills developed in the study of philosophy, particularly analytical and writing skills, and knowledge of the principles of moral and political philosophy. Possibilities include work in an art museum, with a social services agency, or on a congressional staff. This course may be repeated for credit.

PHYSICS

PHYS 100. Concepts in Physics. 4 credits.

Introduction to the principles of physics for non-science majors. Topics are selected from areas of classical and contemporary physics and technology such as Newtonian mechanics, digital and analog technology, astronomy, cosmology, modern physics and relativity. A score of 2 on the Math Placement Exam is strongly recommended.

PHYS 102. Physics through Experimentation. 4 credits.

Introduction to topics selected from classical and contemporary physics. Topics explored with both laboratory and lecture techniques, which are interwoven. A score of 2 on the Math Placement Exam is strongly recommended.

PHYS 107. Astronomy. 4 credits.

Concentration on the nature of sky observations, the methods for making them, and the physical bases for understanding them. Topics discussed are the solar system, stars and their evolution, galaxies, cosmology and instrumentation. Observing sessions are anticipated. A score of 2 on the Math Placement Exam is strongly recommended. Every year.

PHYS 201. Physics I. 5 credits.

Introduction to physics through the study of classical mechanics and thermodynamics. Topics include kinematics, statics, dynamics, work and energy, impulse and momentum, rotational motion, oscillations and the thermodynamic properties of matter. One three-hour lab per week. Prerequisite: Placement into MATH 201, which is suggested as a co-requisite. Every year.

PHYS 202. Algebra-Based Physics II. 5 credits.

Continuation of PHYS-201. Topics include wave phenomena, reflection and refraction, interference and diffraction, optical systems, electric fields, magnetic fields, and DC circuits. This algebra-

PHYS 313. Electronics. 2 credits.

Practical course in analog electronics and its application to experimental physics. The laboratory will involve the use of standard electronic instrumentation. Prerequisite: PHYS 207. Alternate years.

PHYS 314. Digital Electronics. 2 credits.

Fundamentals of digital electronics, including Boolean logic, gates, flip-flops, clocks, counters, memory, and methods of digital-to-

POLITICAL SCIENCE

POLI 101. Intro to Political Science: American Politics. 4 credits.

Study of the basic concepts, background, constitutional basis, organization, functions, and political processes of the United States government. Every year.

POLI 102. Intro to Political Science: Comparative Politics. 4 credits.

Examination of the principal features of democratic, communist, post-communist and Third World political systems. Every year.

POLI 103. International Relations. 4 credits.

Introduction to some key theoretical concepts and approaches to the study of international relations. Also an application of the concepts to historical case studies of war and peace, diplomacy, arms control, international political economy, international organizations and other issues. Every year. (Area I)

POLI 202. Comparative Political Economy and Public Policy. 4 credits.

This course provides an introduction to understanding the relationship between politics and economics, or to put it another way, between "states and markets." What is the appropriate role for government in managing the economy? Should politics and economics be completely separate, or are the two inextricably linked?

POLI 215. American Political Thought. 4 credits.

An examination of a selection of key political-theoretical debates and controversies, from the points of view of dominant and marginalized groups, dating from the Founding to contemporary America. (Area II)

POLI 216. Family Values: The Politics of Virtue, Care, and Equality. 4 credits.

An examination of the theoretical underpinnings of the contemporary debate over family values, from the influential conceptions of the proper relationship between the family and public life offered by the canonical political philosophers to thoughtful analyses of the conflict of rights involved in contemporary debates over the family. (Area II)

POLI 217. Ideology and Identity in Polish Culture (field study). 2-4 credits.

Often referred to as "God's Playground" because of its persistent history of foreign invasion, occupation, violence and suffering, Poland occupies a unique place in European politics. Rarely an independent nation in modernity, Poles have lived under the sway of a variety of political ideologies, including imperialism, authoritarianism, totalitarianism, "communism," and democracy. Given this confusing reality, how have Poles retained a national identity? How have "Polishness" and Polish culture been shaped by occupation, resistance, and collaboration, and both the historical presence and current absence of religious and ethnic minorities? What is the role of Catholicism in Polish civil society? How does gender ideology play into present political discourse? Traversing the landscape from Krakow and Zakopane to Gdansk, exploring everything from traditional Folk culture to contemporary popular culture, Poland's ongoing political transition and ideological complexity will provide us with the ultimate political theory text, ripe for analysis. Field study. (Area II)

POLI 219. Topics in Political Philosophy. 4 credits.

Introductory course on a special topic, normally offered on a one-time basis only. This course may be repeated for credit. (Area II)

POLI 221. State and Local Government. 4 credits.

Consideration of the politics, organization, functions, and role of state and local government in the United States. Outside speakers are used when appropriate. Every year. (Area III)

POLI 222. Urban Politics. 4 credits.

Examination of politics and government in American cities. Emphasis is on how changes over time in local political structures and processes have affected the delivery of services at this most basic level of the federal system. Every year. (Area III)

POLI 223. Introduction to Local Government Administration. 4 credits.

An introduction to the politics and administration of city governments in America with particular emphasis on the power, role and responsibilities of administrators in the delivery of city services. The course is taught during designated

POLI 230. Campaigns and Elections. 4 credits.

Investigation of the nature of the campaign and election process in the United States from a theoretical and a practical perspective. As such, it provides a framework for analyzing electoral politics, both now and in the future. Examples of recent and past campaigns and elections are used in the course to highlight general principles. Every year. (Area III)

POLI 232. Public Opinion. 4 credits.

Study of the formation, development and role of public opinion in American politics. Every year. (Area III)

POLI 234. Black Politics. 4 credits.

Introductory course on the political dimensions of black life in the United States. It examines the role of individuals, institutions and the relative impact of protest versus electoral politics in addressing the status of blacks in the United States. Every year. (Area III)

POLI 236. Media and Politics. 4 credits.

Introductory course on the factors that shape media coverage of politics in the United States and the impact of that coverage. How politicians try to use various media and the rise of new communication technologies are also covered. Every year. (Area III)

POLI 252. International Organizations. 4 credits.

Study of the role of international organizations as they operate in the international political system. Particular emphasis is given to a study of the United Nations through an extended simulation of that body's activity. Alternate years. (Area I)

POLI 253. International Political Economy. 4 credits.

This course provides an introduction to the subfield of international political economy, which explores the linkages between politics and economics in the international system. We will first critically examine the dominant theories used to interpret and explain patterns of international economic relations. We will then examine institutions and features of the international political economy, relating to areas such as trade, foreign investment, foreign aid, and relations

POLI 309. Advanced Topics in Comparative Politics. 4 credits.

Advanced class on a special topic, normally offered on a one-time basis only. Prerequisite: Determined by the instructor. May be writing intensive. This course may be repeated for credit. (Area I)

POLI 315. Feminist and Postmodern Political Thought. 4 credits.

An exploration of the major figures, schools of thought, and concepts in Feminist and Postmodern political thought, culminating in an examination of the often uneasy relationship between feminism and postmodernism. Readings include Nietzsche, Heidegger, Derrida, Foucault, Wollstonecraft, Goldman, MacKinnon, Elshtain, and Irigaray, among others. Prerequisites: junior class standing and either POLI 211, POLI 212, POLI 219, or permission of instructor. May be writing intensive. Every year. (Area II)

POLI 319. Advanced Topics in Political Philosophy. 4 credits.

Advanced class on a special topic, normally offered on a one-time basis only. Prerequisite: Determined by the instructor. May be writing intensive. This course may be repeated for credit. (Area II)

POLI 320. Public Administration. 4 credits.

Exploration of the political dynamics of the federal bureaucracy. Particular emphasis is placed on the interactions of bureaucrats and agencies with each other and with other actors in the political system. Prerequisite: POLI 101 and junior standing. May be writing intensive. Every year. (Area III)

POLI 321. Public Policy. 4 credits.

Exploration of the politics of the national policy-making process. Special emphasis is placed upon the role of political institutions and the media in shaping the public agenda. Prerequisite: POLI 101 and junior standing. May be writing intensive. Every year. (Area III)

POLI 322. American Constitutional Law. 4 credits.

An examination of judicial review, judicial activism and restraint, and theories of Constitutional interpretation, as well as the Court's role in several policy areas, including property rights, the economy, separation of powers, federalism, presidential powers, and in interpreting the equal protection and due process clauses as they bear on race and gender equality. Prerequisites: POLI 101 and junior standing. May be writing intensive. Every year. (Area II)

POLI 323. U.S. Congress. 4 credits.

This course will examine the institution of Congress and the behavior of its members. Particular emphasis will be placed on how the motivations of members of Congress contribute to how the institution is organized and how it functions as well as how it relates to other key political actors and institutions. May be writing intensive. Prerequisites: POLI 101 and junior standing. (Area III)

POLI 329. Advanced Topics in American Government. 4 credits.

Advanced class on a special topic, normally offered on a one-time basis only. Prerequisite: Determined by the instructor. May be writing intensive. This course may be repeated for credit. (Area III)

POLI 332. Political Parties and Interest Groups. 4 credits.

Study of the organization, function, and operation of political parties and intere2ET 176

POLI 352. Russian Foreign Policy. 4 credits.

Analysis of the instruments and priorities of the foreign policy of the Russian Federation. Attention is given to the historical context of Soviet foreign policy from 1917 to 1991. Prerequisite: POLI 102 or POLI 204 and junior standing. May be writing intensive. Alternate years. (Area I)

POLI 354. Chinese Foreign Policy. 4 credits.

Analysis of the evolution and workings of Chinese foreign policy behavior in terms of historical patterns, the role of ideology, military and strategic factors, economics, domestic politics and the decision-making process. Chinese relations with the United States, Russia, Japan and other nations are discussed. Prerequisite: POLI 102 or POLI 205 and junior standing. May be writing intensive. Alternate years. (Area I)

POLI 355. East Asian Foreign Relations. 4 credits.

The course introduces students to the dynamic interactions between major powers in East Asian (Japan, China, the United States, Russia and Korea). The objective is to make students understand and be able to critically analyze diplomatic process, patterns of external behavior of major powers, and transnational forces at work in the region. Prerequisite: POLI 102, POLI 103, or POLI 210. (Area I)

POLI 359. Advanced Topics in International Relations. 4 credits.

Advanced class on a special topic, normally offered on a one-time basis only. Prerequisite: De 30:762(cial)14(t)-3(o)-5(p)n(r po)7

PSYCHOLOGY

PSYC 101. Introduction to Psychological Science. 4 credits.

An introductory-level laboratory-based course in psychology with a focus on the scientific basis of the field as well as how psychology can be applied to other fields of study and life in general. Every year.

PSYC 180. Introductory Topics. 2-4 credits.

Examination of special topics not included under other course descriptions. Offered occasionally according to student and faculty interest. Such topics may include, but are not limited to, violence, impact of television and racism. Courses at this level

PSYC 311. Behavioral Neuroscience. 5 credits.

Laboratory course examining the biological bases of behavior, including the functioning of the nervous system, motivational and attentional processes, and clinical syndromes. Prerequisites: PSYC 101 and a statistics course (BUSN 210, DATA 227, MATH 127 or PSYC 201); OR BIOL 210 or BIOL 220, or PSYC 321. Every year.

PSYC 321. Learning, Memory, and Cognition. 5 credits.

Laboratory course examining the biological bases of behavior, including the functioning of the nervous system, motivational and attentional processes, and clinical syndromes. May be writing intensive. Prerequisites: PSYC 101 or BIOL 210 or BIOL 220; and PSYC 202. Every year.its

RELI 171. Urban Life and Social Ethics. 4 credits.

Examination of representative challenges facing contemporary cities using Springfield as an example. Background readings inform practical issues facing city government with emphasis upon the ethical dimension of the issues throughout. May be writing intensive.

RELI 176. Racism and Social Ethics. 4 credits.

Consideration of basic understandings of racism in the United States in terms of their basic views of American values. May be writing intensive.

RELI 177. Religious Perspectives on Contemporary Moral Issues. 4 credits.

Introduction to basic moral concepts in Judaism and Christianity and their application to issues such as lying; sexuality and procreation; abortion; euthanasia; genetic engineering; human rights; war, terrorism and nuclear deterrence; equality and gender; justice in access to health care; and environmental ethics. Some sections are May be writing intensive. Every year. (Group III)

RELI 200. Topics. 4 credits.

This course may be repeated for credit.

RELI 213. Religion and Medicine. 4 credits.

This course will look at health, medicine and disease through the lens of religious belief, developing a method to

RELI 321. Biblical and Modern Prophets. 4 credits.

Investigation of the historical settings, rhetorical techniques and messages of prophets from Amos of Tekoa to John of Patmos. The student also considers the possibility of prophetic voices in contemporary society. May be writing intensive. Alternate years. (Group II)

RELI 324. Apocalyptic Vision in Ancient and Modern Literature. 4 credits.

Study of religious views, historical context, literary style, and imagery of ancient Jewish and Christian apocalyptic texts, followed by an analysis of the way in which selected modern films and literature use apocalyptic themes and images. May be writing intensive. Alternate years. (Group II)

RELI 326. Word and Sword. 4 credits.

This seminar confronts some of the disturbing passages in the Bible: traditions of holy war and conquest, narratives of rape and murder, cries for vengeance, violent images of God, sharp prophetic invective, responses to political oppression, theological reflections on Jesus' crucifixion, stories of martyrs, and apocalyptic visions of wrath. Biblical texts are examined in their ancient literary and historical context, and consideration is given to how modern individuals and groups have responded to these texts, whether as justification for violence, critiques of violence, or challenges to the relevance and authority of the Bible. Prerequisite: One previous biblical course. May be writing intensive. (Group II)

RELI 327. Manhood and Womanhood in the Bible. 4 credits.

Placing the biblical texts in their Ancient Near Eastern and Greco-Roman contexts, this seminar examines concepts of sexuality and gender roles in Jewish and Christian scripture. In addition to considering the historical context of the biblical literature, the course helps students develop skills in literary and rhetorical analysis of the ancient poetry, narrative, and epistles concerned with sexuality and gender roles. Students also examine how the Bible is used in discussions of contemporary issues such as same-sex relations, marriage and divorce, and women's religious leadership. The course is conducted as a seminar with daily student presentations and responses to the readings, several short essays, and a research paper. (Group II)

RELI 333. Buddhist Thought and Scriptures. 4 credits.

Seminar studying the teachings and practices of schools of the Buddhist tradition through pivotal scriptures. Sutras and other texts from Theravada and Mahayana Buddhism will be considered in their historical and cultural contexts, and within the framework of central themes of Buddhism. Requirements include class discussion and presentations, two exams, one short paper, and a term paper. May be writing intensive. Every third year. (Group I)

RELI 335. Confucianism and Its Critics. 4 credits.

Seminar on the history, central teachings, and institutions of the Confucian and Neo-Confucian traditions and Confucianism as manifest in the modern world. We will read pivotal works of Confucians including the **Analects**, **Mencius**, the writings of Zhu Xi, Wang Yangming and Tu Wei-ming. These will be assessed in part in contrast to critics of Confucianism ranging from classical philosophers to twentieth century Marxists. May be writing intensive. Every year. (Group I)

RELI 336. Religious Daoism and Chinese Popular Religion. 4 credits.

Religious Daoism has been a way of self-cultivation, influential in Chinese imperial politics and history. This course will examine the tradition of Religious Daoism in historical context and through the study of practices, including ritual,

RELI 340. Religion, Gender, and Sexuality. 4 credits.

This course explores how religion has shaped our understanding and practice of sex, gender, and sexuality, as well as how sex, gender, and sexuality have influenced religious belief and practice. It introduces students to theories and methodologies in both gender studies and religious studies, and explores how these approaches might help us understand historical and contemporary issues, including: feminism, LGBTQ+ identities and practice, sex and the Bible, religious freedom, reproductive rights, and marriage controversies, among other topics. Offered biennially in spring semester. (Group III)

RELI

RUSSIAN

RUSS 105. Russian for Professionals I. 4 credits.

Introduction to the study of Russian through speaking, reading and translation. Computer assisted instruction in speaking and in reading Russian Culture. Enrollment limited to adult/non-traditional students.

RUSS 106. Russian for Professionals II. 4 credits.

Continuation of RUSS 105; speaking, reading and translation. Russian culture through reading Russian texts. Computer-assisted instruction. Enrollment limited to adult/non-traditional students.

RUSS 111. Beginning Russian I. 4 credits.

Introduction to the structure of Russian through oral and written practice. Every year.

RUSS 112. Beginning Russian II. 4 credits.

Continuation of the structure of Russian through oral and written practice. Every year.

RUSS 130. Russian Topics. 4 credits.

Topics, chosen by the instructor, designed to be of interest to the entire campus community. Taught in English, readings in English. May be writing intensive. Offered as need arises. This course may be repeated for credit.

RUSS 151. Russian War on Film. 4 credits.

An examination of Russia's wars of the Twentieth century through the use of film. Films will be shown in chronologic order with readings to accompany each film. Films are in Russian with English subtitles.

RUSS 152. Journey into the Fantastic. 4 credits.

An introduction to Russian literature through the genre of the fantastic. Readings will begin with Russian fairy tales and include major authors of the 19th and 20th centuries who used the fantastic in their works. Short stories and novels of authors include Pushkin, Dostoevsky, Zamjatin, Bulgakov, the Strugatsky Brothers and Pelevin. Taught in English.

RUSS 153. Myth and Soul of St. Petersburg. 4 credits.

An introduction to the history and cultural arts of St. Petersburg from its creation to the present day. Major authors of the nineteenth and twentieth century who lived in and wrote about St. Petersburg include Pushkin, Gogol, Dostoevsky, Akhmatova and others. Major artists include Chaikovsky, Stravinsky and Shostakovich. Topics about present-day St. Petersburg will also be discussed. Taught in English.

RUSS 154. The Modern Hero. 4 credits.				
This co	В	Ú	tg	th cen

RUSS 262. Art of Translation. 2 credits.

Introduction to the practice of good translation including more advanced topics in Russian grammar such as verbs of motion, verbal aspect and verb governance. Special attention to idiomatic expressions and formulaic speech patterns. Prerequisite: RUSS 112 or placement.

RUSS 263. Culture and Film. 2 credits.

Through the study of Russian, students will watch and discuss films that acquaint students with contemporary Russian life. Students will learn the vocabulary necessary to discuss the portrayals of family, relationships, changing value systems and social questions as reflected in Russian film. This course will also help students gain additional language skills in speaking and aural comprehension. Prerequisite: RUSS 112 or placement at the 200-level (or permission of instructor). This course may be repeated for credit if the topic changes.

RUSS 264. Voices from the Past. 2 credits.

Through readings, film and discussion in Russian, students study the main currents in Russian history and culture. This course also focuses on developing the language skills necessary to read primary texts, engage in basic research and narrate in the past. Prerequisite: RUSS 260 or permission of the instructor.

RUSS 266. Speech Etiquette. 2 credits.

This course equips students with formulaic speech patterns that will help them conduct conversations on situational transactions such as telephone conversations, purchasing, transportation and expressing opinions. This course is particularly designed for those who will study abroad. Prerequisite: RUSS 263: Culture and Film or by permission or placement. Offered alternate years.

RUSS 316. Cultural Tradition. 2 credits.

An examination of the cultural heritage of Russia. Short prose works, poetry, cultural readings and films help students develop reading and conversational skills. Taught in Russian. Prerequisite: RUSS 260 and RUSS 262 or by permission Offered alternate years.

RUSS 317. National Identity. 2 credits.

With a focus on the New Russia as a result of the fall of the Soviet Union, this course examines some of the major cultural responses to the social and political changes in Post-Soviet life. It explores issues of how Russians define themselves as an individual as a result of the loss of the collective in Post-Soviet society. Taught in Russian. Prerequisite: RUSS 316 or by permission Offered alternate years.

RUSS 330. Russian Topics. 4 credits.

Study of special subjects, chosen by the instructor and described in the course schedule each semester. May be writing intensive. Offered as need arises. This course may be repeated for credit.

RUSS 380. Methods for Teaching and Tutoring World Language. 2 credits.

Introduction to the history and methodology of world language instruction and its relationship to theories of second language acquisition. S0.00000912(ched)4(u)3(le e)-4(ach)14(se)6(m)-4(es)9(te)-3(r.)3()9(M)7(ay)-4(b)5(o)-01136.58 206.06

SOCIOLOGY

SOCI 101. Introduction to Sociology. 4 credits.

Analysis of human interaction. Focus upon social structure, culture, socialization, and the nature of basic institutions and social processes. Sections may be writing intensive. Every semester.

SOCI 110. Cultural Anthropology. 4 credits.

Introduction to cultural anthropology, paying particular attention to the concept of culture and to the cultural patterns around the world. Topics include fieldwork method, institutions of society, and symbols and meaning. The student reads descriptions of societies from different ethnographic areas, including the United States. Sections may be writing intensive. Every year.

SOCI 201. Topics in Sociology/Anthropology. 2-4 credits.

Courses in areas of special interest not covered in regular course offerings. Alternate years. This course may be repeated for credit.

SOCI 210. Sociology of Family. 4 credits.

Sociocultural study of marriage and the family with emphasis on variations in organization, function and value orientation arising from status, ethnic and religious differences. Implications for family life in American society. May be writing intensive. Every year.

SOCI 212. Topics in Criminology and Criminal Justice. 2-4 credits.

Courses in areas of criminology and criminal justice not covered in regular course offerings. Every year. This course may be repeated for credit.

SOCI 213. Serial Murder: Sociological and Criminological Perspectives. 4 credits.

This course critically explores the social construction of serial murder in contemporary society. Students will examine the facts versus the myths of serial murder to understand these crimes from a sociological and criminological framework. Offered every Maymester.

SOCI 214. Penology and Social Control. 4 credits.

A critical examination of topics related to penology, social control, and the use of imprisonment in modern societies. Every third year.

SOCI 215. Crime and the Media. 4 credits.

From **The Godfather** to **Cops** to **The New York Times**, somewhere between fact and fiction lies a wide spectrum that spans from romance to structural violence. This course examines the wider messages the media sends about crime and looks more closely at prison life, experience and the prison system.

SOCI 220. Culture in the Classroom. 4 credits.

Examines school systems around the world to explore how they embody culture and institutionalize societal values and perspectives. Further examines the culture of young people, including the voices and identities they exhibit and embody. Reflects on the structure and everyday realities of American schools regarding cultural issues. Particular focus on East Asia.

SOCI 245. Gender and Society. 4 credits.

Gender is a key component of all human groups. Topics to be covered include gender roles, division of labor by gender, gender inequalities, gender relations in production and reproduction, and symbolic expression of gender differences. May be taught from either an anthropological or a sociological perspective. Alternate years.

SOCI 250. Sociology of Deviance. 4 credits.

Analysis of deviance as an interactive mu.q((q0.00000912 0 612 792 reW* nBT/F1 11.04* nBTc reW* na2 11.04 reETQq0f9CS c)1

SOCI 270. Sociology of Oppressed Groups. 4 credits.

Meaning and nature of oppressed groups, theories and patterns of interaction, and current trends and problems. Every year.

SOCI 271. and Japanese Youth Culture. 4 credits.

Studies on minors ts

SOCI 312. Special Topics in Criminology and Criminal Justice. 2-4 credits.

Courses in criminology and criminal justice that cover material different from that of regular offerings. Prerequisite: One sociology course of at least three credits. Alternate years. This course may be repeated for credit.

SOCI 314. Women and Crime. 4 credits.

This course considers historical and contemporary issues of girls and women involved in crime. We will examine such topics as the gender difference in offending, theoretical explanations for female offending, the social construction of

SOCI 370. Criminology and Criminological Theory. 4 credits.

Theories of the nature and extent of crime, factors conditioning criminal behavior, methods of punishment and rehabilitation, and programs of crime prevention. Prerequisite: One sociology course of at least three credits. Occasional writing-intensive sections. Every year.

SOCI 376. Law and Society. 4 credits.

Study of the functioning of both the formal structure and informal mechanisms of the legal domain within a society. Topics include the use of law as social control, the conflict-resolution function of the law and the structure of legal organizations. May be taught from either a sociological or anthropological perspective. Prerequisites: One sociology course of at least three credits. Alternate years.

SOCI 380. Identity, Self and Society. 4 credits.

Examination of the concepts of identity and identity formation to construct a more integrated view of self and society

SPAN 260. El mundo contemporáneo (Contemporary Issues of the Hispanic World) 2 credits.

This course focuses on contemporary issues of the Hispanic world including topics such as immigration, politics, pop culture, economics, demography, religion, social class, and globalization. The course will help students develop conversational skills and strategies. Prerequisite: SPAN 112 or placement at the 200-level. Alternate years.

SPAN 261. El mundo físico (The Physical World) 2 credits.

This course serves as an introduction to the Hispanic world by highlighting the diverse nature and cultures of Spanish-speaking people focusing on speech patterns, climate, geography and environmental issues. The course will also develop language skills that will enhance student's ability to express themselves in Spanish. Prerequisite: SPAN 112 or placement at the 200-level. Alternate years.

SPAN 262. Entre dos mundos: el arte de la traducción. 2 credits.

This intermediate course will introduce students to the theory (theories) and practices of translation. Through translation practice from Spanish to English, and English to Spanish, students will focus on nuance, style and context of language/text. Students will read selected essays on translation, read selected texts in dual language versions, and create their own translations of short texts. Prerequisite: SPAN 112 or placement at the 200-level. Alternate years.

SPAN 263. El cine y el cambio social (Film and Social Change). 2 credits.

This course introduces students to films from Spain and Latin America that intersect with social and historical transitions. Students will explore the cultural context of each film, analyze major themes, and discuss the role of film as a reflection of and catalyst for social change. The course will focus on aiding students in developing language skills for description and reporting. Prerequisite: SPAN 112 or placement at the 200-level. Alternate years.

SPAN 301. Introduction to Hispanic Literature. 4 credits.

Provides an introduction to the major periods and movements through which Hispanic literature has evolved, from its beginnings to the 19th century. Designed to provide the student with the opportunity to acquire the technical vocabulary of the Hispanic literary critic. Includes discussions of the artistic implications of literature and presentation of the four basic genres: narrative, poetry, drama and essay. May be writing intensive. Prerequisite: 8 SPAN credits at the 200-level. Alternate years.

SPAN 302. Introduction to Hispanic Literature II. 4 credits.

Continuation of SPAN 301, provides the student with a survey of 19th and 20th centuries. Significant figures and literary currents of the Hispanic world are presented. May be writing intensive. Prerequisite: 8 SPAN credits at the 200-level. Alternate years.

SPAN 330. Topics in Advanced Hispanic Literature and Culture. 1-6 credits.

This topics course is designed for the student in the 300 level or 400-level in Spanish. With topics chosen by the instructor, SPAN 330 complements the topics courses at the 100 and 200 level, providing additional learning opportunities for students in the Spanish Language. Prerequisite: 8 SPAN credits at the 200-level or permission of instructor. Offered as need arises. This course may be repeated for credit. Students may be awarded 5 or 6 credits for study abroad only.

THEATRE AND DANCE

THDN 010-THDN 070. Courses in Dance Technique. 1 credit.

Designated to provide learning, knowledge and performance components in various types and levels of dance technique. Every year. These courses may be repeated for credit. Courses taught include:

- THDN 020. Theatre Movement
- THDN 021. Dance Technique for Theatre
- THDN 030. Modern Dance
- THDN 040. Ballet
- THDN 050. Jazz
- THDN 060. Tap Dance
- THDN 069. Topics: Dance Technique
- THDN 070. Dance Company Workshop

Special Note: THDN 070 Dance Company Workshop is a year-long course. The student must register for the class each semester of the academic year. At the end of spring semester, one credit is awarded. Prerequisite: Permission of the instructor. Every year.

THDN 101. Theatre Production. 1 credit.

For students who participate in main stage theatre productions as a member of the cast or crew or as a crew member of a dance concert led by a faculty or professional guest artist. Every year. A total of four credits may be earned for successful participation in music ensemble and other production experience courses.

THDN 230. Stagecraft. 4 credits.

Study of the basic stage equipment and scenery construction with laboratory experience. Every year.

THDN 231. Stage Design. 4 credits.

Study in the theory and creation of design for the stage. This course will cover scenic, lighting, costume, and sound

THDN 331. Advanced Stage Design. 4 credits.

Further study and practice of stage design focusing on the student's individual area of interest resulting in a design portfolio. Prerequisite: THDN 231. Alternate years.

THDN 400. Topics in Theatre or Dance. 1-4 credits.

Specified study of a field of theatre or dance as described in the course schedule each term. Prerequisite: Permission of instructor.

THDN 401. Senior Seminar. 1 credits.

WOMEN'S STUDIES

WMST 100. Women, Culture, Politics and Society. 4 credits.

Introductory survey of major issues in women's studies, including feminist theory, literature and history of women, and lived experiences of women in the United States and globally. May be writing intensive. Every year.

WMST 490. Independent Study. 1-4 credits.

Independent research project designed in consultation with the supervising professor. Prerequisite: Declaration of the W