EDUCATIONAL PLANNING

AND

ADVISING BOOKLET

2013-2014
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MISSION STATEMENT

Mission Statement:
Our institutional purpose
Why we exist and what we seek to accomplish
The College of Wooster is a community of independent minds, working together to prepare students to become leaders of character and influence in an interdependent global community. We engage motivated students in a rigorous and dynamic liberal education. Mentored by a faculty nationally recognized for excellence in teaching, Wooster graduates are creative and independent thinkers with exceptional abilities to ask important questions, research complex issues, solve problems, and communicate new knowledge and insight.

Wooster's Core Values:
The values that govern our shared pursuits
Ideas that we hold true

- **Education in the Liberal Arts Tradition:** We believe that the most valuable approach to undergraduate education engages each student in a course of study that cultivates curiosity and develops independent judgment, creativity, breadth, depth, integration of knowledge, and intellectual skills in the tradition of liberal education tuned for the contemporary era.

- **A Focus on Research and Collaboration:** At Wooster, faculty and students are co-learners, collaborating in liberal inquiry. Our faculty's commitment to excellence in teaching is nationally recognized for enabling students to realize their full potential as engaged scholars. We embrace unique pedagogical principles at Wooster: that research and teaching are integrated forms of inquiry, and that faculty and students share a common purpose in their pursuits of knowledge, insight, and creative expression.

- **A Community of Learners:** Wooster is a residential liberal arts college. As such, we believe the learning process unfolds on our campus and beyond, in conversations in classrooms and residence halls, libraries and studios, laboratories and on playing fields, and through the relationships that develop between and among students, faculty and staff and which endure long after graduation. We recognize that the very process of living together educates, and that much of the learning that is part of our mission takes place through artistic expression, the performance of music, theater, and dance, athletics, community involvement, and in the myriad student organizations that infuse vitality in campus life. We embrace a holistic philosophy of education and seek to nurture the physical, social, and spiritual well-being of our students.

- **Independence of Thought:** We are a community of independent minds, working together. We place the highest value on collegiality, collaboration, openness to persons and ideas in all of their variety, and the free exchange of different points of view. We vigorously champion academic freedom, and seek to sustain a campus culture where the understanding of each is made more complete through an on-going process of dialogue with others who think differently.

- **Social and Intellectual Responsibility:** As a community of learners, we hold ourselves to high standards of sound evidence, careful reasoning, proper attribution, and intellectual and personal integrity in all activities of teaching, learning, research, and governance. We recognize the privilege of being able, collectively, to pursue the mission of the College. We therefore seek to extend the
MISSION STATEMENT

benefits of learning beyond the campus and beyond ourselves, endeavoring to analyze problems, create solutions, exercise civic and intellectual leadership, and contribute to the welfare of humanity and the environment.

- Diversity and Inclusivity: Wooster actively seeks students, faculty, and staff from a wide variety of backgrounds, starting places, experiences, and beliefs. We believe that achieving our educational purpose is only possible in a diverse community of learners. Therefore, we value members who bring a diversity of identities and beliefs to our common purpose, and who reflect a diversity of voices as varied as those our students will engage upon graduation.

Approved by The College of Wooster Board of Trustees
October 10, 2009
IDENTIFYING CURRICULAR GOALS

A liberal arts education is not for four years but for a lifetime. As such, it should provide an intellectual experience that is both inherently valuable and also provides the resources necessary for a lifetime of inquiry, discovery, and responsible citizenship. These resources involve not the study of any particular discipline but the acquiring of certain intellectual abilities, including a critical disposition, an understanding of the nature of academic knowledge and the different ways of knowing that are reflected in the disciplines, the necessary skills to communicate effectively, an openness to inquiry in all its forms, and an appreciation of cultures and perspectives that are different from one's own. These abilities will help students to become independent learners for whom education is a life-long process and whose lives are marked by their commitment to knowledge and their ability to contribute meaningfully to their communities.

The College of Wooster seeks to create such independent learners. A Wooster education can be characterized by how it identifies the goals of a liberal arts curriculum and how these goals relate to the process of creating engaged and independent learners and informed and involved citizens.

- A liberal arts education should be rich in content and intellectually rigorous, to engage the minds and the imaginations of students and faculty alike. It should enable students to respond critically and creatively to the range of human inquiry into the nature of the physical world, society, and the human self, and to share their ideas orally, in writing, and through the forms of artistic expression.

- A liberal arts education should help students to appreciate the nature of the academic disciplines—as intellectual tools that enable us to think in structured and systematic ways, and for the depth of inquiry they allow. By study in a number of disciplines, students should come to understand the different ways of knowing that are embodied in the disciplines, and by coming to know at least one discipline in depth, students should equip themselves to become scholars engaged in the creation of knowledge. By reflecting on the connections among the disciplines, students should appreciate how the understanding of a subject may be enlarged by different disciplinary approaches, how different kinds of knowledge are interrelated, and how work in one field is affected by developments in others.

- A liberal arts education should prepare students for lives of responsibility in a pluralistic society and instill a breadth of understanding, concern, and commitment. It should provide opportunities to examine values, to reflect upon the richness and diversity of human experience, and to develop the necessary skills to contribute to the discussion of contemporary issues and to communicate effectively to individuals and across cultural differences.

The kind of independence which Wooster seeks to inspire is epitomized in the program of Independent Study, in which students are required to demonstrate their capacity for critical inquiry, their ability to create new knowledge in a disciplinary context, and the necessary skills to share their learning with a larger community. While Independent Study represents the culmination of one's learning in a discipline, the goals of the program go beyond disciplinary training. By engaging in the process of Independent Study, students come to regard learning as a process that requires a strong commitment, painstaking research, and the careful development of one's approach to a subject. Through I.S., students come to understand not only their chosen subject but also the nature of learning itself, and they can bring this approach to other situations in their lives and careers. Because they have developed the resources necessary for independent learning, they can become effective citizens able to respond to the needs of their societies.
ACADEMIC ADVISING

At The College of Wooster, all academic advising is done by members of the faculty, and the adviser-advisee relationship is among the most important relationships a student will form. The adviser assists the advisee in the construction of the academic program in a number of important ways: by providing information about requirements, policies, procedures, and educational options; by assisting students in planning a program that is consistent with their interests and abilities; and by helping students to integrate the resources of the College to meet their educational needs and aspirations. Although decisions about course selection and construction of their program are ultimately the responsibility of the student, the adviser provides an essential resource.

The faculty adviser is also the student’s instructor in the First-Year Seminar in Critical Inquiry; as such, the adviser will have special insight into the student’s background and interests, goals and needs, strengths and weaknesses. The Advising, Planning, and Experiential Learning Center (APEX) is part of the advising structure to supplement faculty advising. The mission of APEX is to encourage students to become passionately engaged in their education and to empower them to make informed, intentional choices about academic, professional, and personal opportunities. The Center coordinates all available resources related to the success of students. This is the central location for addressing or directing student questions regarding academic plans. The Center helps increase student awareness of academic resources on campus and encourages student connectivity to the broad network of support.

When a student declares a major, a new adviser is assigned who will help to introduce the student into the discipline as a professional, socialize the student into the culture of the department or program, mentor the student closely in the development of an appropriate academic program, and look for special opportunities that will help the student to grow both as a major in the discipline and as a liberally educated person. When a student undertakes the senior project in Independent Study, the adviser will work extremely closely with the student and mentor his or her final development as a student-scholar in the discipline and to prepare the student for graduation. The adviser will also counsel the student and offer assistance as he or she plans for life and a career after Wooster.
ADVISING FIRST-YEAR STUDENTS

Beginning fall 2001, all Wooster students are expected to meet graduation requirements as described in "A Wooster Education" for the degrees Bachelor of Arts, Bachelor of Music, and Bachelor of Music Education. Advisers should understand the graduation and general education requirements, be able to explain the educational philosophy supporting them, and discuss them regularly with their advisees. All first-year advisers are asked to review:

- the faculty legislation of May 1, 2000, for "A Wooster Education," including statements on curricular goals, student learning objectives, and rationale for each of the general education requirements, and
- degree requirements as outlined in the Catalogue (B.A., B.M., B.M.E.) and on the Graduation Worksheet

"A Wooster Education" gives students great flexibility and many options in fulfilling their general education requirements. Apart from First-Year Seminar, and for some students the College Writing course, there are no specific courses or departments in which students must complete academic work. Advisers should emphasize to students that this curricular freedom entails their responsibility to make informed and purposeful curricular choices.

Advisers should help students to construct an academic program that is coherent, guided by identifiable principles of course selection, and intentional and deliberate in its choices. Ideally, every course that is selected should reflect a student's academic interests, intellectual curiosity, background, and preparation, and advance the range of their appreciation of the liberal arts. In the first year in particular, students should be encouraged to be intellectually adventurous, to experiment with new fields and interests, and to resist being completely restricted by preconceived plans for their futures. Advisers should help students to build connections from one course or one line of inquiry to another, demonstrating by similarity and difference the interrelationships between different courses, disciplines, and fields of study. And of course, courses will also be selected because of their relevance to a possible major, in preparation for graduate school, in relationship to career goals, and as prerequisites for other courses.

Another feature of "A Wooster Education" that enhances students' curricular choice is in allowing individual courses to be counted, as appropriate, toward multiple requirements—note the exception in regard to courses in Cultural Difference and Religious Perspectives. This policy reflects the belief that it is student learning goals rather than the number or content of specific courses that should guide curricular goals and degree requirements. At the same time, students should not be encouraged to regard the fulfillment of multiple requirements through a single course as an end in itself. While there is no reason to avoid courses that fulfill multiple requirements, students should not be encouraged to select particular courses simply because they do so.

In determining which courses fulfill which requirements, advisers should always be guided by the most current Catalogue and Course Schedule. They should not make assumptions based on the department, instructor, title of the course, or previous curricula of the College. Courses only meet the general education designation given at the time a student completes the course. If there is confusion about the status of a specific course, contact the Office of the Dean for Curriculum and Academic Engagement.

Because students have so much freedom and so many options in the way they can fulfill degree requirements, it is important to emphasize that they need not rush to meet them.
ADVISING FIRST-YEAR STUDENTS

Indeed, because so many Wooster courses meet one or more of the general education requirements, many requirements will be met in the normal process of course selection. Furthermore, because the requirement in Learning Across the Disciplines involves two rather than three courses in each of the three academic areas, students have more room for electives. Advisees should be discouraged from regarding requirements as hurdles to be cleared as quickly as possible.

Certain curricular situations require advisers to be particularly pro-active:

- Students who intend to continue study in a given foreign language should be encouraged to resume work as soon as possible. Even a semester away from a language can erode basic skills. In general, students should be encouraged to complete their foreign language requirement in their first or second year of study (subject to course availability). Remember that a placement examination measures ability at the time the exam is taken and that competence is often reduced at a later date.

- Majors in the sciences require particularly careful advising. Many students who intend to major in science will seek to enroll in as many as three courses in mathematics and science in each of their first two semesters—for instance, two lab sciences and mathematics or computer science each semester. It is worthwhile for students and non-science advisers to seek advice from science faculty whether or not such a pattern is necessary and in a given student's best interests. In this regard, encourage your advisees to seek additional input from the chairs of the science departments and at the "Department Information Sessions" during orientation week.

- Regardless of their major, students who intend to seek licensure for public school teaching will need to plan their academic programs with great care, since the requirements for licensure are detailed and extensive. These students should meet with a member of the Department of Education as soon as possible.

- Students interested in careers in Business, Health, and Law often have misconceptions about the kinds of courses and majors that are required for professional careers in these areas. It is important for these students to seek additional input from the Pre-Business, Pre-Health, and Pre-Law advisers, and to attend the appropriate 'information session' during orientation week.

- Because the graduation requirements for the degrees Bachelor of Music and Bachelor of Music Education are significantly different from those for the Bachelor of Arts, and because these programs require careful course sequencing, students with interests in these areas should be referred as soon as possible to the Department of Music for additional counsel.

Wooster encourages all students to consider participating in an off-campus or international study program for a semester, and it is never too soon for students to plan for this option.

Last, and certainly not least, it is important to advise students to be realistic about their chances of enrolling in specific courses, given the demand for some courses and the pressures of staffing. Advisers should always consider the number of course openings
ADVISING FIRST-YEAR STUDENTS

and, whenever there is doubt about the likelihood of finding a place in a given course, help students identify sensible course alternatives.
TYPICAL ADVISING QUESTIONS

1. Course prerequisites: Many 10000-level courses have prerequisites (e.g., Math 10400, 10700, 11100, CS 15100, Physics 10100, Economics 10100). Many 20000-level courses do not (e.g., most Classical Civilization and History courses). *Always consult the Catalogue.*

2. A student may take a ‘W’ (writing-intensive) course at any point in their education, but it will *only count in fulfillment of the Writing requirement* if the course is taken after FYS and before Junior Independent Study.

3. A student may not use the same course in fulfillment of both the Studies in Cultural Difference requirement and the Religious Perspectives requirement.

4. Some, but not all, courses in foreign languages above the 10200-level count toward the Learning Across the Disciplines requirement in Arts and Humanities.

5. Not all international students are exempt from the foreign language requirement. See the Catalogue.

6. Advanced Placement credits as approved by the Registrar count toward graduation and placement within a department or program, but count toward a major, minor, or general education requirement only with the permission of the relevant chairperson. Check AP policies of individual departments. Languages may require students to take placement exams, even if they have scored high in AP exams.

7. *A maximum of 15 credits in any one discipline may be counted towards graduation.* A maximum of 2.00 course credits in performance and physical education activities may be counted toward the minimum of 32 course credits required for graduation. These two courses may include at most the equivalent of one Wooster course credit for private music instruction, music performance ensembles and groups, and workshops courses in Communication Studies and Theatre. Exceptions to these regulations are made for majors or minors, and are stated in the Catalogue by individual departments.

8. The standard course load is four full courses (courses with labs often yield 1.25 credits) and the course load limit for non-seniors is 4.625 (i.e., including fractional credits). Petitions for credit overload are reviewed by the Dean for Curriculum and Academic Engagement and are granted only in exceptional circumstances, and prior academic performance is an important criterion. **First-semester, first-year students may not petition for overload credit.** The maximum overload credit in any semester for any student is 5.500 credits. Except in the case of certain fractional credits in science labs and music lessons, students cannot register for the "overload" course at registration itself but only during the add period and after approval of their petition.

9. Transfer credit submitted by a first-year student may apply to a maximum of four general education requirements. See Catalogue.

10. A 10000-level course may not always be the starting point for a major—check program recommendations for a suitable starting point. *Always consult the Catalogue.*

11. Encourage students to start with a full course load in the first semester. Students with less than a full course load are not eligible for the Dean’s List, see Catalogue.

*When in doubt—and sometimes even when not—consult the Catalogue or call the Dean for Curriculum and Academic Engagement.*
ACADEMIC POLICIES (SELECTED)

A minimum of 16 course credits must be completed at The College of Wooster:

- including four courses for general education requirements (foreign language, studies in cultural difference, religious perspective, learning across the disciplines)
- including seven courses in the major in addition to the Independent Study Thesis.

Course Load

- 4.00 course credits per semester is the normal course load.
- A minimum of 3.00 course credits is needed to maintain full-time status.
- A maximum of 4.50 course credits is permitted without the approval of the Dean for Curriculum and Academic Engagement.
- Students may register for up to 1/8 course credit in music performance groups beyond the maximum specified.
- For Bachelor of Music Education and Bachelor of Music Therapy majors, the maximum course load is 4.875.

Residence Requirements

- Two years of residence at Wooster are required for the B.A. degree, with one of them the senior year.
- Students are required to be in residence for the two semesters preceding the fulfillment of their degree requirements and permitted to take no more than 4.250 (including 1/8 course credit in music performance groups) courses for credit per semester in the two semesters in which they undertake the Independent Study Thesis.
- The last six courses (including the two-course Independent Study Thesis) counting toward graduation must be completed in the College's curricular program.

Maximum Course Credits in Music Performance and Physical Education

A maximum of two (2.000) course credits in performance and physical education activities may be counted toward the minimum of 32 course credits required for graduation.

- These two courses may include at most the equivalent of one (1.000) Wooster course credit for private music instruction, music performance ensembles and groups, and workshop courses in Communication Studies, and Theatre. All music performance courses are offered for both full (1.000) and fractional (.125, .250, .500) credits. Communication Studies workshops are .250 credit courses, and Theatre workshop and performance courses that count toward the allowable 1.000 performance course are .250 credit courses. Exceptions to these regulations are made for majors or minors, and are stated by individual departments.

- Four physical education activities classes that count for one-quarter-credit make up the second 1.000 course credit that can be counted toward the minimum of 32 course credits required for graduation. Students who participate on intercollegiate athletic teams may count only one .250 varsity sports credit, Physical Education 130, toward the four allowable physical activities courses.

Course Adjustments

To permit effective course selection, students will be permitted to add courses without penalty until the end of the second week of classes and to drop courses without record
of registration through the end of the sixth week of classes.

Audits

- Full-time students are permitted to audit one course without charge in any semester.
- In the case of majors in the music department, this course could be a regular course carrying 1.000 credit or a combination of partial credit courses adding up to 1.000 credit, with the exception that a student may not audit any more than one half-hour applied lesson in a given semester.
- The deadline for adding a course for audit is the end of the second week of classes in any semester. Once the audit status is declared for a particular course, it cannot be changed to the credit option.
- The deadline for changing registration in a course from credit to audit is the end of the sixth week of classes.

Academic policies have been legislated by the faculty and apply consistently to all students. Exceptions are approved only in truly extraordinary and extenuating circumstances, and primarily for documented health and medical reasons. Appeals of the following academic policies are not normally accepted:

- re-appeal of a previous petition
- overload credit for first semester first-year students
- overload credit in any semester for any student beyond 5.500 credits
- change in S/NC status after the established deadline
- change in audit status after the established deadline
- off-campus study application deadlines
- replacement of a course grade when repeating the course
- changes to course registration beyond one semester
- changes to academic transcript after graduation
- ‘walking’ at Commencement (gpa and credit requirements)

Petitions for academic exceptions to policy are submitted to the Dean for Curriculum and Academic Engagement. Guidelines for petitioning are available on the Academic Affairs webpage.
Placement Exam Guide

I. Online Access to Results
II. Writing Placement
III. Foreign Language Placement
IV. Biology Placement
V. Chemistry Placement
VI. Mathematics and Computer Science Placement
I. Online Access to Results

Students will take online placement exams in biology, chemistry, and mathematics prior to the Summer ARCH session. Foreign language placement exams will be taken during the first day of the ARCH program. In order to best advise the student, you will need to access test results in ScotWeb.

Log into Scot Web

Choose My Advisees (Transcripts, Degree Audits, Schedules) under Advising Information

Choose ARCH Advisor on the drop down menu

Choose Student Test Summary from the drop down menu next to the student name
The comments section in the Placement Tests table will let you know what courses the student tested into.

<table>
<thead>
<tr>
<th>Test Summary</th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>Admissions Tests</strong></td>
<td><strong>Date Taken</strong></td>
</tr>
<tr>
<td>SAT Writing</td>
<td>05/01/07</td>
</tr>
<tr>
<td>SAT Verbal (critical reading)</td>
<td>05/01/07</td>
</tr>
<tr>
<td>SAT Math</td>
<td>05/01/07</td>
</tr>
<tr>
<td>SAT Composite</td>
<td>05/01/07</td>
</tr>
<tr>
<td>SAT Best Composite</td>
<td>05/01/07</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Placement Tests</th>
<th><strong>Date Taken</strong></th>
<th><strong>Score</strong></th>
<th><strong>Percentile</strong></th>
<th><strong>Status</strong></th>
<th><strong>Status Date</strong></th>
<th><strong>Comments</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Math Placement</td>
<td>06/10/10</td>
<td>8</td>
<td>23</td>
<td>Accept</td>
<td>09/01/10</td>
<td>Placement Group A (MATH-100, MATH-102, CSCI-110, CSCI-199)</td>
</tr>
<tr>
<td>Latin Placement</td>
<td>06/10/10</td>
<td>18</td>
<td>21</td>
<td>Accept</td>
<td>09/01/10</td>
<td>Placed in Latin 101.</td>
</tr>
<tr>
<td>French Placement</td>
<td>08/28/09</td>
<td>142</td>
<td>30</td>
<td>Accept</td>
<td>09/11/10</td>
<td>Student placed in FREN-101</td>
</tr>
<tr>
<td>English Placement</td>
<td>08/10/10</td>
<td>6</td>
<td></td>
<td>Accept</td>
<td>09/01/10</td>
<td>Required to enroll in ENGL 110: College Writing.</td>
</tr>
<tr>
<td>Chemistry Placement Exam 1</td>
<td>08/10/10</td>
<td>64</td>
<td>20</td>
<td>Accept</td>
<td>08/10/10</td>
<td>Recommend enrollment in Chem-120</td>
</tr>
<tr>
<td>Chemistry Placement Exam 2</td>
<td>08/10/10</td>
<td>18</td>
<td>90</td>
<td>Accept</td>
<td>09/10/10</td>
<td>Eligible to enroll in Chem-120. Recommend taking Chem Placement Exam 2 for possible enrollment in Chem-211</td>
</tr>
<tr>
<td>Biology Placement</td>
<td>06/10/10</td>
<td>9</td>
<td>26</td>
<td>Accept</td>
<td>06/10/10</td>
<td>Placed into BIOL-2000</td>
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<table>
<thead>
<tr>
<th>Other Tests</th>
<th><strong>Date Taken</strong></th>
<th><strong>Score</strong></th>
<th><strong>Percentile</strong></th>
<th><strong>Status</strong></th>
<th><strong>Status Date</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>AP History - U.S.</td>
<td>07/24/09</td>
<td>5</td>
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<tr>
<td>AP English Literature</td>
<td>07/24/09</td>
<td>2</td>
<td></td>
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</tbody>
</table>

II. Writing Placement Results

There is no Writing Placement Test; however, the comments in this section will let you know if the student has been placed in IDPT 11000 College Writing, if the student is exempt from the course, or if the decision regarding this class has been deferred.
III. Foreign Language Placement

International/Global Nomad Students

International students whose primary language is other than English may satisfy the College's foreign language requirement by achieving an appropriate TOEFL score (80 on the internet-based test; 550 on the written test) or by meeting the College requirement in Writing by placement examination or course work.

International students whose primary language is English but who are proficient in a second language must demonstrate that proficiency either by taking the College's language placement exam (in the case of languages taught at Wooster) or providing evidence by examination or other manner to the Dean for Curriculum and Academic Engagement.

The same conditions apply for American students who have studied or lived in a non-English-speaking environment for an extended period.

### Spanish Placement Test

<table>
<thead>
<tr>
<th>Test Scores</th>
<th>Course Placement</th>
</tr>
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<tbody>
<tr>
<td>0-199</td>
<td>SPAN 10100</td>
</tr>
<tr>
<td>200-374</td>
<td>SPAN 10200</td>
</tr>
<tr>
<td>375-499</td>
<td>SPAN 20100</td>
</tr>
<tr>
<td>500+</td>
<td>SPAN 20200</td>
</tr>
</tbody>
</table>

Test Scores above 375 in Spanish fulfill language requirement

### French Placement Test

<table>
<thead>
<tr>
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<th>Course Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-149</td>
<td>FREN 10100</td>
</tr>
<tr>
<td>150-299</td>
<td>FREN 10200</td>
</tr>
<tr>
<td>300-439</td>
<td>FREN 20100(focus on spoken French) or 20300(focus on written French)</td>
</tr>
<tr>
<td>440-599</td>
<td>FREN 21600</td>
</tr>
<tr>
<td>600+</td>
<td>FREN 22000</td>
</tr>
</tbody>
</table>

Test Scores above 300 in French fulfill language requirement

### German Placement Test

<table>
<thead>
<tr>
<th>Test Scores</th>
<th>Course Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-199</td>
<td>GRMN 10100</td>
</tr>
<tr>
<td>200-324</td>
<td>GRMN 10200</td>
</tr>
<tr>
<td>325-449</td>
<td>GRMN 20100</td>
</tr>
<tr>
<td>450+</td>
<td>GRMN 25000</td>
</tr>
</tbody>
</table>

Test Scores above 325 in German fulfill language requirement

### Latin Placement Test

<table>
<thead>
<tr>
<th>Percent Correct</th>
<th>Course Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 61%</td>
<td>LATN 10100</td>
</tr>
<tr>
<td>61% - 85%</td>
<td>LATN 10200</td>
</tr>
<tr>
<td>85% +</td>
<td>LATN 20000</td>
</tr>
</tbody>
</table>

Test Scores above 85% in Latin fulfill language requirement
IV. Biology Placement Test

Credit for Advanced Placement

Students receiving a score of 5 on the Advanced Placement Examination in Biology will receive credit for Foundations of Biology (BIOL 20000) - Foundations of Biology (BIOL) is an entry course for students considering a major in one of the Biological Sciences. With a score of 4 on the Biology AP exam a student can receive one course credit in BIOL 10000 Topics in Biology. Advanced placement credit cannot be substituted for any other biology courses.

Biology Placement Exam

Students can place out of Foundations of Biology (BIOL 20000) if they demonstrate a strong background in the material covered in the course by scoring well on the Biology Placement Exam. Students with a strong background in biology are welcome to take the Biology Placement Exam.

Placement Guideline

Students who score well (> 69 % correct) OR who have a score of 5 on the Advanced Placement Examination will be eligible to enroll in BIOL 20100 in the fall, ONLY IF they also place out of CHEM 11000 and concurrently enroll in CHEM 12000. BIOL 20200 is only offered in the spring; therefore, if a student places out of BIOL 20000, but not CHEM 11000, they will have to wait until spring to take a biology course.

Description of Introductory Biology Courses for Biology, BCMB, and Neuroscience

Foundations of Biology (BIOL 20000) is intended as an entry course for students considering a major in one of the Biological Sciences and focuses on the conceptual underpinnings of genetics and evolution as they relate to the field of biology. BIOL 20000 does not have a lab (whereas the Gateway courses, 20100 and 20200, have a weekly lab). To gain an appreciation of how biologists approach and understand life processes, non-science majors may enroll in either Topics in Biology (Biology 10000) or Foundations of Biology (BIOL 20000). Topics in Biology (BIOL 10000) courses address specific topical issues in applied biology on a rotating basis.

- BCMB majors are required to take BIOL 20000 and 20100 (Gateway to Molecular and Cell Biology, offered spring and fall, BIOL 20000 is a prerequisite and CHEM 120 00is a co-requisite).
- BIOL major are required to BIOL 20000, 20100, and 20200 (Gateway to Ecology, Evolution and Organismal Biology, offered in spring – BIOL 20000 is a prerequisite)
V. Chemistry Placement Tests

Chemistry offers two placement exams
Performing well on Placement Exam 1 permits enrollment in CHEM 12000 Principles of Chemistry. Performing well on Placement Exam 2 permits enrollment in CHEM 21100 Organic Chemistry.

Who should take the Chemistry placement exam?
Any incoming student who plans to take a chemistry course at Wooster should take at least Placement Exam 1. Students with interests in the following science majors, Biochemistry and Molecular Biology, Biology, Chemistry, Geology, Neuroscience, or in pre-health fields ultimately need to take or place out of CHEM 11000, Introductory Chemistry, which is a prerequisite for other early courses in the major or preparation for entrance exams.

Chemistry Placement Exam 1

<table>
<thead>
<tr>
<th>Score</th>
<th>Recommended Action</th>
</tr>
</thead>
</table>
| 15-20 | Eligible to enroll in CHEM 12000  
Recommend taking CHEM Placement Exam 2 for possible enrollment in CHEM 21100 |
| 12-14 | Recommend enrollment in CHEM 12000  
Students can transfer to CHEM 110 00in the first six weeks without penalty  
Note: CHEM 11000 is only offered in the fall semester. |
| 10-11 | Eligible to enroll in CHEM 11000, possible enrollment in CHEM 12000  
Students can transfer to CHEM 11000 in first six weeks without penalty  
Note: CHEM 11000 is only offered in the fall semester.  
Consult with Adviser or Chair of Chemistry to gauge math and chemistry skills and confidence level |
| 0-9  | Eligible to enroll in CHEM 11000  
Strongly recommend reviewing high school math and chemistry |

Chemistry Placement Exam 2

<table>
<thead>
<tr>
<th>Score</th>
<th>Recommended Action</th>
</tr>
</thead>
</table>
| 15-20 | Consider enrollment in CHEM 21100, eligible to enroll in CHEM 12000  
Consult with Chair of Chemistry |
| 0-14  | Recommend enrollment in CHEM 12000 |

Credit for Advanced Placement
A student who presents a score of 4 or 5 on the national Advanced Placement Examination in Chemistry automatically receives Wooster credit for CHEM 11000.

Courses from which to choose

Students with potential interest in a science major or pre-health fields
Chemistry 11000 (Introductory Chemistry; offered Fall and Spring; does not include a laboratory)  
Chemistry 12000 (Principles of Chemistry; offered Fall and Spring; includes laboratory)

Students not interested in a potential science major
Chemistry 10100 (Chemistry and the World in Which We Live: Chemistry of the Environment; offered Spring)
VI. Mathematics and Computer Science Placement Guidelines

<table>
<thead>
<tr>
<th>Placement Exam:</th>
<th>0 – 14</th>
<th>15 – 24</th>
<th>25 – 35</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAT Math:</td>
<td>0 – 550</td>
<td>560 – 590</td>
<td>600 – 800</td>
</tr>
<tr>
<td>ACT Math:</td>
<td>0 – 22</td>
<td>23 – 26</td>
<td>27 – 36</td>
</tr>
<tr>
<td>Semesters of high school mathematics:</td>
<td>0 – 4</td>
<td>5 – 8</td>
<td>8</td>
</tr>
</tbody>
</table>

**GROUP A**
- MATH 10000
- MATH 10200
- CSCI 11000
- CSCI 19900

**GROUP B**
- MATH 10700
- MATH 10400
- CSCI 15100

**GROUP C**
- MATH 11100
  - possibly MATH 11200
  - (if AP or other score indicates)
  - CSCI 15100

**What our placement exam covers:** For the most part, this exam covers basic skills in high school algebra and pre-calculus. It serves as a guide to help us know where students will have the greatest chance of success. The exam does not serve as an appropriate placement tool for someone whose background may indicate advanced placement into Calculus II or higher.

Placement into a specific mathematics course depends not only on a student’s placement, but also on a student’s interests. Students are free to take courses below their placement level.

**THREE PLACEMENT GROUPS:**

A. **MATH 10000/10200 and CSCI 11000/19000:** This placement is for students whose major interests are outside of Mathematics and the Natural Sciences.

B. **MATH 10000** serves students who are looking for a Mathematics course for Learning Across the Disciplines (MNS). These are often Humanities majors, students interested in Elementary Education teaching licensure, or Communication majors.
- **MATH 10200** serves students who are very often Social Science majors (e.g., Political Science) and who are seeking a course in Basic Statistics.

C. **MATH 10700/10400 and CSCI 15100:** This placement is for students who are interested in Mathematics, the Natural Sciences, and the Social Sciences (specifically Economics).
- **MATH 10400** serves students who are interested in majoring in Economics, Business Economics, Biology, or Geology. This course is only offered during the spring semester. It is also a terminal course in that it does not lead to MATH 11100. Students wanting to enroll in Math 10400 whose background is weak are encouraged to complete the sequence MATH 10700-10400.
- **MATH 10700** serves students who have not had Calculus in high school or who require more review before starting a Calculus I course. The sequence MATH 10700-10800 serves as a substitute for MATH 11100. MATH 10700 is difficult for students who are under-prepared; they should know that they will have to work very hard to stay on track to complete a major in Mathematics or the Natural Sciences. We recommend that these students meet with Ronda Kirsch, director of the Math Center, to build their skills throughout the semester.
D. **MATH 11100 (or beyond) and CSCI 15100:** This placement is most often for students who are interested in Mathematics or the Natural Sciences as majors or minors. These students typically have had a comprehensive high school course in Pre-Calculus or a high school course in Calculus, and may have taken one of the AP Calculus exams.

*Summer ARCH advisers should have the students make their best guess as to proper placement, pending receipt of scores for AP Calculus, A-Level, IB Higher-Level, and CAPE exams before fall classes begin.*

(The department will review the AP scores of all students in Group C at that time.)

- **MATH 11100** is a first-semester college-level calculus course intended for students with a strong mathematics background. Credit for MATH 11100 is given for the following exam scores:

<table>
<thead>
<tr>
<th>Exam</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Calculus AB</td>
<td>3, 4, or 5</td>
</tr>
<tr>
<td>AP Calculus BC (AB subscore)</td>
<td>3, 4, or 5</td>
</tr>
<tr>
<td>A-Level Mathematics</td>
<td>A or B</td>
</tr>
<tr>
<td>IB Higher-Level Mathematics</td>
<td>6 or 7</td>
</tr>
<tr>
<td>CAPE Mathematics</td>
<td>I, II, or III</td>
</tr>
</tbody>
</table>

If students with incoming credit for MATH 11100 decide to take MATH 11100, they will not receive credit twice.

- **MATH 11200** is a second-semester college-level calculus course for students who have credit for MATH 11100. Credit for MATH 11200 is given for the following exam scores:

<table>
<thead>
<tr>
<th>Exam</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Calculus BC</td>
<td>4 or 5</td>
</tr>
</tbody>
</table>

If students with incoming credit for MATH 11200 decide to take MATH 11200, they will not receive credit twice.

- **Beyond:** Students who have done a postsecondary option, have math transfer credits, or who have scored a 4 or 5 on the AP Calculus BC exam are encouraged to enroll in Math 21200 (Multivariate Calculus) or possibly Math 21100 (Linear Algebra). Please consult with a member of the department for further guidance.
The following table shows the options for a first-year student to enter the Mathematics curriculum at The College of Wooster:

<table>
<thead>
<tr>
<th>GROUP A:</th>
<th>FALL</th>
<th>SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choice 1:</td>
<td>MATH 10000</td>
<td></td>
</tr>
<tr>
<td>Choice 2:</td>
<td></td>
<td>MATH 10000</td>
</tr>
<tr>
<td>Choice 3:</td>
<td></td>
<td>MATH 10200</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GROUP B:</th>
<th>FALL</th>
<th>SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choice 1:</td>
<td>MATH 10400</td>
<td></td>
</tr>
<tr>
<td>Choice 2:</td>
<td>MATH 10700</td>
<td>MATH 10800</td>
</tr>
<tr>
<td>Choice 3:</td>
<td>MATH 10700</td>
<td>MATH 10400</td>
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</table>

<table>
<thead>
<tr>
<th>GROUP C:</th>
<th>FALL</th>
<th>SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choice 1:</td>
<td></td>
<td>MATH 11100</td>
</tr>
<tr>
<td>Choice 2:</td>
<td>MATH 11100</td>
<td>MATH 12200</td>
</tr>
<tr>
<td>Choice 3:</td>
<td>MATH 11200</td>
<td>MATH 21200</td>
</tr>
</tbody>
</table>

Students who will have credit for Math 11200 are encouraged to enroll in Math 21200 (Multivariate Calculus) in their first semester. For other advanced placements, please contact a member of the department.

THE COURSES FROM WHICH TO CHOOSE:

MATH 10000. MATHEMATICS IN CONTEMPORARY SOCIETY

This course is designed for students wanting to partially satisfy the Learning Across the Disciplines requirements. This is a survey course that explores a broad spectrum of mathematical topics; examples include the search for good voting systems, the development of efficient routes for providing urban services, and the search for fair procedures to resolve conflict. The emphasis is on observing the many practical uses of mathematics in our modern society and not on mastering advanced mathematical techniques. This course does not satisfy the prerequisites for further Mathematics courses, nor does it count toward a major or minor. *Annually. Fall and Spring.* [Q, MNS]

MATH 10200. BASIC STATISTICS

This course covers an introduction to basic statistical methods and concepts - the basic elements of descriptive and inferential statistics. Topics include exploratory data analysis, experimental design, sampling, inference for means and proportions, regression, and categorical data. This course does not satisfy the prerequisites for further Mathematics courses, nor does it count toward a major or minor. *Annually. Spring.* [Q, MNS]

MATH 10400. CALCULUS FOR SOCIAL SCIENCE

This course is designed primarily for students in the social sciences. The course covers the basic concepts of single variable calculus and, to a lesser extent, multivariable calculus. This includes the topics of limits, differentiation, integration, and applications of these topics. The emphasis is on fundamental themes, computational skills, and problem solving, rather than on mathematical theory. This course does not count toward a major or minor. Credit cannot be given for both MATH 104 and either 108 or 111. *Prerequisite: Departmental approval, as determined by performance on placement exam. Annually. Spring.* [Q, MNS]

MATH 10700. CALCULUS WITH ALGEBRA A

This course is the first in a two-course sequence that integrates precalculus and first-semester calculus topics. This course will examine the algebraic, geometric, and analytic properties of polynomial and rational functions. Limits, continuity, differentiation, and integration in connection with these functions will be studied, along with applications. This course does not count toward a major or minor and may not be taken by anyone with credit for MATH 10400 or 11100. *Prerequisite: Departmental approval, as determined by performance on placement exam. Annually. Fall.* [Q, MNS]
MATH 11100. CALCULUS AND ANALYTIC GEOMETRY I

This course and MATH 11200 cover the calculus of functions of one variable. Topics include limits, continuity, differentiation and integration, applications of the calculus, elements of analytic geometry, and the Fundamental Theorem of Calculus. Prerequisite: Departmental approval, as determined by performance on placement exam. Annually. Fall and Spring. [Q, MNS]

MATH 11200. CALCULUS AND ANALYTIC GEOMETRY II

This course is a continuation of MATH 11100. Topics include calculus of transcendental functions, integration techniques, infinite series, polar and parametric representations and/or first-order differential equations. Prerequisite: MATH 11100 or 10800, or AP/equivalent credit. Annually. Fall and Spring. [Q, MNS]

MATH 21200. MULTIVARIATE CALCULUS

MATH 21100. LINEAR ALGEBRA
FOREIGN LANGUAGES
AND ADVISING

WHY AND HOW TO ENCOURAGE THE STUDY OF A FOREIGN LANGUAGE (FL) AT WOOSTER

• Spanish is the “most useful” language? The market approach to foreign language study is largely shaped by the choices of students who flock to Spanish classes because it seems most useful. While important and valuable, it should not be considered to the exclusion of other world languages that shape lives and futures. If Spanish classes are full, encourage other languages!

• Less-commonly taught languages in H.S. like German or Russian can give students an edge over their peers. Why compete with the masses, or with native Spanish speakers in the United States? Why not try another language or culture that you haven’t been exposed to yet? It may make your resume stand out as unique among the many Spanish speakers for a future job.

• “Everyone speaks English” = WRONG. In order to complete in the global marketplace, U.S. students need to know more than one language. Students in the European Union, China, Africa, Thailand, and many other countries are required to learn at least two to three languages beyond their native language. Knowing a foreign language helps students understand the culture and people in ways they don’t always anticipate. Foreign language study should not stop as a requirement, but serve as a springboard.

• One year spent learning another language is not sufficient to achieve the requisite command to enter into this international and intercultural world. After all, the many foreign students who come to the US often enter with six or more years of English study. At COW, students begin their journey as “lifelong learners” of another language and culture.

• Foreign Languages and Study Abroad. Students should be encouraged to think about locations of interest as early as possible and consider what languages taught at Wooster might compliment that location. With their grounding in courses prior to study abroad, students will reap much larger rewards during study abroad.

• Foreign Languages and I.S. Foreign Languages can equip students in almost any field, (but particularly in the humanities and social sciences) to do truly exceptional work on an I.S. topic with an international / intercultural dimension. Many students who conduct on an international / intercultural topic report that advanced FL knowledge was essential to the project or that they would have benefited from more had they had foreign language training prior to travel.

• Remember, any vocation or profession accessible via English is also accessible through the medium of other world languages. For example, world-class microbiology is practiced in France, cutting edge automobiles are produced in Germany, superb commercial aircraft are designed and built in Brazil and excellent computers are built in China. Students with the requisite substantive knowledge and true command of another language can integrate themselves into these fields and contribute to and learn from persons in these disciplines whose first and principal language is not English.
POLICY ON TRANSFER CREDIT IN FOREIGN LANGUAGES

The College grants transfer credit, to be counted as elective credit toward graduation, to courses in foreign language completed successfully at other accredited colleges and universities. This applies both to languages currently taught at Wooster and those not currently taught. The amount of such credit and the minimum grade that will be accepted will be determined by the Registrar according to standing College policies.

For such courses to be considered toward fulfillment of the College’s foreign language requirement, the following policies apply:

a. For courses in languages currently taught at the College, the student must petition the chair of the relevant department. The chair shall decide whether or not to accept such course work toward fulfillment of the requirement and may consider the following criteria: the institution granting the credit; the course description and syllabus; tests and other assignments completed in the course. The chair also may require that the student take the department’s placement exam and demonstrate proficiency through the second-level course in the language sequence. In the case of course work completed elsewhere in a summer session, students normally will be required to take the placement exam.

b. For courses in languages other than those currently taught at the College, the student must petition the Dean for Curriculum and Academic Engagement. The Dean shall evaluate the work according to the criteria described above and, as appropriate, may seek the judgment of a third party proficient in the language. As necessary, the Dean may require that the student take a proficiency exam in the language through an outside agency and demonstrate proficiency comparable to that of the second-level course in the language sequence. In that case, it will be the responsibility of the student to locate an appropriate testing agency, obtain permission from the Dean to be tested by the agency, make arrangements for the test, and pay any expenses that are involved.

For purposes of policy, foreign language work that is taken through an endorsed program of off-campus study will be considered the equivalent of work taken at the College.

Approved by the Educational Policy Committee
November 1, 2000
# Policy on Advanced Placement Credit

<table>
<thead>
<tr>
<th>Test</th>
<th>Score</th>
<th>Credit</th>
<th>Wooster Equivalents</th>
<th>Gen. Edu. (LAD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>4,5</td>
<td>1</td>
<td>ART-12000</td>
<td>AH</td>
</tr>
<tr>
<td>Art Design 2-D</td>
<td>4,5</td>
<td>1</td>
<td>Placement-see Chair</td>
<td>AH</td>
</tr>
<tr>
<td>Art Design 3-D</td>
<td>4,5</td>
<td>1</td>
<td>Placement-see Chair</td>
<td>AH</td>
</tr>
<tr>
<td>Art Drawing</td>
<td>4,5</td>
<td>1</td>
<td>Placement-see Chair</td>
<td>AH</td>
</tr>
<tr>
<td>Biology</td>
<td>4</td>
<td>1</td>
<td>Placement-see Chair</td>
<td>MNS</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>1</td>
<td>Placement-see Chair</td>
<td>MNS</td>
</tr>
<tr>
<td>Chemistry</td>
<td>4,5</td>
<td>1</td>
<td>Elective or Placement-see Chair</td>
<td>MNS</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>0</td>
<td>Placement-see Chair</td>
<td></td>
</tr>
<tr>
<td>Computer Science</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A Exam</td>
<td>3,4,5</td>
<td>1</td>
<td>CSCI-15100</td>
<td>MNS</td>
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<tr>
<td>AB Exam</td>
<td>3</td>
<td>1</td>
<td>CSCI-15100</td>
<td>MNS</td>
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<tr>
<td></td>
<td>4,5</td>
<td>2</td>
<td>CSCI-15100, 15200</td>
<td>MNS</td>
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<tr>
<td>Economics</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Micro</td>
<td>4,5</td>
<td>1</td>
<td>Placement-see Chair</td>
<td>HSS</td>
</tr>
<tr>
<td>Macro</td>
<td>4,5</td>
<td>1</td>
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<td>HSS</td>
</tr>
<tr>
<td>English Language</td>
<td>4,5</td>
<td>1</td>
<td>Elective, waives IDPT 11000</td>
<td></td>
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<tr>
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<tr>
<td>Environmental Science</td>
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<td>1</td>
<td>GEOL Introductory course</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>ENVS Elective science course</td>
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<td>French Language</td>
<td>4,5</td>
<td>1</td>
<td>FREN Elective, major, minor</td>
<td></td>
</tr>
<tr>
<td>French Literature</td>
<td>4,5</td>
<td>1</td>
<td>FREN Elective, major, minor</td>
<td></td>
</tr>
<tr>
<td>German Language</td>
<td>4,5</td>
<td>1</td>
<td>Placement-see Chair</td>
<td></td>
</tr>
<tr>
<td>History (max = 3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>United States</td>
<td>4</td>
<td>1</td>
<td>HIST-11000</td>
<td>HSS</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>2</td>
<td>HIST-11000, 11100</td>
<td>HSS</td>
</tr>
<tr>
<td>European</td>
<td>4</td>
<td>1</td>
<td>HIST-10600</td>
<td>HSS</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>2</td>
<td>HIST-10600, 10700</td>
<td>HSS</td>
</tr>
<tr>
<td>World</td>
<td>4</td>
<td>1</td>
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<td>HSS</td>
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<td></td>
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<tr>
<td>Human Geography</td>
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<td>ANTH Elective</td>
<td>HSS</td>
</tr>
<tr>
<td>Latin - Vergil</td>
<td>4,5</td>
<td>1</td>
<td>CLST Elective</td>
<td></td>
</tr>
<tr>
<td>Latin Literature</td>
<td>4,5</td>
<td>1</td>
<td>CLST Elective</td>
<td></td>
</tr>
<tr>
<td>Vergil &amp; Latin Literature</td>
<td>4,5</td>
<td>2</td>
<td>1 in CLST major or minor-see Chair</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calculus AB</td>
<td>3,4,5</td>
<td>1</td>
<td>MATH-11100</td>
<td>Q, MNS</td>
</tr>
</tbody>
</table>
## Policy on Advanced Placement Credit

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
<th>Semester</th>
<th>Course Code</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calculus BC</td>
<td>3</td>
<td>1</td>
<td>MATH-11100</td>
<td>Q, MNS</td>
</tr>
<tr>
<td></td>
<td>4,5</td>
<td>2</td>
<td>MATH-11000, 11200</td>
<td>Q, MNS</td>
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<tr>
<td>Calculus BC</td>
<td>1,2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AB Subscore</td>
<td>3,4,5</td>
<td>1</td>
<td>MATH-11100</td>
<td>Q, MNS</td>
</tr>
<tr>
<td>Statistics</td>
<td>3,4,5</td>
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<td>MATH-10200</td>
<td>Q, MNS</td>
</tr>
<tr>
<td>Music Theory</td>
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<td>1</td>
<td>MUSC Elective; Placement see Chair</td>
<td>AH</td>
</tr>
<tr>
<td>Physics</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C: Mechanics</td>
<td>4,5</td>
<td>1</td>
<td>Placement-see Chair</td>
<td>Q, MNS</td>
</tr>
<tr>
<td>C: Electr. &amp; Magnetism</td>
<td>4,5</td>
<td>1</td>
<td>Placement-see Chair</td>
<td>Q, MNS</td>
</tr>
<tr>
<td>Physics B</td>
<td>4,5</td>
<td>1</td>
<td>Placement-see Chair</td>
<td>Q, MNS</td>
</tr>
<tr>
<td>Political Science</td>
<td></td>
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<tr>
<td>United States</td>
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<td>HSS</td>
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<td>Comparative</td>
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<td>1</td>
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DEGREE REQUIREMENTS
BACHELOR OF ARTS

32 courses are required for graduation, subject to current restrictions on residency, fractional credit, transfer credit, and course load. Individual courses may be counted toward multiple requirements.

First-Year Seminar in Critical Inquiry (1 course)
Students will complete the First-Year Seminar in Critical Inquiry in their first semester.

Writing (1-2 courses)
In coordination with the First-Year Seminar Program and the Program in Writing:
- Students will demonstrate basic writing proficiency in their first year, through placement examination or completion of the College Writing course.
- Students will complete a course designated as Writing Intensive (W) in any semester between the completion of the First-Year Seminar and the beginning of Junior Independent Study.

Global and Cultural Perspectives (1-3 courses)
- Foreign Language. Students will demonstrate proficiency in a foreign language through the second-level course in a given language sequence, through placement examination or course work.
- Studies in Cultural Difference. Students will complete a course (C) that examines either a culture outside the United States or the culture of an American minority group (e.g., African American, Asian American, Hispanic or Latino American, Native American). Courses may be taught in English or in a foreign language.

Religious Perspectives (1 course)
Students will complete a course from any department or program that examines the religious dimension of humankind in relation to issues of cultural, social, historical, or ethical significance (R).

Quantitative Reasoning (1 course)
Students will demonstrate basic quantitative proficiency through completion of a course that involves a substantial element of quantitative reasoning (Q).

Learning Across the Disciplines (6 courses)
Students will complete no fewer than two approved courses in each of three academic areas: Arts and Humanities, History and Social Sciences, Mathematical and Natural Sciences.

Learning in the Major (10-16 courses)
Students will complete a major in a department or program. The number of courses required in the major shall be no less than ten and no more than sixteen, including the Independent Study Sequence. The major shall contain no more than twelve courses in the same discipline, including the Independent Study Sequence. (In addition, a maximum of fifteen credits in any one discipline may be counted toward graduation.)

Independent Study Sequence:
Junior Independent Study (Research, Methodology, or Theory) (1 course)
A one-semester course that focuses upon the research skills, methodology, and theoretical framework necessary for Senior Independent Study. The structure of this course depends upon the discipline and includes a variety of pedagogical formats, such as one-on-one mentoring experiences, small seminars, and labs.

Senior Independent Study (2 courses)
A two-semester one-on-one mentoring experience in which each student engages in independent research and creates an original scholarly work.
This Educational Planning Form is designed to help you and your advisor envision a learning progression over the next eight semesters and four summers. Our hope is that this document can facilitate conversation around your learning goals and help you to be intentional in your planning and academic participation while at The College of Wooster.

<table>
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**Year Two**

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Liberal Arts Core (LAC) Requirements:

- [ ] First Year Seminar:
- [ ] Foreign Language:
- [ ] Writing:
- [ ] Quantitative:
- [ ] Cultural Perspectives:
- [ ] Religious Perspectives:

- [ ] History & Social Sciences
  - 1.
  - 2.
- [ ] Arts & Humanities
  - 1.
  - 2.
- [ ] Math & Natural Sciences
  - 1.
  - 2.

APEX
http://apex.wooster.edu
AREAS OF STUDY

Majors and Minors
Africana Studies
Ancient Mediterranean Studies
Anthropology
Archaeology
Art – Studio
Art History
Biochemistry and Molecular Biology
Biology
Business Economics
Chemical Physics
Chemistry
Chinese Studies
Classical Studies-Classical Languages
Communication Sciences and Disorders
Communication Studies
Comparative Literature
Computer Science
East Asian Studies
Economics
Education (Minor with Teaching Licensure)
English
Environmental Studies (Minor)
Film Studies (Minor)
French
Geology
German Studies
History
International Business Economics (Minor)
International Relations
Latin American Studies (Minor)
Mathematics
Music
  B.A., Music
  B.A., Music History & Literature
  B.M., Performance
  B.M., Theory & Composition
  B.M.E., Public School Teaching
  B.M.E., Music Therapy

Neuroscience
Philosophy
Physical Education (Minor)
Physics
Political Science
Psychology
Religious Studies
Russian Studies
Sociology
South Asian Studies (Minor)
Spanish
Student – Designed Major
Theatre and Dance
Urban Studies
Women’s, Gender, and Sexuality Studies

Dual Degree Professional Programs
Architecture
Dentistry
Engineering
Forest and Environmental Studies
Polymer Science
Nursing
Social Work

Pre-Professional Advising Programs
Architecture
Business
Engineering
Forest and Environmental Studies
Health Professions
Law
Seminary Studies
Social Work
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<td>2044</td>
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<td>2352</td>
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<td>Anthropology (ANTH)</td>
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<td>Archaeology (ARCH)</td>
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<td>Christa Craven</td>
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</table>
DECLARATION OF MAJOR

Name: ___________________________ Class Year: ___________________________
Student ID #: ___________________________ Date: ___________________________

Students who wish to declare a Double Major or a Special Major must petition the Dean for Curriculum and Academic Engagement on a separate form. If you wish to declare a minor, please use a Declaration of Minor form.

******* Please check the box in front of your major *******

☐ Africana Studies                   ☐ Geology
☐ Anthropology                       ☐ German Studies
☐ Archaeology                        ☐ History
☐ Art – Studio                       ☐ International Relations
☐ Art History                        ☐ Home Department – History
☐ Biochemistry/Molecular Biology      ☐ Home Department – Economics
☐ Biology                            ☐ Home Department – Political Science
☐ Business Economics                  ☐ Mathematics
☐ Chemical Physics                   ☐ Music
☐ Chemistry                          ☐ B.A., Music
☐ Chinese Studies                    ☐ Primary Instrument
☐ Classical Studies
☐ Ancient Mediterranean Studies      ☐ B.M., History & Literature
☐ Classical Languages                ☐ Primary Instrument
☐ Communication Sciences & Disorders ☐ B.M., Performance
☐ Comparative Literature             ☐ (audition required)
☐ Computer Science                   ☐ Primary Instrument
☐ East Asian Studies                 ☐ B.M., Theory & Composition
☐ Economics                          ☐ (audition required)
☐ English                            ☐ Primary Instrument
☐ French

Music
☐ B.A., Music
☐ Primary Instrument

Neuroscience
☐ Cognitive Behavioral Track
☐ Neurobiology Track
☐ Cellular Neurophysiology Track

Philosophy
☐ Physics

Political Science
☐ Comparative Politics
☐ Government & Politics in the US
☐ International Relations
☐ Political Theory

Psychology
☐ Religious Studies
☐ Russian Studies
☐ Sociology
☐ Spanish

Theatre & Dance
☐ Urban Studies
☐ Women's, Gender, & Sexuality Studies

Any requests for specific advisers within the department should be directed to the Chairperson of that department.

Signature of department Chairperson: ___________________________  (Department in which you are declaring a major)
New academic adviser (please print): ___________________________  (To be determined by Chairperson)
Signature of your present adviser: ___________________________

PLEASE RETURN COMPLETED FORM TO THE OFFICE OF THE REGISTRAR.
DECLARATION OF MINOR

Name: ___________________________________________ Class Year: _______________

Student ID #: ___________________________________ Date: ______________________

You must declare a major before you may declare a minor. A student may declare one or two minors, consisting of six courses in a department or program. Courses in either minor may not count for the other minor nor be courses in the major department. Please refer to The Catalogue for specific minor requirements.

The deadline to declare a minor is March 1st of the senior year.

****** Please check the box in front of your minor ******

☐ Africana Studies  ☐ Computer Science  ☐ Music
☐ Ancient Mediterranean Studies  ☐ East Asian Studies  ☐ Philosophy
☐ Anthropology  ☐ Economics  ☐ Physical Education
☐ Archaeology  ☐ Education  ☐ Physics
☐ Art - Studio  ☐ English  ☐ Political Science
☐ Art History  ☐ Environmental Studies  ☐ Psychology
☐ Biology  ☐ Film Studies  ☐ Religious Studies
☐ Chemistry  ☐ French  ☐ Russian Studies
☐ Chinese Studies  ☐ Geology  ☐ Sociology
☐ Classical Studies  ☐ German Studies  ☐ South Asian Studies
  ☐ Ancient Mediterranean Studies  ☐ History  ☐ Spanish
  ☐ Classical Languages  ☐ International Business Economics  ☐ Theatre & Dance
  ☐ Communication Sciences & Disorders  ☐ Latin American Studies  ☐ Urban Studies
☐ Communication Studies  ☐ Mathematics  ☐ Women’s, Gender & Sexuality Studies
☐ Comparative Literature

Signature of department Chairperson(s): ____________________________________________

(Department in which you are declaring a minor)

______________________________________________________________________________

(Department in which you are declaring a 2nd minor, if applicable)

PLEASE RETURN COMPLETED FORM TO THE OFFICE OF THE REGISTRAR.

CHANGE OF MINOR

Previous Minor: _________________________________________________________________

New Minor: _________________________________________________________________

Signature of department Chairperson: __________________________________________

(Department in which you are declaring the new minor)

PLEASE RETURN COMPLETED FORM TO THE OFFICE OF THE REGISTRAR.

Registrar’s Office Use Only
Processing staff initials and date: ____________________________________________
Rev. May-2010 13:Commons\FORMS\Declaration-Change of Minor
AFRICANA STUDIES

Chair: Josephine Wright
Scheide 216
extension 2044
jwright@wooster.edu

I. Courses Appropriate for First-Year Students, 2013-14
Africana Studies 10000 Introduction to Africana Studies
Africana Studies 20000 Special Topics in Africana Studies
Africana Studies 24200 Martin, Malcolm, and Mandela
Africana Studies 24400 Cinema of African/African Diaspora
Africana Studies 24700 Black Nationalism
Note: For 2013-14 the Department of Africana Studies has waived the prerequisite of AFST 10000 or higher or permission of the instructor for all courses above 20000, except Africana Studies 21300W.

II. Other Courses to Consider for Students Interested in this Area
Art 22000 African Art
Art 23000 African-American Art
English 21007 Black Literature and Culture
English 23002 Contemporary African American Literature
History 11500 History of Black America
Music 16500 Gospel Choir (.125 credit)
Philosophy 23400 African Philosophy
Sociology 21400 Racial and Ethnic Groups in American Society

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)
AFST 21300 (W) Racism 101

IV. Major in Africana Studies
Consists of twelve courses:
- AFST 10000
- Four 20000-level Africana Studies courses
- One 30000-level Africana Studies course
- Three electives from Africana Studies or cross-listed courses accepted for AFST credit (all courses must be from the approved list printed in the Catalog)
- Junior Independent Study: AFST 40100
- Senior Independent Study: AFST 45100
- Senior Independent Study: AFST 45200

V. Special Notes
Course sequence suggestions for majors:

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<td>Sophomore Year:</td>
<td>AFST 21300 One AFST 20000-level course One elective from AFST or cross-listed courses</td>
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<td>Junior Year:</td>
<td>One AFST 20000-level course One AFST 30000-level course One elective from AFST or cross-listed courses AFST 40100</td>
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<td>Senior Year:</td>
<td>AFST 45100, 45200 One elective from AFST or cross-listed courses</td>
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</tbody>
</table>
ANTHROPOLOGY

Chair: Thomas Tierney
Kauke 011
extension 2153
ttierney@wooster.edu

I. Courses Appropriate for First-Year Students

Sociology 10000  Introduction to Sociology
Anthropology 11000  Introduction to Anthropology
Anthropology 11100  Topics in Anthropology
Sociology 11100  Topics in Sociology

II. Other Courses to Consider for Students Interested in this Area

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)

Anthropology 20500  Political Anthropology
Anthropology 21100  Advanced Topics in Anthropology
Anthropology 23000  Magic, Witchcraft, and Religion
Anthropology 23100  Peoples and Cultures
Sociology 20600  Urban Sociology
Sociology 21100  Advanced Topics in Sociology
Sociology 21400  Racial and Ethnic Groups in American Society
Sociology 21700  Blacks in Contemporary American Society
Any 20000-level course

IV. Major in Anthropology

Consists of twelve courses:
  • ANTH 11000
  • SOCI 10000
  • One of the following courses: ANTH 21000, 22000, or ARCH 10300
  • ANTH 23100
  • SOAN 24000
  • One of the following courses: ANTH 34100 or SOCI 34200
  • Two elective Anthropology courses (see note below)
  • One elective Anthropology, Sociology, or Sociology/Anthropology course
    (see note below)
  • Junior Independent Study Equivalent: ANTH 35200.
  • Senior Independent Study: ANTH 45100
  • Senior Independent Study: ANTH 45200

V. Special Notes
  • A second or third course from ANTH 21000, 22000, or ARCH 10300, or a
    second 300-level methods course (SOCI 34200 or ANTH 34100) may count as
    electives for the requirements for the major.
  • Anthropology majors who plan to attend graduate school are strongly
    encouraged to take ANTH 34100 (Ethnographic Methods).
  • Anthropology majors who elect to participate in the 3-2 program in Social
    Work at Case Western Reserve University (see Pre-Professional and Dual Degree
    Programs) must complete all requirements in the major except Senior
    Independent Study. Students should see the department chairperson for more
    details about this arrangement.
Chair: Nick Kardulias
Kauke 020
extension 2474
pkardulias@wooster.edu

I. Courses Appropriate for First-Year Students
   Archeology 10300  Introduction to Archaeology
   Anthropology 11000  Introduction to Anthropology
   Art 10100  Introduction to Art History
   Art 15100  Introduction to Drawing
   Geology 10000  History of Life
   Geology 10500  Geology of Natural Hazards
   History 20000  Traditional China
   History 20500  Roman Civilization
   History 20600  Medieval Europe, 500-1350

II. Other Courses to Consider for Students Interested in this Area
   It is recommended that students try to fill general education requirements by
taking classes in any of the designated areas.

III. Courses Beyond the Introductory Level
   (Determined by AP credit, Placement Tests, or Special Permission)
   Perhaps a class in Latin or Greek, but students should consult with me for
   relevance to an archaeology major.

IV. Major in Archaeology
   Consists of fourteen courses:
   • ARCH 10300
   • ANTH 11000
   • GEOL 10500
   • ARCH 21900
   • ARCH 35000
   • Four electives in one area of emphasis taken from cross-listed courses
     accepted for ARCH credit
   • Two electives in a second area of emphasis taken from cross-listed courses
     accepted for ARCH credit
   • Junior Independent Study: ARCH 40100
   • Senior Independent Study: ARCH 45100
   • Senior Independent Study: ARCH 45200

V. Special Notes
   • The chairperson of Archaeology will approve a substitute for ARCH 21900
     for majors and minors unable to schedule the course.
ART HISTORY

Chair: John Siewert
Ebert 115
extension 2546
jsiewert@wooster.edu

I. Courses Appropriate for First-Year Students

The following Art History courses are recommended for first-year students:

- ARTH 10100  Introduction to Art History I (fall)
- ARTH 10200  Introduction to Art History II (fall and spring)

II. Other Courses to Consider for Students Interested in this Area

First-year students may be able to take 20000-level courses in art history without previously taking either section of Introduction, depending on their ability, background, and the content of the course. Check with individual instructors, and for any prerequisites listed in the Catalog. Students considering a major in Art History are strongly encouraged to take 10100 and 10200 early in their academic careers (i.e., in their first or sophomore years).

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)

AP credit with a score of 4 or 5 will count toward either Art 10100 or Art 10200.

IV. Major in Art History

Consists of twelve courses:

- ARTH 10100
- ARTH 10200
- One of the following courses: ARTH 20100, IDPT 24000 or 24100
- One of the following courses: ARTH 20600 or 20700
- One of the following courses: ARTH 20800, 21000, or 21200
- One of the following courses: ARTH 20400, 21400, or 22000
- One of the following courses: ARTH 21600, 22000, 22100, 22300, 22400, or 23000
- One elective 30000-level Art History course (excluding ARTH 32500)
- One elective course in Studio Art
- Junior Independent Study: ARTH 40100
- Senior Independent Study: ARTH 45100
- Senior Independent Study: ARTH 45200

V. Double Major in Art History and Studio Art

Students may pursue a double major in Art History and Studio Art. Students considering a double major should see the Department Chair for advising early in their college studies.

VI. Major in Art History with a minor in Studio Art

Students interested in pursuing a major in Art History and a minor in Studio Art should meet with an Art History faculty member for advising early in their college studies.

VII. Special Notes

- AP credit for either ARTH 10100 or ARTH 10200 is granted with a score of 4 or 5 on the AP Examination in Art History.
ART HISTORY

- Prospective majors are strongly encouraged to take ARTH 10100 and 10200 as their first Art History courses, and to take them in sequence.
- ARTH 32500 (Museum Studies) does not count toward the major or minor.
- At least one of the student's 200-level courses must be Writing-Intensive.
- Two courses in Studio Art are strongly recommended for the major.
- Junior Independent Study in Art History (ARTH 40100) is a one-semester seminar course, taught only in the Fall. Art History majors must plan off-campus study so that it does not conflict with this course.
- Courses taken S/NC will not fulfill requirements for a major or minor in Art History.
- Only grades of C- or better are accepted for the major or minor in Art History.
I. Courses Appropriate for First-Year

ARTS 15100, Introduction to Drawing, is considered the gateway course to the studio art major; it is required for Introduction to Painting and recommended for Introduction to Printmaking. We urge first year students to take Introduction to Drawing in fall, before taking other studio courses.

The following 10000-level courses do not carry prerequisites and are also appropriate for incoming first years:

- ARTS 16300 Introduction to Sculpture
- ARTS 16500 Introduction to Ceramics
- ARTS 15900 Introduction to Photography
- ARTS 15700 Introduction to 2-D Design (not offered in 2013-14)
- ARTS 16100 Introduction to 3-D Design (not offered in 2013-14)

The following 10000-level courses carry prerequisites:

- ARTS 15300 Introduction to Painting—prerequisite ARTS 15100-Introduction to Drawing
- ARTS 17100 Introduction to Digital Imaging—prerequisite any 10000-level studio course.

Students who received AP score of 4 or 5 or who have taken the foundations courses at another college may register for ARTS 15300 and ARTS 17100 with permission of instructor.

Students considering a Studio Art major should take at least one studio course every semester, but no more than two studio courses per semester. Prospective majors should meet with a Studio Art faculty member to discuss courses and study plans.

II. Other Courses to Consider for Students Interested in this Area

Intermediate and advanced level studio courses (20000 and 30000 level courses) can be taken only after successfully completing the appropriate introductory level course or having received AP credit in Studio Art (see III).

III. Courses Beyond the Introductory Level
(Determined by AP Credit, IB Credit, Placement Test, or Special Permission)

A score of 4 or 5 on an appropriate AP test and a score of 6 or 7 on an appropriate IB test, and permission of the instructor may exempt a student from taking an introductory level course. To receive permission to enroll in intermediate level course, the student must present the instructor with a portfolio of work completed for AP or IB credit. In special circumstances, students without AP credit may take an intermediate level studio course in a particular medium, if they present the instructor with a portfolio of artwork (appropriate to the requested course) and receive the instructor’s permission.

IV. Major in Studio Art

Consists of eleven courses:
ART-STUDIO

- ARTH 10100 or ARTH 10200
- ARTS 15100
- One of the following 10000-level courses: ARTS 16100, 16300, or 16500
- One elective 10000-level Studio Art course
- ARTS 25100
- One of the following courses: ARTH 21600, 22200, or 36000
- Two elective Studio Art courses at the 20000-level or above
- Junior Independent Study: ARTS 40100
- Senior Independent Study: ARTS 45100
- Senior Independent Study: ARTS 45200

V. Double Major in Studio Art and in Art History

Students may pursue a double major in Studio Art and Art History. Students considering a double major should see the Department Chair for advising early in their college studies.

VI. Major in Studio Art with a Minor in Art History

Students interested in pursuing a major in Studio Art and a minor in Art History should meet with a Studio Art faculty member for advising early in their college studies.

VII. Special Note

- AP credit in studio art is granted with a grade of 4 or 5 on the Studio Art General Portfolio or the Studio Art Drawing Portfolio, and a faculty portfolio review of artwork submitted to the AP Board.
- To declare a major in Studio Art, a student should have completed at least three courses in art, two of which must have been studio courses.
- Junior Independent Study in Studio Art (ARTD 40100) is a one-semester course that offers majors an opportunity to integrate techniques with creative concepts and serves as a preparatory experience for the two-semester Senior Independent Study (ARTD 45100 and 45200). ARTD 40100 is offered only in the Spring semester. Students must plan off-campus study so that it does not conflict with this course.
I. Courses Appropriate for First-Year Students
   CHEM 11000: Introductory Chemistry                      Fall
   CHEM 12000: Principles of Chemistry                     Fall and Spring
   BIOL 20000: Foundations of Biology                      Fall and Spring
   BIOL 20100: Gateway to Molecular & Cellular Biology     Fall and Spring

II. Other Courses to Consider for Students Interested in this Area
    Students interested in this major must take CHEM 12000 during their first year.
    CHEM 11000 is not necessarily required for the major, but may be required for
    CHEM 12000 (see below). Neither of these chemistry courses will close-out
    during registration.

    Students are highly recommended to take BIOL 20000 and 20100 during the first
    year. These biology courses will not close-out to first-years during registration.

    Additional courses to consider taking during first year:
    Mathematics 11100: Calculus and Analytical Geometry (or as an
    alternative: Math 10700 and Math 10800)

III. Courses Beyond the Introductory Level
     (Determined by AP Credit, Placement Test, or Special Permission)
     ALL students planning to take a chemistry course should take the Placement
     Exam, administered by the Chemistry Department during orientation week.
     Results of this placement exam will indicate whether a student should enroll in
     CHEM 11000, CHEM 12000, or, if the student shows extraordinary mastery of
     general chemistry concepts, CHEM 21100 (Organic Chemistry I). Students with
     AP Chemistry scores of 4 and 5 should consult with the Chairperson of
     Chemistry concerning placement.

     Students with AP Biology score of 4 or 5 and a strong background in chemistry
     should consult the Chairperson of Biology concerning the possibility of placing
     out of BIOL 20000 and directly into BIOL 20100.

IV. Major in Biochemistry and Molecular Biology
    Consists of sixteen courses:
    • CHEM 11000 (see note below)
    • CHEM 12000
    • MATH 11100 (see note below)
    • BIOL 20000
    • BIOL 20100
    • CHEM 21100
    • CHEM 21200
    • One of the following courses: PHYS 20300 or 10100
    • BIOL 30500
    • BIOL 30600
    • BCMB 30300
    • BCMB 33100
    • One of the following courses: BCMB 33200 or 33300 or CHEM 33400
    • Junior Independent Study: BCMB 40100
BIOCHEMISTRY AND
MOLECULAR BIOLOGY

- Senior Independent Study: BCMB 45100
- Senior Independent Study: BCMB 45200

V. Special Notes
- Refer to the catalogue section for Chemistry for information concerning CHEM 110/120 placement exams. Students who place out of CHEM 110 must take one elective from the following: BCMB 332, 333, BIOL 304, 307, 335, 380, CHEM 215, 334, or IDPT 200-13.
- The MATH 111 requirement may be fulfilled by successful completion of both MATH 107 and 108.
- There is no minor in Biochemistry and Molecular Biology.
- A student may not double major in Biochemistry and Molecular Biology with Biology or Chemistry.
- To complete the Biochemistry and Molecular Biology major, students should follow the sequence below:

<table>
<thead>
<tr>
<th>First Year:</th>
<th>CHEM 12000 (and 11000, if needed)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BIOL 20000, 20100</td>
</tr>
<tr>
<td>Sophomore Year:</td>
<td>CHEM 21100, 21200</td>
</tr>
<tr>
<td></td>
<td>BIOL 30500, 30600</td>
</tr>
<tr>
<td></td>
<td>MATH 11100 (or 10700 and 10800)</td>
</tr>
<tr>
<td></td>
<td>PHYS 20300 (or 10100)</td>
</tr>
<tr>
<td>Junior Year:</td>
<td>BCMB 30300, 33100, and either 33200 or 33300 or CHEM 33400</td>
</tr>
<tr>
<td></td>
<td>BCMB 40100</td>
</tr>
<tr>
<td>Senior Year:</td>
<td>BCMB 45100, 45200</td>
</tr>
<tr>
<td></td>
<td>One required elective for students placing out of CHEM 11000</td>
</tr>
</tbody>
</table>

- A student who desires to replace a course listed above with a different course to count toward the major can petition the BCMB Curriculum Committee.
- Students interested in going to graduate school in chemistry, biochemistry, pharmacology, molecular biology, and related fields or intending to pursue careers in biotechnology or the pharmaceutical industry should also take as many as possible of the suggested electives above, and the following courses: CHEM 31800, 31900, PHYS 20400 (or 10200), and MATH 11200.
- Required courses in the major, including Physics and Mathematics, must be passed with a grade of C- or higher. All courses must be taken concurrently with the corresponding laboratory.
Chair: Marilyn Loveless
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extension 2022
mloveless@wooster.edu

I. Courses Appropriate for First-Year Students

Students planning to major in the life sciences (Biology, BCMB, or Neuroscience) should take both Chemistry 11000 and Biology 20000 in their first semester. Neither of these courses has a laboratory, and thus enrolling in these courses concurrently should not be overly demanding and is highly recommended. Students not prepared to take two science courses in their first semester at the College should elect Chemistry 11000, so that their progress through the biology major is not significantly delayed by lack of appropriate prerequisites. However, taking both CHEM 11000 and BIOL 20000 would be an appropriate load for an incoming First-year Student with an interest in the sciences.

During each semester of the first year, prospective majors should ideally enroll in one of the three introductory courses to the biology major (Biology 20000, 20100, and 20200). Biology 20000 is offered every semester and does not have an accompanying lab. Biology 200 001 is a prerequisite for both Biology 20100: Gateway to Molecular and Cellular Biology and Biology 20200: Gateway to Ecology, Evolution and Organismal Biology. Biology 20001 and 20200 both include mandatory laboratory sections. They can be taken in either order, and the courses are taught in both the spring and the fall. However, since more labs are available in the spring semester, we encourage students intending to be Biology majors (and not Biochemistry and Molecular Biology or Neuroscience majors) to enroll in Biology 20200 in the spring of their first year. They would then take Biology 20100 in the fall of their sophomore year. Students whose likely major will be BCMB or Neuroscience should enroll in Biology 20100 in the spring semester. Biology 20200 is not required for BCMB or Neuroscience majors. It is important to remember that Biology 20100 requires Chemistry 12000 be taken concurrently or previously. Thus, enrolling in Chemistry 11000 or placing out of Chemistry 11000 in the first semester is important for students who plan to make steady progress in a life sciences major.

II. Other Courses to Consider for Students Interested in this Area

Because Biology 20100 and many upper-level biology courses require introductory chemistry, it is highly recommended that prospective majors enroll in Chemistry 11000 in the fall and Chemistry 12000 in the spring of their first year (or CHEM 12000 in the fall, with appropriate placement). If first-years are taking Chemistry (11000 or 12000) and an appropriate Introductory Biology course (20000, 20100, or 20200, depending on placement) each semester, they are best served by taking general education courses (which could include introductory geology courses) for their additional classes in their first year.

III. Courses Beyond the Introductory Level

(Determined by AP Credit, Placement Test, or Special Permission)

All entering students are encouraged to take the Biology placement exam before arriving on campus. This exam, taken online, will help to determine if the student places out of Biology 20000. Students with a score of 5 on the AP Exam in Biology are awarded credit for Biology 20000, and should begin their biology major with one of the Gateway courses. Biology 20100 is open to advanced placement students only if they also place out of Chemistry 11000, and they must then co-register in Chemistry 12000 along with Biology 20100. Biology 20200 would be an appropriate fall option for students if they have placed out of Biology 20000 but still need to take CHEM100 110. The two
Gateway courses act as prerequisites for different 30000-level courses in Biology, and students who take one of the Gateway courses in the fall may enroll in certain 30000-level courses in the spring of their first year. However, we caution that even well-prepared students have had difficulty making the transition to upper-level biology courses in the first year. Students should talk with the Chair and with the course instructor before enrolling in 30000-level classes in their first year.

IV. Major in Biology
Consists of fifteen courses:
- CHEM 12000
- One of the following courses: MATH 10700, 11100, CHEM 21100, PHYS 10100, or 20300
- BIOL 20000
- BIOL 20100
- BIOL 20200
- BIOL 20300 (required of all Biology majors)
- Five elective 30000-level Biology courses
- One elective 30000-level Biology course (included in the five above) to satisfy the Breadth Requirement (see note below)
- Junior Independent Study: BIOL 40100
- Senior Independent Study: BIOL 45100
- Senior Independent Study: BIOL 45200

V. Special Notes
- The Breadth Requirement: The Department of Biology feels that Biology majors should appreciate and understand a range of topics across the broad field of biology. Students are introduced to a diversity of biological topics in our Gateway course sequence (BIOL 20100 and 20200) and then develop additional depth in each subdivision by completing at least one course from each of the two major subdivisions, as organized below.

<table>
<thead>
<tr>
<th>Molecular and Cellular Biology</th>
<th>Ecology, Evolution, and Organismal Biology</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 30400. Human Physiology</td>
<td>BIOL 31100. Natural History of Vertebrates</td>
</tr>
<tr>
<td>BIOL 30500. Cell Physiology</td>
<td>BIOL 32300. Natural History of Invertebrates</td>
</tr>
<tr>
<td>BIOL 30600. Genes and Genomes</td>
<td>BIOL 34000. Field Botany</td>
</tr>
<tr>
<td>BIOL 30700. Development</td>
<td>BIOL 344000. Comparative Animal Physiology</td>
</tr>
<tr>
<td>BIOL 36600. Immunology</td>
<td>BIOL 35200. Animal Behavior</td>
</tr>
<tr>
<td>BIOL 38000. Neurobiology</td>
<td>BIOL 35600. Conservation Biology</td>
</tr>
<tr>
<td>BCMB 30300. Techniques in BCMB</td>
<td>BIOL 37700. Behavioral Endocrinology</td>
</tr>
<tr>
<td>BCMB 33100. Principles of Biochemistry</td>
<td></td>
</tr>
<tr>
<td>BCMB 33200. Biochemistry of Metabolism</td>
<td></td>
</tr>
<tr>
<td>BCMB 33300. Chemical Biology</td>
<td></td>
</tr>
</tbody>
</table>

The course BIOL 36000 Evolution synthesizes the major organizational levels in biology for a deeper understanding of this foundational biological principle. Thus, BIOL 36000 is not applicable to either subdivision but does count for elective credit towards the major. Students are strongly encouraged to complete the breadth requirement before
beginning BIOL 45100 so that they can incorporate a range of biological concepts and tools into their Independent Study thesis project.

- The Foundations course, BIOL 20000, must be taken as the first course by all Biology majors (unless the student has received placement credit). The Gateway courses (BIOL 20100, 20200) may be taken in any order but should be completed by the end of the sophomore year and before enrolling in Junior Independent Study (BIOL 40100). BIOL 20300 (Research Skills) must also be completed before enrolling in BIOL 40100. It is offered only in the fall semester. One or both of the Gateway courses is a prerequisite to each upper-level course, although a student may be admitted to an upper-level course by permission of the instructor without having completed the prerequisite, when justifiable.
- CHEM 12000 must be taken before or with BIOL 20100 and is a prerequisite to several 30000-level Biology courses; it should therefore be completed in the first year. Students should complete as many Biology courses as possible, but at minimum one 30000-level course, before beginning Junior Independent Study.
- BIOL 40100 must be completed before the student enrolls in BIOL 45100, and is normally taken in the second semester of the junior year. Students planning a semester off campus should consult with a Biology adviser early in the planning stage. Off-campus study is best scheduled for spring of the sophomore year or fall of the junior year.
- Course sequence suggestions for BIOLOGY majors:

<table>
<thead>
<tr>
<th>Year</th>
<th>Courses</th>
</tr>
</thead>
</table>
| First Year    | BIOL 20000, 20200  
                | CHEM 11000, 12000 |
| Sophomore Year| BIOL 20100 and BIOL  
                | 20300 (Fall)  
                | One 30000-level elective  
                | (Spring) |
| Junior Year   | BIOL 40100  
                | Two 30000-level electives  |
| Senior Year   | BIOL 45100, 45200  
                | Two 30000-level electives  |

- The Biochemistry and Molecular Biology courses (BCMB 30300, 33100, 33200) count toward the Biology major and minor and are considered Biology courses for purposes of determining departmental honors. BIOL 10000, 39500, 40000, 40200 and 40300 courses do not count toward the major or minor, nor do they apply to Honors calculations.
- Biology majors contemplating graduate or professional school are strongly encouraged to take a full year of Organic Chemistry (CHEM 21100, 21200), a full year of general physics (PHYS 10100, 10200, or 20300, 20400), and at least one course in calculus.
- **Laboratory Grade Policy:** Biology courses with a laboratory will receive one grade that reflects performance in both the classroom and laboratory components; the relative weight of the two components will be stated in each course syllabus. Because the Registrar requires a grade for both the course and the laboratory, the course grade and the laboratory grade recorded on student transcripts will be identical.
- **Advanced Placement:** Students receiving a score of 5 on the Advanced Placement Examination in Biology will receive credit for Foundations of Biology (BIOL 20000). With a score of 4 on the Biology AP exam a student can receive one course credit in BIOL 10000 Topics in Biology, or upon successful completion of the Biology Placement exam may receive one course credit for Foundations of Biology (BIOL 20000). Advanced placement credit cannot be substituted for any other Biology courses than those specified above. To receive appropriate Biology credit for AP scores, please contact the Chairperson of the Biology department. The advanced placement policy of the College is explained in the section on Admissions.
- **Off Campus Study:** Off-campus study can be a valuable and enriching part of the college curriculum, and we encourage our students to consider off-campus study as a means of augmenting and enhancing their study of biology. Students who would like to include this in their program of study are encouraged to talk with a
departmental faculty member in their first year, and to think about scheduling choices that would make this possible. Biology courses taken at other institutions may count toward the major for up to two 30000-level courses. Students should discuss their proposed course electives with the department chair prior to their study-abroad experience (or prior to enrolling in courses at other institutions) to determine whether the courses are equivalent to Wooster courses, and whether they will count toward the major.

- **Non-Science Majors:** Biological information has become increasingly important as citizens face crucial decisions on such issues as the environment, emerging diseases, genetic engineering, and our aging population as well as debate ethical questions rooted in science. To gain an appreciation of how biologists approach and understand life processes, non-science majors may enroll in either *Topics in Biology* (BIOL 10000) or *Foundations of Biology* (BIOL 20000). *Topics in Biology* (BIOL 10000) courses address specific topical issues in applied biology on a rotating basis (see catalogue description). *Foundations of Biology* (BIOL 20000) is intended as an entry course for students considering a major in one of the Biological Sciences, and focuses on a serious study of the conceptual underpinnings of genetics and evolution as they relate to the field of biology. For students interested in a more extensive laboratory experience, BIOL 20100 or 20200 would be appropriate after first completing BIOL 20000.

- A maximum of fifteen courses (including BCMB 30300, 33100, and 33200) from the Department of Biology may count toward the College’s thirty-two course graduation requirement.
I. Courses Appropriate for First-Year Students
   Economics 10100, Principles of Economics
   Business Economics 11900, Financial Accounting*
   *The Department recommends that students do not take Business Economics 11900 until the second semester of their first year.

II. Other Courses to Consider for Students Interested in this Area
    Math 10400, Math 10800, Math 11100

III. Courses Beyond the Introductory Level
     (Determined by AP Credit, Placement Test, or Special Permission)
     The Department does not recommend that first-semester first-year students take 20000-level courses.

IV. Major in Business Economics
    Consists of fifteen courses:
    • BUEC 11900
    • ECON 10100
    • ECON 11000 (see note below)
    • One of the following courses: MATH 10400, 10800, or 11100
    • ECON 20100
    • ECON 20200
    • ECON 21000 (see note below)
    • Three elective Business Economics courses one at the 30000 level
    • Two elective Economics courses
    • Junior Independent Study: BUEC 40100
    • Senior Independent Study: BUEC 45100
    • Senior Independent Study: BUEC 45200

V. Special Notes
    • Majors may substitute MATH 24100 for ECON 11000 and MATH 24200 for ECON 21000.
    • Majors who do not place into MATH 10400 or 11100 on the Mathematics placement test should take MATH 10300 or MATH 10700 as soon as possible in their College career to prepare them for MATH 10400 or 10800 and to provide a basis for their Economics courses.
    • ECON 10100, ECON 11000, and MATH 10400 should be completed no later than the end of the student’s fifth semester. The department recommends that students considering graduate study in Economics enroll in MATH 11100 rather than MATH 10400 and that they also take calculus through MATH 11200.
    • Either ECON 20100 or 20200, preferably both, must be taken prior to enrolling in BUEC 40100.
    • The minor in International Business Economics must be taken in conjunction with a language major (currently French, German, or Spanish) selected by the student.
    • There is no general Business Economics minor. The non-major who desires a background in business economics is urged to take BUEC 11900, ECON 10100 and 11000, MATH 10400, and other elective Business Economics courses according to his or her interests.
    • Business Economics majors are not permitted to take courses in the major on an S/NC basis.
CHEMISTRY

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I. Courses Appropriate for First-Year Students.
Chemistry 10100 for non-science majors: Chemistry and the World in Which We Live
(Spring only)
Chemistry 11000 (Introductory Chemistry; offered Fall only; no laboratory)
Chemistry 12000 (Principles of Chemistry; offered Fall and Spring; includes
laboratory)

II. Other Courses to Consider for Students Interested in this Area
Students planning a biology, biochemistry and molecular biology, chemistry, or geology
major need to take Chemistry 11000 or Chemistry 12000 in their first year to be "on
track" for the major. Students who are interested in taking Chemistry 11000 or 12000
are encouraged to take the departmental placement exam. If the student's
performance demonstrates mastery of the material in Chemistry 11000 or 12000, he
or she may be advanced to either Chemistry 12000 or 21100, respectively. We also
strongly encourage students considering chemistry as a major to get started with their
calculus classes.

Students who want to learn more about chemistry are encouraged to take either
Chemistry 10100 or Chemistry 11000. Each of these courses counts as a general
education requirement in Mathematics and Natural Sciences (MNS) and fulfill the
Quantitative Reasoning (Q) requirement.

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)
Students with a score of 4 or 5 on the AP exam in Chemistry automatically receive credit
for one general chemistry course. Such students will be placed in Chemistry 12000
or 21100, depending upon the results of the departmental placement exam
administered during orientation week.

International students with a certificate from a foreign Baccalaureate program may receive
either one or two chemistry course credits. A student who intends to take chemistry
courses at the College should take the departmental placement exam. If the student
places into 12000, he or she will receive 1 credit for 11000. If the student places into
21100, he or she will receive credit for 11000 and 12000 (2.250 credits). Students who
do not intend to take chemistry courses at Wooster and do not need 11000/12000 to
satisfy a requirement for another major do not need to take the placement exam; they
will receive 2 elective credits, which will count toward the Mathematics and Natural
Sciences general education requirement.

IV. Major in Chemistry
Consists of sixteen courses;
• CHEM 12000 (see note below)
• MATH 11100
• MATH 11200
• CHEM 21100
• CHEM 21200
• CHEM 21500
• PHYS 20300 (or 10100)
• PHYS 20400 (or 10200)
• CHEM 31800
• CHEM 31900
• CHEM 34000
CHEMISTRY

- Two of the following courses: CHEM 21600, 31300, 31600, 32000, 34100, 39900, BCMB 30300, 33100, 33200, or 33300 (see note below)
- Junior Independent Study: CHEM 40100
- Senior Independent Study: CHEM 45100
- Senior Independent Study: CHEM 45200

V. Special Notes

- Students who intend to take Chemistry courses at Wooster should take the Chemistry placement exam. Enrollment into CHEM 12000 requires satisfactory performance on the Chemistry Department placement exam, completion of CHEM 1100 with a C- or better, or AP Chemistry credit. Students who test out of CHEM 1100 without AP Chemistry credit do not receive credit for CHEM 1100.
- For the major, students who begin in CHEM 1100 are only required to take one elective, and CHEM 31900 will count as their second elective for the major.
- For the minor, students who begin with CHEM 1100 are only required to take two Chemistry courses at or above the 20000-level.
- The MATH 11100 requirement may be fulfilled by the successful completion of both MATH 10700 and 10800.
- Concurrent enrollment in both class and laboratory is required for students taking a course with a laboratory component. Students who do not complete the class or laboratory component of a course with a C- or better must repeat both the class and the laboratory.
- A student may not take CHEM 10100 concurrent with or after CHEM 12000.
- A student who presents a score of 4 or 5 on the Advanced Placement Examination in Chemistry automatically receives credit for CHEM 1100. Students who take the Chemistry Department placement exam will be placed into Principles of Chemistry (CHEM 12000) or Organic Chemistry I (CHEM 21100) depending upon the exam results.
- International students with a certificate from a foreign Baccalaureate program may receive either one or two Chemistry course credits. Students who take the Chemistry Department placement exam will be placed into Principles of Chemistry (CHEM 12000) or Organic Chemistry I (CHEM 21100) depending upon the department placement exam results. If the student places into Principles of Chemistry (CHEM 12000), 1.0 credit will be awarded for CHEM 1100. If the student places into Organic Chemistry I (CHEM 21100), 2.25 credits will be awarded for CHEM 1100, CHEM 12000, and CHEM 12200.
- Chemistry majors who plan to attend graduate school are strongly encouraged to pursue an ACS-certified degree. The requirements for an American Chemical Society Certified Degree are summarized below:
  - Chemistry: CHEM 12000, 21100, 21200, 21500, 31800, 31900, 34000, 40100, 45100, 45200, BIOL 20000, BCMB 33100, MATH 11100, 11200, PHYS 20300, 20400. This differs from the minimal Wooster major by two courses: Principles of Biochemistry (BCMB 33100) and its prerequisite Foundations of Biology (BIOL 20000).
  - Chemistry/Chemical Physics: CHEM 12000, 21100, 21200, 21500, 31800, 31900, 34000, BIOL 20000, BCMB 33100, MATH 11100, 11200, PHYS 20300, 20400, two Physics courses beyond PHYS 20400, two advanced courses in theoretical chemistry, physics, or math; CHEM or PHYS 40100, 45100, 45200.
  - Chemistry/Biochemistry: CHEM 12000, 21100, 21200, 21500, 31800; BCMB 30500, 33100; BCMB 33200 or 33300; MATH 11100, 11200; PHYS 20300, 20400; BIOL 20000, 20100; BIOL 30500, 30600 or 33500; BCMB or CHEM 40100, 45100, 45200.

Students considering a Chemistry major should consider one of the sequences below beginning in CHEM 12000 with sufficient math preparation:

<table>
<thead>
<tr>
<th></th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year</td>
<td>CHEM 12000</td>
<td>CHEM 21500</td>
</tr>
<tr>
<td></td>
<td>MATH 11100</td>
<td>MATH 11200</td>
</tr>
<tr>
<td>Sophomore</td>
<td>CHEM 21100</td>
<td>CHEM 21200</td>
</tr>
<tr>
<td>Year</td>
<td>PHYS 20300 (or 10100)</td>
<td>PHYS 20400 (or 10200)</td>
</tr>
</tbody>
</table>

(ii) beginning in CHEM 11000 with additional math preparation needed:
<table>
<thead>
<tr>
<th></th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Year</strong></td>
<td>CHEM 11000</td>
<td>CHEM 12000</td>
</tr>
<tr>
<td></td>
<td>MATH 10700</td>
<td>MATH 10800</td>
</tr>
<tr>
<td><strong>Sophomore Year</strong></td>
<td>CHEM 21100</td>
<td>CHEM 21200</td>
</tr>
<tr>
<td></td>
<td>PHYS 2030000 (or 101)</td>
<td>PHYS 20400 (or 10200)</td>
</tr>
<tr>
<td></td>
<td>MATH 11200</td>
<td>CHEM 21500</td>
</tr>
</tbody>
</table>

- All courses counting towards the Chemistry major must be passed with a C- or better and may not be taken S/NC; this applies to classroom and laboratory components.
- Chemistry majors in the Seven-Year Dual Degree Pre-Dental/Dental Program at Case Western Reserve University (see Pre-Professional and Dual Degree Programs) must make sufficient progress in three years to complete the major in their fourth year, if necessary. Such students are required to complete the following courses by the end of their junior year: CHEM 12000, 21100, 21200, 21500, 31800 (or 31900), 34000, and 40100 in addition to MATH 11100 (or 10700 and 10800) and PHYS 10100-10200 (or 20300-20400).
### Requirements for a Major in Chemistry
(Beginning w/Class of 2014)

<table>
<thead>
<tr>
<th>Chemistry Courses</th>
<th>Chemistry Electives</th>
<th>Math Courses</th>
<th>Physics Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>110*, 120/L Intro</td>
<td>216 Environmental (F)</td>
<td>111 (or 107 &amp; 108)</td>
<td>203/L, 204/L</td>
</tr>
<tr>
<td>211/L, 212/L Organic</td>
<td>313 Adv Organic (S)</td>
<td>112</td>
<td>or</td>
</tr>
<tr>
<td>215/L Analytical</td>
<td>316/L Instrumental (F)</td>
<td></td>
<td>101/L, 102/L</td>
</tr>
<tr>
<td>318/L, 319/L Physical</td>
<td>331 Biochemistry (F)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>340/L Inorganic</td>
<td>332 Metabolism (S)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 Electives *(1 if started w/110)</td>
<td>333 Chem Biol (S)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>341 Adv. Inorganic (S)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>399 Phys Biochem (S)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Semester I

First Year

#### Semester II

Sophomore Year

Junior Year

Senior Year
# Suggested Schedule for Chemistry Students Planning to Attend Graduate School (ACS-Certified Degree)

## Start in Chemistry 110

<table>
<thead>
<tr>
<th>Semester I</th>
<th>Semester II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 110</td>
<td>Chemistry 120/L</td>
</tr>
<tr>
<td>Math 107* or 111</td>
<td>Math 108* or 112</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>Elective</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

## Start in Chemistry 120

<table>
<thead>
<tr>
<th>Semester I</th>
<th>Semester II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 120/L</td>
<td>Chemistry 215/L</td>
</tr>
<tr>
<td>Math 107* or 111**</td>
<td>Math 108* or 112</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>Elective</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

*Taking Math 107 and Math 108 is equivalent to Math 111.

**Students who are exempt from Math 111 may ultimately want to consider Math 211 Linear Algebra, Math 212 Multivariate Calculus, Math 221 Differential Equations

## SECOND YEAR

<table>
<thead>
<tr>
<th>Semester I</th>
<th>Semester II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 211/L</td>
<td>Chemistry 212/L</td>
</tr>
<tr>
<td>Physics 203/L</td>
<td>Chemistry 215/L or 319/L</td>
</tr>
<tr>
<td>Elective #</td>
<td>Physics 204/L</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

#Biol 200 is a pre-requisite for BCMB 331

## THIRD YEAR

<table>
<thead>
<tr>
<th>Semester I</th>
<th>Semester II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 318/L</td>
<td>Chemistry 319/L</td>
</tr>
<tr>
<td>Chemistry 340/L</td>
<td>Chemistry 401</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

## FOURTH YEAR

<table>
<thead>
<tr>
<th>Semester I</th>
<th>Semester II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 451</td>
<td>Chemistry 452</td>
</tr>
<tr>
<td>BCMB 331</td>
<td>BCMB Elective</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

## SECOND YEAR

<table>
<thead>
<tr>
<th>Semester I</th>
<th>Semester II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 211/L</td>
<td>Chemistry 212/L</td>
</tr>
<tr>
<td>Physics 203/L</td>
<td>Chemistry 204/L</td>
</tr>
<tr>
<td>Elective #</td>
<td>Elective</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

## THIRD YEAR

<table>
<thead>
<tr>
<th>Semester I</th>
<th>Semester II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 318/L</td>
<td>Chemistry 319/L</td>
</tr>
<tr>
<td>Chemistry 340/L</td>
<td>Chemistry 401</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

## FOURTH YEAR

<table>
<thead>
<tr>
<th>Semester I</th>
<th>Semester II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 451</td>
<td>Chemistry 452</td>
</tr>
<tr>
<td>BCMB 331, 333 or 399</td>
<td>BCMB Elective</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

## Elective

- Elective courses can be chosen from a variety of subjects, including organic chemistry, biochemistry, physical chemistry, and more.

---

*Department of Chemistry, The College of Wooster*
Chair: Rujie Wang  
Kauke 203  
extension 2438  
rwang@wooster.edu

I. Courses Appropriate for First-Year Students
   Fall:  Beginning Chinese Level I  
   Spring: Beginning Chinese Level II

II. Other Courses to Consider for Students Interested in this Area
   Being Young in China (Chinese 22000, taught in English)  
   Chinese Cinema (Chinese 22300, taught in English)  
   The Family in Chinese History (History 10100)  
   Craft: The Body in Chinese Tradition (History 20100)  
   Traditional China (History 23400)  
   Modern China (History 23500)  
   Religions East and West (Religious Studies 11000)

III. Courses Beyond the Introductory Level
   (Determined by AP Credit, Placement Test, or Special Permission)
   Fall:  Intermediate Chinese Level I (Chinese 20100)  
   Spring: Intermediate Chinese Level II (Chinese 20200)

IV. Major in Chinese Studies
   Consists of eleven courses:
   • CHIN 20100  
   • CHIN 20200  
   • CHIN 30100  
   • CHIN 30200  
   • One of the following courses: CHIN 31100 or 31200  
   • Two of the following courses, in two different departments: HIST 10100  
     (when China-focused), 20100, 23400, 23500; PHIL 23200; RELS 21600; SOCI 21100  
     (when China-focused)  
   • One of the following courses: CHIN 22000, 22200, 22300, 40000; HIST 10100  
     (when China-focused), 20100, 23400, 23500; PHIL 23200; RELS 21600; SOCI 21100  
     (when China-focused)  
   • Junior Independent Study: CHIN 40100  
   • Senior Independent Study: CHIN 45100  
   • Senior Independent Study: CHIN 45200

V. Special Notes
   • Overseas Study: Majors in Chinese are required to complete an approved  
     off-campus study program in China. Approved transfer credit from  
     participation in this program can count toward the major requirements.  
   • Minors in Chinese may satisfy the CHIN 20100, 20200, and 31100  
     requirements by taking the equivalent courses from endorsed off-campus  
     programs.  
   • Students who wish to take the maximum number of courses for this major are  
     encouraged to complete additional courses from the options offered in the  
     major requirements.
CLASSICAL STUDIES:
ANCIENT MEDITERRANEAN STUDIES
AND CLASSICAL LANGUAGES

Chair: Monica Florence
Kauke 202
extension 2352
mflorence@wooster.edu

I. Courses Appropriate for First-Year Students
   AMST 22000 Mythology of the Ancient World
   AMST 22100 Ancient Theater: Tragedy and Comedy
   AMST 22300 Gender & Sexuality in the Ancient World
   AMST 22600 History of Ancient Medicine
   AMST 26000 Special Topics in Classical Literature
   AMST 26100 Special Topics in Ancient History
   Latin 10100 Beginning Latin, Level I
   Greek 10100 Beginning Greek, Level I
   HEBR 10100 Biblical Hebrew, Level I
   RELS 12000 Introduction to Biblical Studies
   History 20400 Greek Civilization
   History 20500 Roman Civilization
   IDPT 24000 Greek Archaeology & Art
   IDPT 24100 Roman Archaeology & Art
   PHIL 25000 Ancient Philosophy

II. Other Courses to Consider for Students Interested in this Area
   ARCH 10300 Introduction to Archaeology
   WGSS 12000 Introduction to Women’s, Gender, & Sexuality Studies

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)
   Latin 10200 by placement exam
   Greek 10200 by placement exam/special permission
   Egyptian 19900 Greek, Latin, or Hebrew 10200 or special permission
   Latin 20000 by placement exam
   Greek 20000 by placement exam/special permission

IV. Major in Classical Studies, Concentration: Ancient Mediterranean Studies
Consists of eleven courses:
   • Two courses in either GREK or LATN, at least one at the 20000-level
   • Two of the following courses: AMST 22000, 22100, 22300, 22600, 26000, 26100, HIST 20400 or 20500
   • One elective from cross-listed courses accepted for CLST credit
   • Three electives from Classical Studies or cross-listed courses accepted for CLST credit
   • Junior Independent Study: CLST 40100
   • Senior Independent Study: CLST 45100
   • Senior Independent Study: CLST 45200

V. Special Notes
   • Language Requirement and Courses: The concentration in Ancient Mediterranean Studies requires a minimum of one semester of ancient Greek or Latin at the 20000-level or higher. Most students will need to take GREK 10100 and 10200 or LATN 10100 and 10200 as well as GREK 20000 or LATN 20000. Incoming students who have previously studied ancient Greek or Latin will be placed in the appropriate language courses through the College’s foreign language placement exams, which are administered during summer registration for first year students. Students may satisfy the College’s language requirement, and the requirement of introductory ancient Greek or Latin, by testing out of GREK 10100 and 10200 or LATN 10100 and 10200.
CLASSICAL STUDIES:
ANCIENT MEDITERRANEAN STUDIES
AND CLASSICAL LANGUAGES

- Majors, however, must take a minimum of one upper-divisional language course at The College of Wooster or an equivalent university during a semester abroad. If a student completes a language course below the level recommended by the placement exam, the student will not receive credit toward graduation for that course without prior permission of the Department Chair. The College's advanced placement policy is explained in the section on Admission.
- Majors who intend to pursue graduate studies in Classics are strongly urged to complete four years of Ancient Greek and four years of Latin.
Chair: Michelle Johnson  
Wishart 114  
extension 2058  
mjohnson@wooster.edu  

I. Courses Appropriate for First-Year Students  
COMM 11100: Introduction to Communication Studies. Overview course of principles of communication in interpersonal, small group, public, and mass media contexts.  
COMM 14100: Introduction to Communication Sciences and Disorders. Overview of a variety of speech, language, and hearing disorders.  
COMM 15200: Public Speaking. Course involves the study and performance of various types of speeches.  

II. Other Courses to Consider for Students Interested in this Area  
Note: *None of these courses has a prerequisite. All are appropriate for first-years.*  
COMM 22100: Interpersonal Communication. Focuses on the communication that occurs in dyads, primarily friend, family, and romantic relationships.  
COMM 23300: Mediated, Gender, Race, and Sexuality. Focuses on how visual imagery impacts gender, race, and sexual identity, and the process of identity construction and socialization.  
COMM 25000: Principles of Rhetoric. Course examines how messages attempt to shape our perceptions in a range of contexts—media, politics, scientific reports, and everyday life.  
COMM 35000: Health Communication. Course topics include patient-provider interaction, public health campaigns, the effects of technology on health, and how healthcare providers interact with one another.  

III. Courses Beyond the Introductory Level  
(Determined by AP Credit, Placement Test, or Special Permission)  
As noted above, first years can take any 10000 or 20000-level course. No special permission or AP credit is required. First-years may not take 40000-level courses.  

IV. Major in Communication Studies  
Consists of eleven courses:  
- One of the following courses: COMM 14500, 22100, 22500, or 22700  
- One of the following courses: COMM 25000, 25200, or 25400  
- One of the following courses: COMM 23300, 23500, or 33200  
- Three of the following courses (cannot be the same courses as taken for the above requirements): COMM 11100, 14500, 15200, 20000, 22100, 22500, 22700, 23300, 23500, 25000, 25002, 25400, 33200, or 35000  
- COMM 31100  
- One of the following courses: COMM 35200 or 353 00  
- Junior Independent Study: COMM 40100  
- Senior Independent Study: COMM 45100  
- Senior Independent Study: COMM 45200  

Major in Communication Sciences and Disorders  
Consists of thirteen courses:  
- Four semesters of Clinic Practicum (COMM 14000/14400) at .25 credit each  
- COMM 14100, 14300, 14500, 24400, 31600, 35300, 37000  
- One elective from cross-listed courses accepted for COMM credit  
- One elective from COMM 20000, 15200, 22100, 34400, 34500 or cross-listed courses accepted for COMM credit  
- Junior Independent Study: COMM 40100  
- Senior Independent Study: COMM 45100  
- Senior Independent Study: COMM 45200
V. Special Notes

- Majors in the Communication Studies track must complete their methods course (COMM 35200 or 35300) no later than the spring of their junior year. Students are encouraged to take their methods course in the sophomore year. Majors should also complete the theory course (COMM 31100) prior to the first semester of Senior Independent Study (COMM 45100).

- In addition to demonstrating proficiency in research and writing through Independent Study, a major in the Communication Studies track must demonstrate proficiency in public speaking, as certified by all faculty members in the Department of Communication, based upon the student's oral presentation of his/her Senior Independent Study proposal. These public presentations will typically be scheduled in the fall, and students will be provided with specific guidelines to follow. The faculty also encourages majors to seek the help of their advisers in preparing their presentations.

- No more than two Communication Studies and/or Communication Sciences and Disorders courses can be applied toward the general education requirements.

- No courses may be taken on an S/NC basis.
I. Courses Appropriate for First-Year Students
The first course in Comparative Literature is 12000 (Language, Literature, and Culture/Comparative Emphasis). Please note that the course description is identical to English 12000. The Comparative Literature course differs only in its comparative focus. The English Department accepts Comparative Literature 12000 as the first course in the English major, and the course also counts toward the general education requirement in arts and humanities. It is the recommended first course for a student planning to major in Comparative Literature. [Fall]

Courses appropriate for first-year students offered in the fall are those being taught in the different language/literature departments (Chinese, Classical Studies, English, French, German, Russian Studies, and Spanish). Students interested in majoring in Comparative Literature should contact the chair of the program in Comparative Literature. The appropriate sequence of courses depends on the student’s foreign language proficiency and interests. Courses taken in the language departments may be courses taught in the target language, provided that the student’s language placement exam results allow the student to enroll in a literature course taught in the target language. Certain literature or film courses taught in English in the foreign language departments may also count toward a minor or major in Comparative Literature. Students should consult with the Chair of the Program in Comparative Literature.

First-year students are required to take the language placement exam.

II. Other Courses to Consider for Students Interested in this Area
Comparative Literature 22000: Comparative Literary Theory
Comparative Literature 23200: Modern Comparative Drama
Comparative Literature 23600: Comparative Film Studies [Fall]

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)
Comparative Literature 22200: Classical Tradition in Modern Drama, Fiction, and Film
Comparative Literature 23000: Comparative Sexual Poetics
Comparative Literature 24800: Text and Context in Central Europe
Comparative Literature 29000: Seminar in Comparative Studies. [Spring: Surrealism]

IV. Major in Comparative Literature
Consists of fifteen courses:
- ENGL 12000
- Two courses from Group I
- Four courses beyond the 10200-level in a foreign language department. (One of the four courses may be in translation. When department offerings allow, at least two should be from Group II or III.)
- Two courses from national literatures other than the four courses beyond the 10200-level above. (These may be selected from Groups II and III.)
- Three electives, selected from Groups I, II, and III and/or from beyond the 10200-level in a foreign language.
- Junior Independent Study: CMLT 40100
- Senior Independent Study: CMLT 45100
- Senior Independent Study: CMLT 45200
V. Special Notes

- CMLT 40100, 45100, and 45200 will all involve projects of a comparative character; the student may select an adviser from any of the departments that participate in the program; the project must be approved by the chair of the Comparative Literature Curriculum Committee by the end of the second week of the semester in which the student is enrolled in CMLT 40100 and 45100.
I. Courses Appropriate for First-Year Students

Computer Science 10000 Scientific Computing (recommended to students considering a major in mathematics or the natural sciences)
Computer Science 10200 Multimedia Computing (recommended to students considering a major in the arts/humanities or the social sciences)
Computer Science 11000 Imperative Problem Solving (placement in Math107 and basic programming skills necessary—please contact Dr. Visa or Dr. Byrnes to discuss your eligibility for this course)
Computer Science 12000 Data Structures and Algorithms (CS110 prerequisite, so advanced placement is necessary)

II. Other Courses to Consider for Students Interested in this Area

Math 10800 or Math 11100
Math 21500

III. Courses Beyond the Introductory Level

(Determined by AP Credit, Placement Test, or Special Permission)

Computer Science 11000
Computer Science 12000

IV. Major in Computer Science

Consists of fourteen courses:

- One of the following courses: CSCI 10000 or CSCI 10200
- CSCI 11000
- CSCI 11200
- CSCI 20000 (see note below on Junior Independent Study)
- One of the following courses: CSCI 21000 or CSCI 21200
- One of the following courses: CSCI 220 00 or CSCI 22200
- One of the following courses: CSCI 23000 or CSCI 23200
- Two 30000-level full-credit Computer Science courses
- Senior Independent Study: CSCI 45100
- Senior Independent Study: CSCI 45200
- One of the following courses: MATH 10800 or MATH 11100
- MATH 211 00
- One of the following courses: MATH 21500 or MATH 22300

V. Special Notes

- **Junior Independent Study:** This course fulfills the college requirements for Junior Independent Study and can be taken prior to the junior year given the appropriate prerequisites have been met. This course is required for senior standing and enrollment in Senior Independent Study.

- **Advanced Placement:** At most two courses of advanced placement may be counted toward a major or minor. Advanced placement of one or two courses in Computer Science is available to students who have taken the Advanced Placement Examination or an equivalent furnished by the Department of Mathematics and Computer Science. Students are urged to take the AP Examination for this purpose when possible. The decision about granting such placement is made by the Department of Mathematics and Computer Science after the student has consulted with the chairperson. Normally a minimum score of 4 on the examination is necessary, but such a score alone does not guarantee advanced placement. A student placed in CSCI 11000 will receive one course credit; two course credits will be granted if the student is placed in CSCI 11200. The advanced placement policy of the College is explained in the section on Admission.
COMPUTER SCIENCE

- Students are given a recommended placement in Computer Science based upon their high school record, their performance on the SAT and/or ACT, and their performance on a mathematics placement exam administered by the department during Summer registration.
- Majors are encouraged to take related courses in physics, mathematics, economics, and philosophy.
- The laboratory and classroom components are closely integrated in Computer Science courses with a laboratory and must therefore be taken concurrently. The course grade and the laboratory grade are identical and are based on performance in both components; the relative weight of the two components is stated in each course syllabus.
- Multimedia Computing, CSCI 10000, and Scientific Computing, CSCI 10200, are designed specifically for students wanting a course in Computer Science to partially fulfill the College’s Learning Across the Disciplines requirements.
- Those students who are oriented toward the application of the computer to a specific professional objective, such as industrial or business management, medicine, engineering, computational natural science, or law, should consider a Computer Science minor or double major in consultation with the adviser for those programs.
- Combined programs of liberal arts and engineering are available. (See Pre-Professional and Dual Degree Programs: Pre-Engineering.)
- Only grades of C- or better are acceptable in courses for the major or minor.
EAST ASIAN STUDIES

Chair: David McConnell,
Office: Kauke 015
Extension: 2476
Email: dmcconnell@wooster.edu

The East Asian Studies major and minor are offered through the interdepartmental program in East Asian Studies. Eight faculty members from five departments contribute to the multidisciplinary approach to East Asian Studies. The East Asian Studies major and minor focus on developing an integrated understanding of the diverse but related historical and cultural traditions of East Asia, starting with a foundation in Chinese language and history, and extending that focus across multiple disciplines to understand China, Japan, and East Asia broadly. This approach to the East Asian Studies major and minor recognizes the diversity of cultural and national traditions that exist across this region, but at the same time helps foster an understanding of the common cultural and historical concerns that make "East Asia" a coherent focus of study. Given the complexity of histories and traditions in this region of the world, the East Asian Studies major and minor requires multidisciplinary study with a core orientation in history and language, and off-campus study in an East Asian country as part of the curriculum. Students whose studies are focused solely on China are likely to be better served by the Chinese Studies major.

I. Courses Appropriate for First-Year Students

CHIN 10100-01: Beginning Chinese Level I (offered in Fall Semester 2013)
HIST 10183-01: Family in Chinese History (offered Fall Semester 2013)

II. Other Courses to Consider for Students Interested in this Area

CHIN 22000, 22200, or 22300: (These are courses in Chinese literature and/or film, taught in English)
(CHIN 22300-01: Chinese Cinema offered in Fall 2013)
HIST 23400, 23500, or 23600: Traditional China, Modern China, or Modern Japan
(HIST 23400-01: Traditional China offered in Fall 2013)

Because East Asian Studies is an interdisciplinary field, interested students are encouraged to take introductory courses in a wide range of fields, including Anthropology, Sociology, Political Science, Philosophy, History, and Religious Studies.

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)

CHIN 10200: Beginning Chinese Level II
CHIN 20100: Intermediate Chinese Level I

IV. Major in East Asian Studies
Consists of eleven courses:
• CHIN 20100: Intermediate Chinese Level I
• One elective Chinese course at the 20000- or 30000-level
• HIST 23400: Traditional China
• HIST 23500: Modern China
• One of the following courses: HIST 10100 (when China-focused), HIST 23700, SOC 21900, PHIL 23000, PHIL 23200, or RELS 21600
• HIST 23600: Modern Japan
• RELS 22000: Buddhism
• ANTH 23100: Peoples and Cultures of Japan
• Junior Independent Study: EAST 40100
• Senior Independent Study: EAST 45100
• Senior Independent Study: EAST 45200
V. Special Notes

- **Overseas Study**: The major and minor in East Asian Studies requires the completion of an approved off-campus study program in an East Asian country (usually Japan or China). Up to three approved transfer credits may count toward the requirements for the major.
- Students who wish to take the maximum number of courses for this major are encouraged to complete additional courses from the options offered in the major requirements.
ECONOMICS

Chair: James Burnell
Morgan 216
extension 2308
burnell@wooster.edu

I. Courses Appropriate for First-Year Students
Economics 10100  Principles of Economics

II. Other Courses to Consider for Students Interested in this Area
Math 10400, Math 10800, Math 11100

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)
The Department does not recommend that first-semester first-year students take 20000-level courses.

IV. Major in Economics
Consists of fourteen courses:
• ECON 10100
• ECON 11000 (see note below)
• ECON 20100
• ECON 20200
• ECON 21000 (see note below)
• One of the following courses: MATH 10400, 10800, or 11100
• Five elective Economics courses one at the 30000 level
• Junior Independent Study: ECON 40100
• Senior Independent Study: ECON 45100
• Senior Independent Study: ECON 45200

V. Special Notes
• MATH 24100 can be substituted for ECON 11000 and MATH 24200 can be substituted for ECON 21000.
• Students who do not place into MATH 10400 or 11100 on the Mathematics placement test should take MATH 10300 or 10700 as soon as possible in their College career to prepare them for MATH 10400 or 10800 and to provide a basis for their Economics courses.
• ECON 10100, ECON 11000, and MATH 10400 should be completed no later than the end of the student’s fifth semester. The department recommends that students considering graduate study in Economics enroll in MATH 11100 rather than MATH 10400 and that they also take calculus through MATH 11200.
• Either ECON 20100 or 20200, preferably both, must be taken prior to enrolling in ECON 40100.
• A maximum of one Business Economics course selected from BUEC 22700, 23000, 25000, 35500, 36500, or 37000 may be counted toward an Economics major, but not a minor.
• Students majoring in Economics are not permitted to take courses in the major on an S/NC basis.
Students interested in pursuing teaching licensure are strongly encouraged to make an appointment with someone in the Department of Education early in the first semester.

I. Courses Appropriate for First-Year Students
   Education 10000   Introduction to Education
   Education 11000   Using Phonics to Teach Reading & Develop Literacy
   Education 20000   Teaching Children With Special Needs
   Education 14000   Interdisciplinary Fine Arts in Early Childhood Education

II. Other Courses to Consider for Students Interested in this Area
   Africana Studies 10000   Introduction to Africana Studies
   Communication 14500   Language Development in Children
   Communication 15200   Public Speaking
   History 11500   History of Black America
   History 20100   History of Education
   Psychology 11000   Child and Adolescent Development

III. Courses Beyond the Introductory Level
   (Determined by AP Credit, Placement Test, or Special Permission)
   None

IV. Minor in Education
   Consists of six courses:
   • EDUC 10000
   • One of the following courses: PSYC 11000 or 32700
   • One of the following courses: EDUC 23100 or 25100
   • One of the following courses: EDUC 20000 or 30000
   • Two of the following courses: AFST 10000, COMM 14500, 15200, EDUC 26500, ENGL 25000, HIST 11500, PHIL 22300, SOAN 20100, SOCI 20900 or 21400

V. Special Notes
   • The Department of Education offers a teacher preparation program that leads to an Ohio, initial, four-year provisional teaching license. Education is not a major at Wooster. Instead, students simultaneously pursue an academic major in a department or program while completing all of the coursework required for the Ohio teaching license.
   • The Department of Education provides opportunities for its teacher candidates to learn and teach within a liberal arts environment that values independence, leadership, inquiry, and tradition. The teacher education program prepares reflective and competent educators for work in classrooms, schools, and a variety of educational communities.
   • The Department recognizes that this preparation is provided in collaboration with all academic programs at Wooster. Throughout the teacher preparation program, students are immersed in hands-on, one-on-one experiences with classroom teachers, college faculty, and students. The Department emphasizes the importance of effective writing, speaking, and interpersonal skills and strives to encourage its graduates to become educational leaders in a complex and global society.
DEPARTMENTAL STANDARDS FOR THE TEACHING PROFESSION

The following seven standards for the teaching profession reflect a connection between the goals of Wooster's teacher education program and the Ohio Standards for the Teaching Professions. Listed below is a brief explanation of what the Department expects teacher licensure candidates to achieve by the end of the teacher education program:

- **Student Learning**: Candidates understand student learning and development and respect the diversity of students they will teach.
- **Content Knowledge**: Candidates know and understand the content area for which they will have instructional responsibility.
- **Assessment**: Candidates understand and use varied assessments to inform instruction, evaluate, and ensure student learning.
- **Instruction**: Candidates plan and deliver effective instruction that advances the learning of each individual student.
- **Learning Environment**: Candidates create learning environments that promote high levels of learning and achievements for all students.
- **Collaboration and Communication**: Candidates collaborate and communicate with students, parents, families, and other educators, administrators, and the community to support student learning.
- **Professional Responsibility, Growth, and Reflection**: Through reflection, candidates assume responsibility for professional growth, performance, and involvement as individuals and as members of a learning community.

**LICENSURE AREAS:**

At Wooster students can pursue a teaching license in one of the following areas:

<table>
<thead>
<tr>
<th>Area of Specialty</th>
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<tbody>
<tr>
<td>Early Childhood: Grades PreK–3/Ages 3–8</td>
</tr>
<tr>
<td>Early Childhood Endorsement: Grades 4/5 (optional attachment to completed PreK-3 licensure program)</td>
</tr>
<tr>
<td>Adolescent to Young Adult: Grades 7–12/Ages 12–21</td>
</tr>
<tr>
<td>Multi-Age: Grades PreK–12/Ages 3–21</td>
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<tr>
<td>Any major</td>
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<tr>
<td>Any major</td>
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<tr>
<td>Integrated Language Arts (English major)</td>
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<tr>
<td>Integrated Mathematics (Mathematics major)</td>
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<tr>
<td>Integrated Social Studies (usually History major)</td>
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<tr>
<td>Music</td>
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</tbody>
</table>

One hundred percent of Wooster licensure completers seeking the Ohio Resident Educator teaching license passed the required Praxis II examinations in the previous academic year.
Chair: Thomas Prendergast
Kauke 211
extension 2347
tprendergast@wooster.edu

I. Courses Appropriate for First-Year Students
English 12000 (Investigations in Literary Studies) is strongly recommended as the first course in the English Department and is offered both fall and spring semester. First-year students may take English 16000 (Non-Fictional Writing), but in their first semester they will not receive W credit (per College policy). First-year students must have taken 12000 or have permission of the instructor to take courses numbered 20000 or above. (After the first year, students may take courses numbered 20000 or above without having taken English 12000, although non-majors are still advised to begin with 12000).

II. Other Courses to Consider for Students Interested in this Area
Courses in History, Art History, Political Science, Africana Studies, WGSS, Environmental Studies, foreign languages, or other disciplines that will help students broaden their understanding of specific literary periods, genres or approaches.

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)
Students should be advised that an AP score in English of 4 or 5 will earn elective credit toward graduation, but will not place them beyond English 12000, does not replace English 120, and will not earn them English credit toward the major or minor.

IV. Major in English
Consists of eleven courses:
- ENGL 12000
- ENGL 20000
- One elective in Literature Before 1800
- One elective in Literature Before 1900
- Four elective English courses
- Junior Independent Study: ENGL 40100
- Senior Independent Study: ENGL 45100
- Senior Independent Study: ENGL 45200

V. Special Notes
- ENGL 12000 is strongly recommended as the first course in English for non-majors and is required for majors and minors. To enroll in English courses numbered 20000 and above, first-year students must have ENGL 12000 or permission of the instructor. Upperclass students who have not taken ENGL 12000 may enroll in all English courses with the exception of 30000-level courses.
- In addition to ENGL 12000 (Comparative Literature emphasis), one other Comparative Literature course from Group I may count toward the English major or minor (see Comparative Literature, Group I, in catalogue). Other cross-listed courses include SPAN 21300 (U.S. Latino Literatures and Cultures).
- AP credits do not count toward the major, minor, or distribution.
ENVIRONMENTAL STUDIES

Chair: Susan Clayton
Morgan 107
extension 2565
sclayton@wooster.edu

I. Courses Appropriate for First-Year Students
Any of the introductory courses are appropriate for first-year students. Please check the Course Schedule for course offerings for fall and spring semesters.

II. Other Courses to Consider for Students Interested in this Area
Any of the cross-listed courses in other departments.

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)
ENVS 22000: From Farm to Table: Understanding the Food System
ENVS 23000: Sustainable Agriculture: Theory and Practice
ENVS 23500: Gardening Practicum (.25 credit)

IV. Minor in Environmental Studies
Consists of 6 courses:
• ENVS 20000-xx
• One cross-listed course in Natural Sciences accepted for ENVS credit
• One cross-listed course in Social Science accepted for ENVS credit
• One cross-listed course in Humanities accepted for ENVS credit
• Two electives from Environmental Studies or cross-listed courses accepted for ENVS credit

V. Special Notes
• No more than one course within a student’s major discipline may be counted toward the Environmental Studies minor.
• In departments with multiple versions of a particular course, only the sections specified in parentheses after the course listing will count toward the Environmental Studies minor.
• Only grades of C- or better are accepted for the minor.
FILM STUDIES

Chair: Debra Shostak
Kauke 221
Extension 2402
dhostak@wooster.edu

The Film Studies Program is an interdisciplinary minor, focusing on film analysis, criticism, theory, history, and the cinematographic elements and techniques that translate human thought to the screen. The minor consists of six courses, including Comparative Literature 23600: Comparative Film Studies, and courses from Categories I and II. One course from Category III may also be included. Please see the Catalogue or program chair for more information.

I. Fall Semester Courses Appropriate for First-Year Students
   ARTD 15900 Introduction to Photography
   CLMT 23600 Comparative Film Studies
   Chinese 22300: Chinese Cinema

II. Other Courses to Consider for Students Interested in this Area
   Coursework in Art (Studio and Art History), Communication, English, and Theatre that supports the study of film should be considered. Depending on the student's interests, language study would also be critical.

   The Film Studies Program offers an individualized minor that can be structured to coincide with a student's area of interest or major. A specific Film Studies major can be proposed as a student-designed major. This request must be approved by the Dean for Curriculum and Academic Engagement. Consult the Program Chair or a member of the Film Studies Program for further information.

III. Courses Beyond the Introductory Level
      (Determined by AP Credit, Placement Test, or Special Permission)
      AFST 24400 Cinema of Africa/African Diaspora
      THTD 30200 Lighting Design

IV. Minor in Film Studies
   Consists of six courses:
   • CMLT 23600
   • Two courses from Category I
   • One course from Category II
   • Two elective Film Studies courses, with at most one course from Category III

V. Special Notes
I. Courses Appropriate for First-Year Students

ALL first-year students who have had one year (or more) of prior study of French must take the Placement Exam, which will determine the appropriate course. Advisers are encouraged to read placement results closely and to share all information with students to ensure proper placement. Students with questions about placement should be referred to the Chair of the Department. Advisers should also be aware that students will not be able to register for a lower-level course than the one in which they have placed without the approval of the chair. Advisers should be aware that all instructors verify placement carefully during the first two weeks of the semester and recommend course changes, when appropriate. Advisers should also keep in mind that first-year students tend to underestimate their ability and performance in foreign language courses during an initial period of adjustment. Therefore, we hope that advisers will check with the student’s instructor before approving a “drop” in a required course (10100 or 10200).

II. Other Courses to Consider for Students Interested in this Area

See below; in the first semester, placement normally determines which course the student should take.

III. Courses Beyond the Introductory Level

(Determined by AP Credit, Placement Test, or Special Permission)

First-year students are eligible and encouraged to take any French course into which they have placed based on the placement exam score. Some students will be placed in 20100/20300, 21600, or 22000, all of which are offered in the fall of 2013. Advisers should encourage first-year students to continue language study beyond the requirement and to do so without interruption. Students should also be informed that most junior-year study-abroad programs require the successful completion of two years of college-level French.

IV. Major in French

Consists of eleven courses:

- FREN 21600
- FREN 21800
- FREN 22000
- FREN 22400
- One elective French course at the 30000-level
- Three elective French courses at the 20000-level or above
- Junior Independent Study: FREN 40100
- Senior Independent Study: FREN 45100
- Senior Independent Study: FREN 45200

V. Special Notes

- FREN 40100 will normally be taken in the Spring of the junior year or, if the student plans to spend the junior year off campus, in the Spring of the sophomore year. With approval, FREN 40100 can be completed off-campus.
- Since the major program should provide continuity in the study of French, at least one course in French should be elected each semester of the junior year (for students on campus) and the senior year, in addition to Independent Study.
- No more than one French course taught in English may count toward the major.
**FRENCH**

- **French Study Abroad:** To assure linguistic competence and familiarity with Francophone culture, the department strongly encourages study off-campus and will provide guidance on choosing a study abroad program. All majors should plan to spend at least a semester, and preferably a full academic year, in a French-speaking country. A limited number of scholarships to assist with the travel expenses of students studying in a French-speaking country are available from the McSweeney Fund; such scholarships are awarded on the basis of both need and merit. Application information may be obtained from the department chairperson.

- The department supports special and double majors and will work closely with students to design an appropriate program of study. Students in recent years have combined their French major with majors in Art and Art History, Comparative Literature, Cultural Area Studies, English, Economics, History, International Relations, Political Science, Religious Studies, Sociology and Anthropology, and Spanish.

- Students who minor in French may take up to three of the required six courses off-campus.

- **Teaching Licensure:** Students interested in pursuing a career in elementary or secondary school teaching must complete the requirements for Multiage Licensure in French (grades pre-kindergarten through 12, ages 3-21) as stipulated here and the general education requirements for Multiage Licensure as stipulated by the Department of Education. A minimum of 44 semester hours (11 courses) in French must be completed, beginning with FREN 201 and including the following: FREN 21600, 21800, 22000, 22400, 31900, 40100, 45100, and 45200. In the case of students who are seeking to be certified in French as their second area of foreign language licensure, FREN 10100 and FREN 10200 will be counted toward licensure in French.

- Students interested in French as preparation for a career in international business or finance should consider the Interdisciplinary Minor in International Business Economics (see full description under **Business Economics**).

- **Advanced Placement:** Students who receive a score of 4 or 5 on the CEEB Advanced Placement Examination may count this credit toward a major or minor in French. Students who have taken the Advanced Placement Examination are still required, regardless of the score received, to take the departmental placement exam at the College to determine the next appropriate course.

- Students who wish to meet the College’s language requirement in French by taking summer school courses or by participating in an off-campus program whose courses are fewer than four semester-hours are required to consult the chairperson of the Department of French prior to such study and will be required to take the departmental placement exam to demonstrate proficiency through the FREN 10100 or 10200 level after the completion of such courses; a successful performance on the placement exam is required for transfer credit to count toward the language requirement.

- If a student registers for and completes a course in French below the level at which the French placement exam placed him or her, that student will not receive credit toward graduation for that course, unless he or she has obtained the permission of the instructor of the course into which the student placed and the permission of the Department Chair.
I. Courses Appropriate for First-Year Students
   Geology 10000  History of Life
   Geology 10300  Oceanography
   Geology 10500  Geology of Natural Hazards
   Geology 11000  Environmental Geology

II. Other Courses to Consider for Students Interested in this Area
    All geology majors are required to take introductory chemistry, and we also encourage our students to take physics, mathematics, and/or biology. A student who does not get into an introductory geology course may want to start with one of these.

III. Courses Beyond the Introductory Level
     (Determined by AP Credit, Placement Exam, or Special Permission)
     Students who have had the equivalent of a 100-level geology course may take any 20000-level course. We especially encourage such students to take Geology 20000, Processes and Concepts of Geology.

IV. Major in Geology
    Consists of twelve courses:
    • One 10000-level Geology course
    • CHEM 11000
    • GEOL 20000
    • GEOL 20800
    • GEOL 25000
    • GEOL 26000
    • GEOL 30000
    • GEOL 30800
    • GEOL 31300
    • Junior Independent Study: GEOL 40100
    • Senior Independent Study: GEOL 45100
    • Senior Independent Study: GEOL 45200

V. Special Notes
   • The laboratory and classroom components are closely integrated in Geology lab courses and must therefore be taken concurrently. The course and laboratory grades will be identical and are based on performance in both components; the relative weights of the two components are stated in each course syllabus.
   • Geology majors who intend to make a career in geology are strongly urged to supplement their curriculum with at least one additional course in chemistry, two courses in physics, and two courses in calculus (or a combination of calculus and computer science). Other relevant courses will depend upon the student’s particular interest in Geology.
GERMAN STUDIES

Chair: Mareike Herrmann
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extension 2482
mherrmann@wooster.edu

I. Courses Appropriate for First-Year Students
ALL first-year students who have had one year (or more) of prior study of German must take the Placement Exam, which will determine the appropriate course. While German begins in 10100 at the College of Wooster, the Exam determines the correct level at which students should begin study. (See “Foreign Language Placement” in the Placement Exam Guide in this manual for scores and levels of exams).

German 10100: Beginning German Level I

II. Other Courses to Consider for Students Interested in this Area
History 20800: Europe, 1890 to 1945
History 20900: Europe Since 1945
History 21000: Ideas that Shaped the Modern World: Intellectual History of Modern Europe

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)
German 20100: Intermediate German Level I
German 25000: Advanced German: Texts and Contexts

IV. Major in German Studies
Consists of eleven courses:
• GRMN 20100 (see note below)
• GRMN 20200 (see note below)
• GRMN 25000
• GRMN 26000 (must be taken at the College of Wooster)
• One of the following courses: GRMN 22700, 22800, 23000
• At least two of the following courses: GRMN 30000 (A-E), 32000, 33000, or 34000
• One elective course (see note below)
• Junior Independent Study: GRMN 40100
• Senior Independent Study: GRMN 45100
• Senior Independent Study: GRMN 45200

V. Special Notes
• Overseas Study: Majors in German Studies are required to spend a minimum of a summer, or ideally, the junior year in Germany, Austria, or German-speaking Switzerland to increase proficiency in the language and international perspective. (Consult the German Studies Department for information on the programs most suited to your interests and needs.) Upon their return from study abroad, students are required to take one additional German course appropriate to their level of proficiency.
• Transfer Credit. Appropriate courses taken abroad can be counted as GRMN 25000 or 30000-level courses. GRMN 40100 will normally take place during the junior year. With approval, GRMN 40100 can be completed during study abroad.
• If students place out of the intermediate-level courses (GRMN 20100, 20200), they have to make up the remaining courses with other classes in the German Studies Department or with transfer credits from abroad.
• Electives: One of the following courses with substantial German content may be counted towards the German Studies major: ARTD 32200 The Age of the Witch-Hunts; ARTD 22200 Modern Art; CMLT 24800 The Perils of Romanticism; GRMN 31900 Applied Linguistics; HIST 10121 Hitler and the Nazi State; HIST 20800 Europe 1890-1945; HIST 20900 Europe Since 1945; HIST 21000 Ideas that
Shaped the Modern World: Intellectual History of Modern Europe; HIST 22500
Modern Germany; HIST 10167 The Holocaust; PHIL 26000 Nineteenth Century
Continental Philosophy, RELS 25400 The Reformation.

- Majors are encouraged to take additional courses in German Studies or in
related disciplines as electives.
- **Minor in International Business Economics:** Students who are interested in
a fundamental preparation in international business or finance with a focus
on German language and economic issues may choose a major in German
Studies and a prescribed core of complementary courses. Interested students
should consult with the chair of German Studies and the chair of Business
Economics.
- The Zertifikat Deutsch Als Fremdsprache and the Mittelstufenprüfung,
administered by the Goethe Institute Centers in Germany and the U.S., are
internationally recognized as certification of advanced skills in German.
Students are encouraged to take the tests, usually after GRMN 25000 or
equivalent, offered annually at Hiram College.
- **Teaching Licensure:** To be certified by the State of Ohio for secondary
teaching of German, a student will complete eight semester courses in
German beginning at GRMN 20100 (or the equivalent as determined by
placement exam). The eight courses must include GRMN 20200, 25000,
26000, 22700 or 22800, and 31900. Study abroad is highly recommended for
prospective teachers.
- **Advanced Placement:** Students who receive a score of 4 or 5 on the CEEB
Advanced Placement Examination may count this credit toward a major or
minor in German Studies. Students who have taken the Advanced
Placement Examination are still required, regardless of the score received, to
take the departmental placement exam at the College to determine the next
appropriate course.
- **German House:** Students have the opportunity to take up residence in the
German House, a suite in Luce Hall that houses students along with a native
Austrian assistant and serves as the focal point for most campus German
language and cultural activities. Applications for residency in the German
House can be obtained from the chair and are usually due early in the spring
semester.
- One S/NC course may be included in the major. Normally the minimum
grade equivalent to "Satisfactory" is C. Students considering graduate work
in German are advised not to include S/NC work in the major.
- **Double Majors:** The department supports double majors and will work
closely with students to design an appropriate program of study. In recent
years, students have double majored in German with History, International
Relations, Archeology, Art History, Chinese, Mathematics, and
Communications. If students are double majors, one of the two I.S. courses
(GRMN 45100 or GRMN 45200) will count toward the German major; the
other counts toward the student's other major.
I. Courses Appropriate for First-Year Students
   The following courses, listed at the 10000-level, are excellent first courses for any
   student interested in history.

   HIST 10100: Introduction to Historical Study (see topical title)
      These courses are topical in focus—with sections devoted to
   themes such as “America in the Sixties,” “West Africa & Black
   America,” “The History of Islam,” “The Family in Chinese
   History,” “Hitler & the Nazi State,” “Russia’s World War II,”
   “France in the Age of the Eiffel Tower,” etc.
   HIST 10600-10700: Western Civilization (to 1600 and since 1600)
   HIST 10800: Introduction to Global History
   HIST 11000-11100: The United States Experience (to 1877 and since 1877)
   HIST 11500: History of Black America

   Most History courses listed at the 20000-level are taught at a somewhat more
   advanced level than the 10000-level introductory history courses, but nearly all of
   them have no prerequisites and presume no prior knowledge of the subject. First-
   years are very welcome in these courses. Indeed, these are excellent first courses
   in history for students who enjoyed the study of history in high school. The only
   exceptions are HIST 20100: The Craft of History (W), HIST 20200: Historical
   Workshop (.25 credit).

II. Other Courses to Consider for Students Interested in this Area
   Students interested in history will likely enjoy and benefit from courses in
   Africana Studies, Anthropology, Archaeology, Chinese Studies, Classical Studies,
   Communication, Comparative Literature, East Asian Studies, Economics,
   Education, English, Environmental Studies, Film Studies, French, German,
   International Relations, Latin American Studies, Music, Philosophy, Political
   Science, Religious Studies, Russian Studies, Sociology, South Asian Studies,
   Spanish, Urban Studies, WGSS.

III. Courses Beyond the Introductory Level
     (Determined by AP Credit, Placement Test, or Special Permission).
     Any 20000-level course aside from HIST 20100 and HIST 20200 would be
     appropriate.

IV. Major in History
   Consists of ten courses:
   • Four History courses at the 20000-level or above
   • Three History courses at any level
   • Among these seven courses:
     o Global Perspectives. A minimum of one course in the history of a
       society outside the U.S. and Europe
     o Pre-1800 Perspectives. A minimum of one course in history before 1800
   • Junior Independent Study: HIST 40100
   • Senior Independent Study: HIST 45100
   • Senior Independent Study: HIST 45200
V. Special Notes

• **HIST 20100:** The Craft of History is strongly recommended for the major and the minor. It should normally be taken in the sophomore year.

• **Advanced Placement:** A student obtaining a score of 5 on one of the CEEB Advanced Placement Examinations in History will automatically receive two course credits in History; a student scoring 4 will receive one course credit. A student will receive a maximum of three course credits in History for any combination of Advanced Placement Examinations. These credits may be counted toward the History major and minor. Students receiving Advanced Placement in History should consult with the Department before registering for 10000-level survey courses in the department. The advanced placement policy of the College is explained in the *Catalogue* section on *Admission.*
Chair: Greg Shaya  
Kauke 111  
extension 2169  
gshaya@wooster.edu

I. Courses Appropriate for First-Year Students
   ECON 10100: Principles of Economics  
   PSCI 12000: Introduction to International Relations  
   One of the following:  
   HIST 10100: Introduction to Historical Study*  
   HIST 10700: Western Civilization Since 1600  
   HIST 10800: Introduction to Global History  
   Foreign language 10100 or appropriate course based on language placement exam

   *when courses focus on global phenomena or I.R. themes

II. Other Courses to Consider for Students Interested in this Area
In addition to courses in Economics, History, and Political Science, students are encouraged to consider courses in foreign languages, area studies, and interdisciplinary studies, including Africana Studies, Chinese Studies, East Asian Studies, Environmental Studies, Film Studies, French, German, Latin American Studies, Russian Studies, South Asian Studies, Spanish, Urban Studies, WGSS.

III. Courses Beyond the Introductory Level
   (Determined by AP Credit, Placement Test, or Special Permission)

1. Home Department: Majors should finalize a home department in Economics, History, or Political Science by the end of the sophomore year in order to be assigned to an appropriate advisor and to plan the scheduling of the required course track leading up to Senior Independent Study Thesis.

2. Foreign Language: Majors need to complete five courses or the course equivalency (including at least one course beyond the 20200 level) in a foreign language

3. Overseas Term: Students should also carefully review the program options for their overseas study semester with the Director of Off-Campus Study. Remember that applications for study abroad are due no later than March 1 of the year preceding off-campus study. Thus, IR majors must have their study abroad plans set no later than March 1 in their sophomore year for their semester off-campus in their junior year. Students who intend to study abroad in their sophomore year must have their study abroad application in place March 1 of their first year.

   An important part of selecting an appropriate study abroad plan is to consider what coursework, in particular language training, the student intends to pursue and transfer back to count toward the IR major. Students should review their plans in advance with the IR Chair and will require approval for transferring these courses when they return, so it is important to bring back documentation related to these courses.

4. Independent Study: Students are strongly encouraged to undertake courses in the major, as well as an overseas term, that will inform their Independent Study thesis work. Students should keep this in mind when scheduling the remainder of their major course requirements in their junior and senior years.
IV. Major

Major in International Relations—Home Department: Economics
Consists of fifteen courses:
• PSCI 12000
• ECON 10100
• One of the following courses: HIST 10100*, HIST 10700 or HIST 10800
• One upper-level foreign language course (see note below)
• One of the following courses: PSCI 22100, 22200, 22300, 22400, 22500, 22600, 22800, or 22900
• One of the following courses: HIST 20100*, 20800, 20900, 21600, 22700, 22800, 23200, 23700, 27500*, or 30100
• One of the following courses: ECON 20100 or 20200
• One of the following courses: ECON 25100, 25200, or 25400
• One of the following courses: PSCI 24200, 24400, 24600, 24700, or 24900
• ECON 11000
• ECON 21000
• PSCI 22700
• Junior Independent Study: ECON 40100
• Senior Independent Study: ECON 45100
• Senior Independent Study: ECON 45200

*when courses focus on global phenomena or I.R. themes

Major in International Relations—Home Department: History
Consists of fourteen courses:
• PSCI 12000
• ECON 10100
• One of the following courses: HIST 10100*, HIST 10700 or HIST 10800
• One upper-level foreign language course (see note below)
• One of the following courses: PSCI 22100, 22200, 22300, 22400, 22500, 22600, 22800, or 22900
• One of the following courses: HIST 20100*, 20800, 20900, 21600, 22700, 22800, 23200, 23700, 27500*, or 30100*
• One of the following courses: ECON 20100 or 20200
• One of the following courses: ECON 25100, 25200, or 25400
• One of the following courses: PSCI 24200, 24400, 24600, 24700, or 24900
• One of the following courses: HIST 20100 or HIST 29800
• PSCI 22700
• Junior Independent Study: HIST 40100
• Senior Independent Study: HIST 45100
• Senior Independent Study: HIST 45200

*when courses focus on global phenomena or I.R. themes

Major in International Relations—Home Department: Political Science
Consists of thirteen courses:
• PSCI 12000
• ECON 10100
• One of the following courses: HIST 10100*, HIST 10700 or HIST 10800
• One upper-level foreign language course (see note below)
• One of the following courses: PSCI 22100, 22200, 22300, 22400, 22500, 22600, 22800, or 22900
• One of the following courses: HIST 20100*, 20800, 20900, 21600, 22700, 22800, 23200, 23700, 27500*, or 30100*
• One of the following courses: ECON 20100 or 20200
• One of the following courses: ECON 25100, 25200, or 25400
• One of the following courses: PSCI 24200, 24400, 24600, 24700, or 24900
• PSCI 22700
INTERNATIONAL RELATIONS

• Junior Independent Study Equivalent: PSCI 35000
• Senior Independent Study: PSCI 45100
• Senior Independent Study: PSCI 45200

*when courses focus on global phenomena or I.R. themes

V. Special Notes
Overseas Study: Credit for the overseas term will be given typically for participation in a Wooster-endorsed program. Normally the overseas term will be at least one academic semester in length. Summer programs must be a minimum of eight weeks in length. Programs other than Wooster-endorsed programs will count only toward the fulfillment of the requirement by special permission, obtained in advance through written petition. The International Relations major must have one foreign language course beyond the first four courses in a foreign language (i.e., three semesters more than the existing College graduation requirement in a single language). Majors in the home department of History cannot count the same HIST 30100 course twice. Majors are encouraged to take both ECON 20100 and ECON 20200.
International Relations Program Advising Worksheet Rev. Aug 2012

Name: ________________________________

Home Department: ____________________

**Introductory Courses:**

- PSCI 12000, Introduction to International Relations
- ECON 10100, Principles of Economics (prerequisite for all Economics courses)

One of the following courses:
- HIST 10100, Intro to Historical Study (when focused on global phenomena or IR themes)
- HIST 10700, Western Civilization Since 1600
- HIST 10800, Introduction to Global History

**Specialized Courses Across the Discipline**

**One Upper Level History Elective:**

- HIST 201*, The Craft of History
- HIST 208, Europe, 1890-1945
- HIST 209, Europe since 1945
- HIST 216, Modern Latin America
- HIST 227, Modern Middle East
- HIST 228, Israel/Palestine: Histories in Conflict
- HIST 232, Africa Since 1800
- HIST 237, The United States and China
- HIST 275*, Studies in History
- HIST 301*, History Colloquium
  *Courses focused on global phenomena or international relations themes

**Two Courses in Economics:**
(including Econ 201 and/or 202 and an elective)

- ECON 201, Intermediate Micro. Theory
  (prerequisite Math 104 or 111)
- ECON 202, Intermediate Macro. Theory
- ECON 251, International Trade
- ECON 254, Economic Development
- ECON 350, International Finance
  (prerequisite Econ. 202)

**One Course in Advanced International Relations:**

- PSCI 221, International Security
- PSCI 222, Problems of the Global Community
- PSCI 223, United States Foreign Policy
- PSCI 224, Comparative Foreign Policy
- PSCI 225, The United Nations System
- PSCI 226, International Political Economy
- PSCI 228, Nationalism and Interdependence
- PSCI 229, Special Topics in Int’l Relations

**One Course in Comparative Politics:**

- PSCI 242, The Politics of Western Europe
- PSCI 244, Politics in Developing Countries
- PSCI 246, Peace Studies
- PSCI 247, Special Topics in Comparative Politics
- PSCI 249, Gov’t and Politics of Africa

**Advanced Theory**

- PSCI 227, Theories of International Relations

(over)
Foreign Language Study
Language selected: ____________
Five courses or course equivalency (including at least one beyond the 202 level):
_________ _________ _________ ________

Home Department Methodology Requirements

Home Department: History (4 courses)
One of the following courses
____HIST 201, Craft of History
____HIST 298, The Making of History

Note: You cannot count the same HIST 201 for the advanced History requirement and the methodology requirement.

In addition:
____HIST 401, Junior Independent Study
____HIST 451-452, Senior Independent Study

Home Department: Economics (5 courses)
____ECON 110, Quantitative Methods
____ECON 210, Applied Regression
____ECON 401, Junior Independent Study
____ECON 451-452, Senior Independent Study

Home Department: Political Science (3 courses)
____PSCI 350, Research Methods and Design
____PSCI 451-452, Senior Independent Study

Overseas Study:
Program Selected: ________________________________
Term Completed: ________________________________
LATIN AMERICAN STUDIES

Chair: Cynthia Palmer
Kauke 207
extension 2405
cpalmer@wooster.edu

Latin American Studies combines a multidisciplinary approach to Latin America and the Hispanic Caribbean, Spanish and/or Portuguese language study, and off-campus study to deepen participating students’ knowledge of the area. Contributing courses are not restricted to the region’s geographic limits but also include the experiences of diasporic communities as well as courses that provide a broader theoretical perspective to help students understand Latin Americans’ diverse lived experiences. This firm grounding in the history, cultures, and languages of Latin America will allow students from any major to bring a wider global perspective to their disciplinary projects.

I. Courses Appropriate for First-Year Students

- HIST 10100: Introduction to Historical Study [W, C, HSS]
- HIST 21500: Colonial Latin America [C, HSS]
- HIST 21600: Modern Latin America [C, HSS]
- SPAN 10100: Beginning Spanish Level I (Fall only)
- SPAN 10200: Beginning Spanish Level II (Spring only)
- SPAN 20100: Intermediate Spanish for Grammar, Conversation and Composition I
- SPAN 20200: Intermediate Spanish for Grammar, Conversation and Composition II

Note: All placement in Spanish courses is determined by the results of the College’s Spanish Language Placement Exam. ALL first-year students who have had one year (or more) of prior study of Spanish, including students who have taken the AP exam, must take the College’s Placement Exam. Questions about placement should be referred to the Chair of the Spanish Department.

II. Courses to Consider for Students Interested in this Area

- ANTH 11000: Introduction to Anthropology [C, HSS] (prerequisite for ANTH 23100)
- SPAN 22400: Readings in Latin American Cultures [W, C, AH]
- THTD 24700: Latin American Theatre [W, AH]
- WGSS 12000: Introduction to Women’s, Gender and Sexuality Studies [AH or HSS] (prerequisite for WGSS 204)

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)

Students interested in the Latin American Studies minor should be encouraged to begin planning early for study abroad. Information on study abroad programs in Latin America and the Hispanic Caribbean is available from the LAS chair and the Director of Off-Campus Studies. Students should also be informed that most study-abroad programs require the completion of two years of college-level Spanish.

In the first semester, placement normally determines which Spanish course the student should take. Students may be placed into Spanish 201, 202 or beyond. Advisors should encourage first-year students to continue language study beyond the requirement and to do so without interruption.
IV. Minor in Latin American Studies
Consists of six courses:
- One of the following courses: HIST 21500 or 21600
- SPAN 22400
- One elective taken from Latin American Studies courses in a department other than History or Spanish
- Three electives taken from Latin American Studies courses

V. Special Notes
- **Overseas Study:** Students must study abroad in an endorsed program in the region. This may be a summer, semester, or year-long program.
- Students may take either HIST 21500 or HIST 21600 as a foundational course, although students are encouraged to take both to further their knowledge of regional history.
- In general, courses from LAST endorsed programs analyzing regional issues will automatically count as elective credit towards the minor.
- No more than three off-campus courses can be counted toward the minor.
- Supervised internships, experiential learning opportunities, or research projects awarded credit during the off-campus study term may also be counted towards the LAST minor with approval.
- Students may count no more than one Spanish elective in English towards the minor.
I. Courses Appropriate for First-Year Students

Math 10000
Math 10200 (offered spring only)
Math 10400 (offered spring only)
Math 10700 (this course can be used to prepare a student for Math 10400)
Math 10800 (Math 10700 prerequisite-spring only. The Math 10700-10800 sequence is equivalent to Math 11100)
Math 11100 (sufficient high school background required)
Math 11200 (Math 11100 or AP prerequisite)
Math 21100 (Math 11200 or AP prerequisite)
Math 21200 (Math 11200 prerequisite)
CSCI 10000
CSCI 10200

II. Other Courses to Consider for Students Interested in this Area

Math 11100
Math 11200
Math 21100
Math 21200
Math 21500
Math 22100
Math 22900
Math 24100
CSCI 100 00

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)

Math 11200
Math 21100
Math 21200
Math 21500
Math 22100

IV. Major in Mathematics

Consists of thirteen courses:

- One of the following courses: MATH 11100 or 10800
- MATH 11200
- MATH 21100
- MATH 21200
- MATH 21500
- CSCI 10000
- Two of the following courses: MATH 21900, 22100, 22300, 22500, 22700, or 22900
- Two of the following courses: MATH 32700, 32900, 33000, 33200, 33300, 33400, 33500, or 33600.
- One elective full-credit Mathematics course numbered above 21500.
- Junior Independent Study: See note below
- Senior Independent Study: MATH 45100
- Senior Independent Study: MATH 45200
V. Special Notes

- **Junior Independent Study**: In lieu of a MATH 40100 course, the College requirement of a third unit of Independent Study is satisfied through the independent work done as part of the courses numbered above 20000 which are taken to fulfill the requirements of the major.

- **Advanced Placement**: At most two courses of advanced placement may be counted toward a major or minor. Advanced Placement of one or two courses in Mathematics is available to students who have taken the Advanced Placement Examination or an equivalent examination by the Department of Mathematics and Computer Science. Students are urged to take the AP examination for this purpose when possible. A minimum score of 3 on the AP Calculus AB examination is required to receive credit for MATH 11100; a minimum score of 4 on the AP Calculus BC examination is required to receive credit for both MATH 11100 and 11200. A student placed in MATH 11200 will receive one course credit; two course credits will be granted if the student is placed in a course above the level of MATH 11200. In cases not involving AP examinations, the decision about granting such placement will be made by the Department of Mathematics and Computer Science. The advanced placement policy of the College is explained in the section on Admission.

- Majors are encouraged to pursue a minor and/or second major in related fields. Double majors often write an interdisciplinary Independent Study thesis, typically using mathematics as a tool to better understand a problem in the other field. Students considering a Mathematics major should discuss their plans with a member of the department, ideally during their first year as a student.

- MATH 21500 is required. Majors are strongly encouraged to take this course prior to the 30000-level Mathematics courses, to help develop the proof-writing skills necessary in theoretical mathematics.

- Minors should contact a member of the department to determine which Mathematics electives would be most applicable to their major.

- **Mathematics Study Abroad**: The College has direct connections with the overseas program Budapest Semesters in Mathematics in Budapest, Hungary. This program is designed for American and Canadian undergraduate mathematics students interested in a one-semester overseas study experience in which they continue their study of mathematics. The program is primarily for junior mathematics students with a strong mathematics background. All courses are taught in English by Hungarian mathematicians, most of whom have spent some time teaching in the U.S. or Canada. Courses taken in Budapest appear on the student's transcript, but grades do not count toward the student's grade point average. Only courses receiving a grade of C or above will receive Wooster credit. Most financial aid is applicable to the program, but students with financial aid should consult directly with the Director of Financial Aid.

- **Teaching Licensure (Early Childhood)**: Students who are planning to receive Ohio licensure in early childhood education are required to take EDUC 26000 Curriculum: Math/Science/Social Studies in the Early Childhood Years. No mathematics beyond this course is required to fulfill the State requirement; however, MATH 10000 would be an excellent choice to help meet Wooster's Learning Across the Disciplines requirements. Any student wishing to pursue licensure in early childhood education should plan a program carefully with the Department of Education.

- **Teaching Licensure (Middle School or Adolescent to Young Adult/Secondary)**: For Ohio licensure in middle school or adolescent to young adult/secondary teaching of mathematics, State requirements call for at least a minor in Mathematics. Because specific courses in Education and Mathematics are required for licensure, Mathematics majors seeking licensure for teaching middle school or adolescent to young adult/secondary mathematics should plan their program early, in consultation with the Department of Education. These students may choose to write a Senior Independent Study Thesis on a topic related to the teaching of middle school or adolescent to young adult/secondary mathematics.

- Combined programs of liberal arts and engineering are available. (See Pre-Professional and Dual Degree Programs: Pre-Engineering.)
Chair: Nancy Ditmer
Scheide 218
extension 2052
nditmer@wooster.edu

I. Courses Appropriate for First-Year Students
   Applied music lessons
   Performing groups: Wooster Chorus, Scot Band, Wooster Symphony Orchestra, Jazz Ensemble, Wooster Singers, Gospel Choir
   Music 10000. Fundamentals of Music (if student does not read music)
   Music Theory 10100. (if student reads music)
   Music Theory 10200 (if student completes Music Theory 101)
   Music 11100. Introduction to Music
   Music 18000. Introduction to the Electronic Studio
   Music 19000. Introduction to Music Therapy
   Music 29000. Foundations of Music Education

II. Other Courses to Consider for Students Interested in this Area
   See above

III. Courses Beyond the Introductory Level
   (Determined by AP Credit, Placement Test, or Special Permission)
   Music 21400. History of African-American Music
   Music 21500. Music of the United States
   Music 21600. The Art or Rock Music
   Music 21700. Survey of Jazz
   Music 21800. Masterpieces of Musical Theatre
   Music 21900. Women in Music

IV. Major in Music
   The Department of Music offers the following six degree programs in Music:

   The liberal arts degree: Bachelor of Arts in Music

   Pre-professional degrees: Bachelor of Music in Music History and Literature
   Bachelor of Music in Performance*
   Bachelor of Music in Theory/Composition *
   Bachelor of Music Education in Music Therapy*
   Bachelor of Music Education in Public School Teaching*

   Degrees marked with an asterisk (*) require a successful audition for entrance into the program. Please see the Handbook for Music Students and Faculty for further details.

   Copies of the Handbook for Music Students and Faculty are available at the Administrative Coordinator’s office, Scheide Music Center, Room 112. They are also distributed to all students taking MUSC 10100 and MUSC 10000 during the first few days of classes. The Handbook contains thorough information on the following topics:
   • Music Department mission statement and learning goals
   • Music facilities and policies for their use
   • Descriptions and requirements of the six degree programs in Music
   • Selecting and declaring the appropriate Music major
   • Entrance auditions for the pre-professional degree programs in Music
   • Student recitals
   • Recital and concert attendance requirements for Music majors
   • Staff accompanists
   • Applied music study (private lessons)
   • Independent Study in Music
   • Piano Proficiency Exam, required of all Music majors
• Student employment in Music
• College-owned instruments
• Music Department faculty members

The descriptions below provide only an “at-a-glance” summary of requirements for the six degree programs in Music. Please see the Degree Requirements section of this Catalogue and the Handbook for Music Students and Faculty for complete information.

Required of all Music majors, regardless of degree:
• Recital attendance requirement: 10 events per semester (see Handbook for details)
• Successful performance on the Piano Proficiency Examination (see Handbook for details)
• Specific course requirements (see individual degree listings in Degree Requirements section of this Catalog)

Bachelor of Arts in Music
Consists of twelve to fifteen course credits:
• MUSC 10100, 10200, 20100, 20200, and 30100
• MUSC 21000, 21200, 21300
• 1 credit in applied music lessons (MUSC 12000-14000, 22000-24000)
• 0-3 credits in music electives
• Junior Independent Study: MUSC 40100
• Senior Independent Study: MUSC 45100
• Senior Independent Study: MUSC 45200

Bachelor of Music in Music History and Literature
Consists of twenty-four course credits:
• MUSC 10100, 10200, 20100, 20200, 30100, 30200, 30300, 30400, and 30500
• MUSC 21000, 21100, 21200, and 21300
• Three of the following courses: MUSC 21400, 21500, 21600, 21700, 21800, 21900, 31100, or APST 21200
• MUSC 28000
• 2 credits in applied music lessons (MUSC 12000-14000, 22000-24000)
• 1.25 credits in music ensembles (see Degree Requirements for details)
• 1.25 credits in music electives
• Junior Independent Study: MUSC 40100
• Senior Independent Study: MUSC 45100
• Senior Independent Study: MUSC 45200

Note: Required courses outside the major differ from those of the B.A. degree; see Degree Requirements for details.

Bachelor of Music in Performance
Consists of twenty-four course credits:
• MUSC 10100, 10200, 20100, 20200, 30100, 30200, 30300, and 30400
• MUSC 21000, 21100, 21200, and 21300
• MUSC 28000
• One of the following courses: MUSC 37000 or 37100
• 3-5 credits in applied music lessons (MUSC 12000-14000, 22000-24000)
• 1.25 credits in music ensembles (see Degree Requirements for details)
• 1.75-3.75 credits in music electives
• Junior Independent Study: MUSC 40100
• Senior Independent Study: MUSC 45100
• Senior Independent Study: MUSC 45200

Note: Required courses outside the major differ from those of the B.A. degree; see Degree Requirements for details.

Bachelor of Music in Theory/Composition
Consists of twenty-four course credits:
• MUSC 10100, 10200, 20100, 20200, 30100, 30200, 30300, 30400, and 30500
• MUSC 21000, 21100, 21200, 21300, and 31100
• MUSC 28000
• 2 credits in applied music lessons (MUSC 12000-140,00 22000-24000)
MUSIC

- 1 credit in composition (MUSC 20800, 20900, 30800, 30900)
- 1.25 credits in music ensembles (see Degree Requirements for details)
- 2.25 credits in music electives
- Junior Independent Study: MUSC 40100
- Senior Independent Study: MUSC 45100
- Senior Independent Study: MUSC 45200

Note: Required courses outside the major differ from those of the B.A. degree; see Degree Requirements for details.

Bachelor of Music Education in Music Therapy
Consists of 24.5 course credits:
- MUSC 10100, 10200, 20100, 20200, 30100, 30300, 30500 and 30700
- MUSC 17000, 17100, 17300, 17400, 17500, and 17700
- MUSC 19000, 19100, 29000, 29100, 29200, 29300, 29400, 29500
- MUSC 21200 and 21300
- MUSC 34200
- One of the following courses: MUSC 34300 or 34400
- MUSC 37000 and 37200
- MUSC 39200, 39300, and 39400
- 3.5 credits in applied music lessons (MUSC 12000–14000, 22000–24000)
- Half-recital on major instrument (see Handbook for details)
- 1 credit in music ensembles (see Degree Requirements for details)
- MUSC 40700–40800 (Music Therapy Internship)

Note: Required courses outside the major differ from those of the B.A. degree (including BIOL 10000; EDUC 20000; PSYC 10000, 21200, and 25000; SOCI 10000 and either SOCI 20400 or SOCI 21300); NO foreign language is required for this degree program; see Degree Requirements for details.

Bachelor of Music Education in Public School Teaching
Consists of 22.25 course credits:
- MUSC 10100, 10300, 20100, 20200, 30100, 30300, 30500, and 30600
- MUSC 21000, 21200, and 21300
- MUSC 17000, 17100, 17200, 17300, 17400, 17500, 17600, and 17700
- MUSC 28000
- MUSC 29000, 34200, 34300, and 34400
- MUSC 37000 and 37200
- MUSC 39500
- 4 credits in applied music lessons (MUSC 12000–14000, 22000–24000)
- Half-recital on major instrument (see Handbook for details)
- 1.25 credits in music ensembles (see Degree Requirements for details)
- EDUC 39600, 39700, and 39800 (Multiage Student Teaching and Seminar)

Note: Required courses outside the major differ from those of the B.A. degree (including EDUC 10000, 12000, and 30000; and PSYC 11000); NO foreign language is required for this degree program; see Degree Requirements for details.

V. Special notes:
1. First-year students interested in any potential major in music should take:
   a. Music Theory 10100 or Fundamentals of Music (MUSC 10000) and Class Piano (MUSC 18100)
   b. Applied Music (private lessons) on the major instrument for ½ credit (full credit lessons are reserved for music majors on their primary instruments and generally not in the first semester at Wooster unless with permission of Department Chair).
   c. If the student tests out of Class Piano, but is not advanced enough to pass the piano proficiency requirement, then piano lessons for ½ credit or for audit are recommended.
   d. Large Ensemble (at least one – band, choir, orchestra, jazz ensemble) for credit (.13)
e. A full course load for potential majors in music is 4.500 plus .13 ensemble credit.

For students in the Bachelor of Music Education program (Majors: Music Therapy or Public School Teaching) the maximum course load is 4.875.

2. First-Year students interested in B.M.E. in music education or music therapy should also take Foundations of Music Education (Music 29000).

3. Students interested in music education or music therapy should contact Professor Ditmer or Dr. Wong as early as possible for help in planning this complex schedule.

4. Music degree programs have different general education requirements than other majors on campus, so please see "Degree Requirements" in the Catalogue for further details. The music therapy and music education degrees do not require a foreign language, so students interested in these two programs should not be encouraged to take a language.

5. All students, regardless of major, are welcomed and encouraged to participate in ensembles. Auditions are required for the following:
   a. Scot Symphonic Band (auditions in early to mid-October)
   b. Wooster Chorus (auditions during the 1st week of classes)
   c. Wooster Symphony (auditions just before beginning of classes)
   d. Jazz Ensemble (auditions at beginning of classes or just before)

Auditions are not required for the following:
   a. Scot Marching Band (Band Camp begins August 17th – percussionists on the 16th)
   b. Wooster Singers
   c. Gospel Choir
   d. Various smaller ensembles such as Wooster Brass, Percussion Ensemble, Flute Choir, Saxophone Quartet, and others as dictated by student interest.

6. For non-majors interested in participating in music or taking classes in the department, the best options are:
   a. Private lessons (Music 12000-14000)
   b. Ensembles (Music 15000-16600)
   c. Fundamentals of Music (Music 10000)
   d. Introduction to Music (Music 11100)
   e. Introduction to the Electronic Music Studio (Music 18000)
   f. History of African-American Music (Music 21400)
   g. Survey of Jazz (Music 21700)

7. Applied music requires an additional fee, equal to 1% of the College's comprehensive fee, for each ½ credit, except in the following cases:
   a. The student is a declared music major taking lessons on his/her primary instrument.
   b. The student holds a music scholarship on the instrument being taught.
   c. The student has been awarded a lesson scholarship for the semester from one of the large ensembles (band or orchestra).
Advising Suggestions for Potential Music Students
Nancy Ditmer (330-465-4885)

1. Following are the degree programs available to potential music students:
   a. B.A. – performance, music history/literature, theory/composition
   b. B.M. – performance, music history/literature, theory/composition
   c. B.M.E. – public school teaching or music therapy

2. **First-year students interested in any potential major in music should take:**
   a. Music Theory 10100
   b. Applied Music (private lessons) on the major instrument for ½ credit (full credit
      lessons are reserved for music majors on their primary instruments and generally
      not in the first semester at Wooster unless with permission of Department Chair).
   c. If piano skills are not at least at an intermediate level, piano lessons for ½ credit
      or for audit are recommended for all potential music majors.
   d. Large Ensemble (at least one - band, choir, orchestra, jazz ensemble) for credit
      (.13)
   e. A full course load for potential majors in music is 4.500 plus .13 ensemble credit.
      For students in the Bachelor of Music Education program (Majors: Music
      Therapy or Public School Teaching) the maximum course load is 4.875.

3. First-Year students interested in B.M.E. in music education or music therapy should also
   take Foundations of Music Education (Music 29000).

4. Students interested in music education or music therapy should contact Professor
   Ditmer as early as possible for help in planning this complex schedule.

5. Music degree programs have different general education requirements than other
   majors on campus, so please see “Degree Requirements” in the Catalogue for further
   details. The music therapy and music education degrees do not require a foreign
   language, so students interested in these two programs should not be encouraged to
   take a language.

6. **All students, regardless of major, are welcomed and encouraged to participate in
   ensembles.** Auditions are required for the following:
   a. Scot Symphonic Band (auditions in early to mid-October)
   b. Wooster Chorus (auditions during the 1st week of classes)
   c. Wooster Symphony (auditions just before beginning of classes)
   d. Jazz Ensemble (auditions at beginning of classes or just before)

Auditions are not required for the following:
   a. Scot Marching Band (Band Camp begins August 20th – percussionists on the 19th)
   b. Wooster Singers
   c. Gospel Choir
   d. Various smaller ensembles such as Wooster Brass, Percussion Ensemble, Flute
      Choir, Saxophone Quartet, and others as dictated by student interest.

7. **For non-majors interested in participating in music** or taking classes in the department,
   the best options are:
   a. Private lessons (Music 12000-14000)
   b. Ensembles (Music 15000-16600)
   c. Fundamentals of Music (Music 10000)
   d. Introduction to Music (Music 11100)
   e. Introduction to the Electronic Music Studio (Music 18000)
   f. History of African-American Music (Music 21400)
   g. Survey of Jazz (Music 21700)

8. **Applied music requires an additional fee,** equal to 1% of the College’s comprehensive
    fee, for each ½ credit, except in the following cases:
   a. The student is a declared music major taking lessons on his/her primary
      instrument.
   b. The student holds a music scholarship on the instrument being taught.
   c. The student has been awarded a lesson scholarship for the semester from one of
      the large ensembles (band or orchestra).
NEUROSCIENCE

Chair: Gary Gillund
Morgan 110
extension 2370
ggillund@wooster.edu

I. Courses Appropriate for First-Year Students
   PSYC 10000
   BIOL 20000
   CHEM 11000
   CHEM 12000

II. Other Courses to Consider for Students Interested in this Area
   First year students are not eligible for upper-level courses without meeting
   prerequisites.

III. Courses Beyond the Introductory Level
   (Determined by AP Credit, Placement Test, or Special Permission)
   PSYC 25000
   PSYC 23000
   BIOL 20100
   CHEM 12000

IV. Major in Neuroscience
   There are three tracks within the major. Each track consists of sixteen courses,
   and has a common core of seven courses with additional courses determined by the
   track.

Major in Neuroscience – Cognitive Behavioral Track, Psychology Focus
   Required:
   BIOL 20000. FOUND OF BIOLOGY [MNS]
   BIOL 20001. GATEWAY TO MOLECULAR AND CELLULAR BIOLOGY [Q, MNS]
   CHEM 12000. PRIN OF CHEMISTRY [Q, MNS]
   NEUR 20000. INTRO TO NEUROSCIENCE
   PSYC 32300. BEHAVIORAL NEUROSCIENCE [W, HSS]
   BIOL 38000. CELLULAR NEUROSCIENCE
   NEUR 38500. INTEGRATIVE NEUROSCIENCE SEMINAR
   PSYC 10000. INTRO TO PSYCHOLOGY [HSS]
   PSYC 23000. HUMAN NEUROPSYCHOLOGY
   PSYC 25000. INTRO TO STATISTICS AND EXPERIMENTAL DESIGN [Q]
   PSYC 45100
   PSYC 45200
   Choose 4 Electives:
   PHIL 21500. BIOMEDICAL ETHICS [AH]
   PHIL 22000. SCIENTIFIC REVOLUTIONS AND METHODOLOGY [AH]
   PSYC 23500. EVOLUTIONARY PSYCHOLOGY [HSS]
   PSYC 32100. LEARNING AND BEHAVIOR [W]
   PSYC 32200. MEMORY AND COGNITION [W]
   PSYC 33500. PERCEPTION AND ACTION [W]
   BIOL 35200. ANIMAL BEHAVIOR
   BIOL 37700. BEHAVIORAL ENDOCRINOLOGY

Major in Neuroscience – Neurobiology Track, Biology Focus
   Required:
   BIOL 20000. FOUND OF BIOLOGY [MNS]
   BIOL 20100. GATEWAY TO MOLECULAR AND CELLULAR BIOLOGY [Q, MNS]
   CHEM 12000. PRIN OF CHEMISTRY [Q, MNS]
   NEUR 20000. INTRO TO NEUROSCIENCE
   PSYC 32300. BEHAVIORAL NEUROSCIENCE [W, HSS]
   BIOL 38000. CELLULAR NEUROSCIENCE
   NEUR 38500. INTEGRATIVE NEUROSCIENCE SEMINAR
   BIOL 20200. GATEWAY TO ECOLOGY AND EVOLUTIONARY BIOLOGY [W, Q]
   BIOL20300. RESEARCH SKILLS FOR LIFE SCIENTISTS [Q]
   CHEM 21100. ORGANIC CHEMISTRY I [MNS]
NEUROSCIENCE

BIOL 40100
BIOL 45100
BIOL 45200

Choose 3 Electives:
BIOL 30400. HUMAN PHYSIOLOGY
BIOL 30500. CELL PHYSIOLOGY [W]
BIOL 30600. GENES AND GENOMES
BIOL 30700. DEVELOPMENT
BIOL 34400. COMPARATIVE ANIMAL PHYSIOLOGY
BIOL 35200. ANIMAL BEHAVIOR
BIOL 37700. BEHAVIORAL ENDOCRINOLOGY

Major in Neuroscience – Neurophysiology Track, Biochemistry and Molecular Biology Focus

Required:
BIOL 20000. FOUND OF BIOLOGY [MNS]
BIOL 20100. GATEWAY TO MOLECULAR AND CELLULAR BIOLOGY [Q, MNS]
CHEM 12000. PRIN OF CHEMISTRY [Q, MNS]
NEUR 20000. INTRO TO NEUROSCIENCE
PSYC 32300. BEHAVIORAL NEUROSCIENCE [W, HSS]
BIOL 38000. CELLULAR NEUROSCIENCE
NEUR 38500. INTEGRATIVE NEUROSCIENCE SEMINAR
BCMB 30300. TECHNIQUES IN BIOCHEMISTRY AND MOLECULAR BIOLOGY
BIOL 30500. CELL PHYSIOLOGY [W]
CHEM 21100. ORGANIC CHEMISTRY I [MNS]
CHEM 21200 ORGANIC CHEMISTRY II [MNS]
BCMB 40100
BCMB 45100
BCMC 45200

Choose 2 Electives:
BIOL 30400. HUMAN PHYSIOLOGY
BIOL 30600. GENES AND GENOMES
BIOL 30700. DEVELOPMENT
BCMB 33100. PRINCIPLES OF BIOCHEMISTRY [MNS]

V. Special Notes

- See Chemistry Department information on placement exams for CHEM 11000/12000.
- First year students are advised to complete at least the Introductory sequence in Biology and Chemistry course by the end of the first year for all tracks. First year students are advised to complete at least Introduction to Psychology by the end of the first year for the Cognitive Behavioral track.
- The electives BIOL 344000, 35200, and 37700 require BIOL 20200 as a prerequisite or special permission of instructor.
- The laboratory and classroom components are closely integrated in all courses and must therefore be taken concurrently.
- Cognitive Behavioral track majors may not double major with Psychology or Biology, Neurobiology and Cellular Neurophysiology track majors may not double major with Biology, BCMB or Chemistry.
- Cognitive Behavioral track majors may not minor in Psychology, Neurobiology and Cellular Neurophysiology track majors may not minor in Biology or Chemistry. Any minor must consist of six courses that do not double-count with the Neuroscience major.
- No minor in Neuroscience is offered.
- Students simply interested in learning something about the brain without majoring in it are directed toward the PSYC 23000: Human Neuropsychology course, not NEUR 20000.
I. Courses Appropriate for First-Year Students
   First-year students are strongly encouraged to take Ethics, Justice, and Society (Philosophy 10000) as a first course in philosophy.

II. Other Courses to Consider for Students Interested in this Area
   All 20000-level courses. Please note these courses fill up quickly.

III. Courses Beyond the Introductory Level
   (Determined by AP Credit, Placement Test, or Special Permission)
   All 20000-level courses are aimed at some specific discipline or area of study and are an appropriate second course in philosophy.

IV. Major in Philosophy
   Consists of ten courses:
   • PHIL 22000
   • PHIL 25000
   • PHIL 25100
   • One of the following 30000-level courses: PHIL 30100, 30200, 30300, or 30400
   • PHIL 31100
   • Two elective Philosophy courses
   • Junior Independent Study: PHIL 40100
   • Senior Independent Study: PHIL 45100
   • Senior Independent Study: PHIL 45200

V. Special Notes
   • Students are strongly encouraged to take PHIL 10000 as a first course in Philosophy.
PHYSICAL EDUCATION

Chair: Keith Beckett
Scot Center 336
extension 2189
kbeckett@wooster.edu

I. Courses Appropriate for First-Year Students
   PHED 20000  Women in Sport
   PHED 20100  Coaching of Individual and Team Sports
   PHED 20200  Elementary Physical Education
   PHED 20400  Exercise, Nutrition, and Stress Management
   PHED 20500  Sport in American Life

II. Other Courses to Consider for Students Interested in this Area
   PHED 20700  Administration of Physical Education

III. Courses Beyond the Introductory Level
     (Determined by AP Credit, Placement Test, or Special Permission)
     Lifetime sport and personal conditioning classes are taught both semesters and
     run 7-8 weeks and count .250 credits. Students may count up to one full credit in
     these classes toward graduation credits.

     Students involved on athletic teams may take a varsity sport credit only once
     during their time at Wooster. Members of fall sports teams should take
     advantage of this opportunity their first semester. Winter and spring sports
     athletes should sign up for spring semester.

IV. Minor in Physical Education
    Consists of six courses:
    • Six Physical Education courses at the 20000-level or beyond

V. Special Notes
I. Courses Appropriate for First-Year Students

PHYSICS 20300: FOUNDATIONS OF PHYSICS is the most appropriate course for first-year students with an interest in physics. It is the start of the Physics major, is offered every fall, and has calculus (either MATH 10700 or MATH 11100) as a co-requisite.

Students interested in physics are strongly encouraged to take calculus their first year and to choose MATH 11100 over 10700 since 11100 will provide a much better preparation for physics.

Please note that PHYSICS 10100: GENERAL PHYSICS is not an appropriate choice for first-year students interested in physics or engineering. This course does not count toward the major.

II. Other Courses to Consider for Students Interested in this Area

First-year students may also take PHYSICS 11000: PHYSICS REVOLUTIONS, PHYSICS 12100: ASTRONOMY OF STARS AND GALAXIES or PHYSICS 12200: ASTRONOMY OF THE SOLAR SYSTEM, especially if they have an interest in physics but do not have the necessary math background to take PHYSICS 20300. Note that these general interest courses do not start the major nor count towards a physics major.

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)

Occasionally, advanced first-year students begin the physics sequence with PHYSICS 20500: MODERN PHYSICS. They should consult with the chair of the department before registration.

Students with some prior physics background might take PHYSICS 22000: ELECTRONICS FOR SCIENTISTS.

IV. Major in Physics

Consists of fifteen courses:
• MATH 11100
• MATH 11200
• MATH 21200
• PHYS 20300
• PHYS 20400
• PHYS 20500
• One of the following courses: PHYS 22000 or 23000
• PHYS 20800
• PHYS 30100
• PHYS 30200
• PHYS 30400
• One of the following courses: PHYS 30300, 30500, 32000, 35000, or 37700
• Junior Independent Study: PHYS 40100
• Senior Independent Study: PHYS 45100
• Senior Independent Study: PHYS 45200

V. Special Notes

• The Foundations sequence PHYS 20300, 20400 is a prerequisite for the selection of Physics as a major and is best taken the first year, although one can still complete the major if the sequence is taken the second year.
PHYSICS

- The Calculus sequence MATH 11100, 11200 must be taken at least concurrently with the Foundations sequence, although MATH 10700, 10800 may substitute for MATH 11100.
- Those students considering graduate study in physics should also take PHYS 35000, MATH 21100, CHEM 11000, 12000, and as many advanced Physics courses as can be scheduled.
- Those students considering astronomy or astrophysics as a career should major in Physics and take PHYS 12100, 12200, and 32000.
- For students interested in engineering, Physics is a natural basis for 3-2 engineering programs, which are described under Pre-Professional and Dual Degree Programs. However, such students must complete enough physics in three years to complete the major in the fourth year, if necessary.
- PHYS 10100, 10200, 11000, 12100, and 12200 do not count toward a Physics major (except by special permission of the department).
- **Advanced Placement:** A student may receive credit if a score of 4 or 5 is obtained on any of the following AP examinations:
  - Physics B
  - Physics C: Mechanics
  - Physics C: Electricity and Magnetism

Students need to check with the chairperson of the department to determine whether they will receive one or two credits toward graduation and at what level they should begin their college Physics courses. The advanced placement policy of the College is explained in the section on Admission. Students who have taken a college level physics course (other than Advanced Level or AP Exam) and would like to place beyond the first Physics course need to take a placement exam that the chairperson administers.
- No student may receive credit for both PHYS 10100 and 20300 or PHYS 10200 and 20400.
- The laboratory and classroom components are closely integrated in Physics courses with a laboratory and must therefore be taken concurrently. The course grade and the laboratory grade will be identical and are based on performance in both components; the relative weight of the two components will be stated in each course syllabus.
- Physics majors cannot use S/NC grading option for the required courses, and the department recommends they not use it for any course in Physics, Mathematics, or Chemistry.
- Physics minors can use the S/NC grading option for no more than two of the required courses.
I. Courses Appropriate for First-Year Students in the First Semester
PSCI 11000: Introduction to United States National Politics is an introductory course that focuses on the major governmental institutions and processes in the United States, and the political forces that continue to shape them.
PSCI 12000: Introduction to International Relations is an introductory course that focuses on key actors, issues, theories, and political dynamics that shape contemporary global politics.
PSCI 13000: Introduction to Contemporary Political Ideologies is an introductory level course that engages in the comparative analysis of competing ideologies that have dominated Western politics in the twentieth century, and several of the newer ideologies that are transforming politics in the twenty-first century.
PSCI 14000: Introduction to Comparative Politics is an introductory course that compares political institutions and processes in selected countries in order to examine how societies use different approaches to resolve political problems.

II. Other Courses to Consider for Students Interested in Political Science
The Political Science Department recommends that all students begin with one of the four introductory courses. We do grant exceptions to students with AP credits to take a 20000-level course, but they should obtain the permission of the instructor or chair of the department.

III. Courses Beyond the Introductory Level
After the first semester taking an introductory 10000-level course, students are welcome to take any 20000-level Political Science classes in the second semester of their first year.

IV. Major
Students majoring in Political Science choose a concentration from one of the four fields (listed below). Students will be asked to confirm their concentration when they declare their major in Political Science, and Senior Independent Study is completed in the field of concentration.

Major in Political Science, Field I: Government and Politics in the United States
Consists of eleven courses:
• PSCI 11000: Introduction to United States National Politics
• One additional 10000-level class from PSCI 12000, 13000, or 14000 (by end of sophomore year)
• Two 20000-level classes in Government and Politics in the United States (select from PSCI 20200 through PSCI 21800)
• Students must take at least one course at any level in each of the four fields (it is not recommended for students to take more than two introductory courses overall)
• Two additional elective Political Science courses from any field
• Junior Independent Study Equivalent: PSCI 35000: Research Methods and Design
• Senior Independent Study: PSCI 45100 (on a topic related to US National Politics)
• Senior Independent Study: PSCI 45200 (on a topic related to US National Politics)
POLITICAL SCIENCE

Major in Political Science, Field II: International Relations
Consists of eleven courses:
• PSCI 12000: Introduction to International Relations
• One additional 10000-level class from PSCI 11000, 13000, or 14000 (by end of
  sophomore year)
• Two 20000-level classes in International Relations (select from PSCI 22100
  through PSCI 22900)
• Students must take at least one course at any level in each of the four fields (it
  is not recommended for students to take more than two introductory courses
  overall)
• Two additional elective Political Science courses from any field
• Junior Independent Study Equivalent: PSCI 35000: Research Methods and
  Design
• Senior Independent Study: PSCI 45100 (on a topic related to International
  Relations)
• Senior Independent Study: PSCI 45200 (on a topic related to International
  Relations)

Major in Political Science, Field III: Political Theory
Consists of eleven courses:
• PSCI 13000: Introduction to Contemporary Political Ideologies
• One additional 10000-level class from PSCI 11000, 12000, or 14000 (by end of
  sophomore year)
• Two 20000-level classes in Political Theory (select from PSCI 23100 through
  PSCI 23900)
• Students must take at least one course at any level in each of the four fields (it
  is not recommended for students to take more than two introductory courses
  overall)
• Two additional elective Political Science courses from any field
• Junior Independent Study Equivalent: PSCI 33000: Research in Political
  Theory
• Senior Independent Study: PSCI 45100 (on a topic related to Political Theory)
• Senior Independent Study: PSCI 45200 (on a topic related to Political Theory)

Major in Political Science, Field IV: Comparative Politics
Consists of eleven courses:
• PSCI 14000: Introduction to Comparative Politics
• One additional 10000-level class from PSCI 11000, 12000, or 13000 (by end of
  sophomore year)
• Two 20000-level classes in Comparative Politics (select from PSCI 24400
  through PSCI 24900)
• Students must take at least one course at any level in each of the four fields (it
  is not recommended for students to take more than two introductory courses
  overall)
• Two additional elective Political Science courses from any field
• Junior Independent Study Equivalent: PSCI 35000: Research Methods and
  Design
• Senior Independent Study: PSCI 45100 (on a topic related to Comparative
  Politics)
• Senior Independent Study: PSCI 45200 (on a topic related to Comparative
  Politics)

V. Special Notes
• Students who declare a concentration in Field I (Government and Politics in
  the United States), II (International Relations), or IV (Comparative Politics)
  are required to take PSCI 35000, usually in the junior year. Students who
  declare a concentration in Field III (Political Theory) are required to take
  PSCI 33000, usually in the junior year.
•
• Students should consult their advisor or the chair of the department concerning which courses might best complement their chosen concentration and interests.

• Students may count towards graduation as many as three additional elective courses in Political Science from any field. Indeed, students are strongly encouraged to take additional upper-division political science courses in order to acquire depth of understanding in preparation for internships and Senior Independent Study.

• Teaching Licensure: The requirements for the Teacher Education Licensure Program can be found in Teacher Education at the College of Wooster: A Supplement to the Catalogue. Interested students should consult with the chairs of Political Science and Education during their first year of study.

• Advanced Placement: A student may receive advanced placement credit in Political Science if a score of 4 or 5 is obtained on the following AP tests: United States Government and Politics Test: credit for PSCI 11000; Comparative Government and Politics Test: credit for PSCI 14000. Qualifying students must see the chair of Political Science. The advanced placement policy of the College is explained in the section on Admission.
An undergraduate B.A. degree from a liberal arts college such as Wooster can provide an excellent foundation for graduate training as a professional architect. Since the built environment both shapes and is shaped by society, an architect needs not only the technical training in design and engineering that would be provided by an advanced degree in architecture but also the broader understanding of history and culture that is best attained within the context of a liberal arts education. Moreover, an architect must think and write critically and be able to articulate his or her vision—another reason why a liberal arts B.A. is good career preparation. Two options are available to College of Wooster students interested in graduate study in architecture. Please note: Pre-Architecture is a program and not a major. What follows is a slate of courses graduate architecture programs recommend students take while in pursuit of an undergraduate B.A. degree.

**Pre-Architecture Program**
Students considering a career in architecture can major in any discipline while completing a four-year B.A. at The College of Wooster. While fulfilling their major and distribution requirements, they should plan to take the following recommended courses as preparation for graduate study:
- one semester of calculus
- one or two semesters of physics
- introduction to psychology
- two semesters of History of Western Civilization (e.g., History 10600, 10700)
- four semesters of studio art (drawing, design, photography, painting, sculpture, and ceramics particularly recommended)—either four introductory classes in different studio areas should be taken, or three introductory studio classes and one upper-level class
- one or both of the architectural history courses (Art 22300 and Art 22400) are highly recommended

While this pre-architecture curriculum can be undertaken in conjunction with the requirements of any major, many students interested in architecture tend to major in studio art, given the emphasis on that area in this recommended program.

**Cooperative Program in Architecture** (also referred to as 3+4 Cooperative Program)
Under agreement with Washington University’s School of Architecture in St. Louis, students may complete three years at The College of Wooster before applying to transfer to Washington University for a senior year of accelerated architectural study, leading to a B.A. from Wooster. Upon acceptance into the graduate program at Washington University (application for graduate admission is required), three additional years of study then lead to a Master of Architecture degree.

Washington University recommends that students include the coursework outlined above in the program of their first three undergraduate years, although it does not include introduction to psychology and art history courses in its suggested preparation.
Adviser: Susan Lehman
Taylor 105
extension 2214
sleman@wooster.edu

Students interested in the Pre-Engineering program are strongly encouraged to make an appointment with Susan Lehman of the Physics Department early in the first semester.

<table>
<thead>
<tr>
<th>Wooster Graduation Requirements</th>
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<td>First Year Seminar</td>
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<td>Writing Competency (1-2 courses, one of which is a W course)</td>
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<tr>
<td>Global and Cultural Perspectives (1-3 courses, one of which is a C course)</td>
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<tr>
<td>Religious Perspectives (1 R course)</td>
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<tr>
<td>Learning Across the Disciplines</td>
</tr>
<tr>
<td>History and Social Science (2 courses)</td>
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<tr>
<td>Arts and Humanities (2 courses)</td>
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<tr>
<td>Mathematical and Natural Sciences (2 courses)</td>
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<tr>
<td>Major (6 courses, one of which is Junior IS)</td>
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<tr>
<td>At least 24 courses of which at least 16 must be completed at Wooster</td>
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<tr>
<td>Grade Point Average (Minimum 3.0)</td>
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<thead>
<tr>
<th>Washington University</th>
<th>Case Western Reserve University</th>
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<tbody>
<tr>
<td>CSCI 15100 – Programming I</td>
<td>CSCI 15100 – Programming I</td>
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<tr>
<td>Math 11100 – Calculus I</td>
<td>Math 11100 – Calculus I</td>
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<td>Math 11200 – Calculus II</td>
<td>Math 11200 – Calculus II</td>
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<td>Math 21200 – Multivariate Calculus</td>
<td>Math 21200 – Multivariate Calculus</td>
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<td>Physics 20300 – Foundations I</td>
<td>Physics 20300 – Foundations I</td>
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<td>Physics 20400 – Foundations II</td>
<td>Physics 20400 – Foundations II</td>
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<tr>
<td>Chem 12000, 12000L – Introductory Chemistry</td>
<td>Physics 20500 – Modern Physics</td>
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<tr>
<td>Jr/Sr Humanities Courses</td>
<td>Chem 12000, 12000L – Introductory Chemistry</td>
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Additional Requirements for Chemical Engineering

Chem 21100, 21100L – Organic Chemistry I
Chem 21200, 21200L – Organic Chemistry II
Chem 31800 – Physical Chemistry I (Case Western)
Chem 31900 – Physical Chemistry II (Case Western)

Additional Case Western Requirements for Electrical Engineering

Physics 22000 – Electronics for Scientists
CSCI 25100 – Principles of Computer Organization
CSCI 25200 – Algorithms

Other Recommended Courses

Physics 20800 – Mathematical Methods for the Physical Sciences
Math 21100 – Linear Algebra
Math 23500 – Numerical Analysis

Students interested in pursuing the 3/2 Bachelor of Arts in Physics and Master of Science in Polymer Engineering with the University of Akron should consult with Susan Lehman.
PRE-HEALTH

Adviser: Paul Bonvallet
Severance 124
extension 2610
pbonvallet@wooster.edu

Students interested in the Pre-Health program are strongly encouraged to attend the information session during New Student Orientation.

I. Pre-Health Advising at the College of Wooster
Students preparing for careers in medicine, dentistry, veterinary medicine, nursing, and other areas of health care collectively advised by the Pre-Health Advising Committee. Detailed information regarding admissions, course selection, and career exploration is available online at: http://wooster.edu/academics/areas/pre-health.

II. General Course Requirements for Medical, Dental, and Veterinary Schools.
Most programs require a minimum core of prerequisite courses including:
- 2 semesters of Biology with lab (at least BIOL 20000 and 20100, but more is preferable)
- 2 semesters of General Chemistry with lab (CHEM 11000, 12000)
- 2 semesters of Organic Chemistry with lab (CHEM 21100, 21200)
- 2 semesters of Physics with lab (PHYS 10100-10200 or 2003-20400)
- 1 semester of Mathematics (usually MATH 11100)
- 1 or 2 semesters of English/Writing (FYS and "W" courses usually count)

The MCAT entrance exam is changing in the spring of 2015 (when members of the class of 2016 and beyond will take the exam) and will include the following topics:
- Biochemistry (BCMB 33100)
- upper-level Biology (choose from 30400, 30500, 30600, and 33500)
- statistical reasoning (such as BIOL 20300, CHEM 21500, ECON 11000, MATH 10200, MATH 24100, PSYC 25000, SOAN 24000, or SOC 34200)
- basic behavioral and social sciences, such as Psychology and Sociology

A comprehensive list of MCAT content is available at http://www.aamc.org/mcat2015/
The increased focus on material beyond the natural sciences reflects the longstanding fact that there is no "correct" major for pre-health students.

The college has two dual-degree programs (both of them in cooperation with Case Western Reserve University) related to health care:

1) Seven-Year Pre-Dental/Dental Program. Students are interviewed and accepted into this program prior to their entry into Wooster and are ineligible once they begin classes.

2) 3-4 Program in Nursing, leading to Master's of Science in Nursing (MSN) and Doctor of Nursing Practice (DNP) degrees. Interested students should contact a member of the Pre-Health Advising Committee no later than the end of the sophomore year.
III. Suggested Course Schedule at The College of Wooster

Students should complete their medical school application ~14 months prior to their planned entry.

For students with a strong background in science and mathematics:
- Plan to take entrance exam (MCAT, DAT, or GRE) late in the junior year
- Have most or all prerequisite coursework completed before taking entrance exam
- Highly recommend that students enroll in introductory-level Chemistry (CHEM 11000 or 12000) and Biology (BIOL 20000 or 20100) during their first semester of college

Incoming students with less-strong backgrounds may wish to consider taking only one science course (Chemistry or Biology) in their first semester and plan to use all four years at Wooster to complete prerequisite coursework with a “gap year” between graduation and medical school.
The Pre-Law Advising Program endorses and follows the American Bar Association (ABA) Guidelines on Preparing for Law School. There are four main guidelines that students should understand in preparing for law school.

I. Choosing an Academic Major
   - Any major can serve as preparation for law school.

II. Developing Fundamental Skills
   - There are a set of skills that students should develop as undergraduates. We encourage students to select courses which will strengthen these skills.
     * Analytic and Problem-solving skills
     * Critical reading abilities
     * Writing skills
     * Oral communication and listening abilities
     * General research skills
     * Task organization and Management skills

III. Exploring Values
   - Students should take courses and get involved in co-curricular activities that help them reflect upon and develop the values of serving others and promoting justice.

IV. Selecting Courses and Expanding Your Areas of Knowledge
   - Students should take courses in a range of subject areas.
     A. History
        - A broad understanding of history, particularly American history, and the various factors (social, political, economic, and cultural) that have influenced the development of the pluralistic society that presently exists in the United States.
     B. Political Science
        - A fundamental understanding of political thought and theory, and of the contemporary American political system.
     C. Philosophy
        - An understanding of logic, ethical theory, theories of justice, and philosophy of law.
     D. Economics and Business Economics
        - An understanding of elementary micro-economic theory and an understanding of the interaction between economic theory and public policy, and an ability to analyze financial data.
     E. Mathematics
        - An understanding of basic pre-calculus mathematics and statistics.
     F. Psychology and Sociology
        - A basic understanding of human behavior and social interaction.
     G. Anthropology and Cultural Diversity Courses
        - An understanding of diverse cultures within and beyond the United States.

The full set of ABA Guidelines is available at the Pre-Law Advising Web site: http://www.wooster.edu/academics/areas/pre-law

V. Special Notes
The College of Wooster has a network of Pre-Law advisers committed to assisting students in constructing an appropriate academic program, selecting and applying to
law schools, and examining career opportunities in law. The Pre-Law Advising Committee includes both faculty members with interest and experience in law and attorneys in private practice, as well as community and staff members with legal backgrounds. In addition to a network of advisers, Wooster offers a diversified, demanding, and traditional liberal arts curriculum, which is most effective in developing the necessary skills to be successful in law school and the legal profession.

Law schools and the American Bar Association point out that there is no correlation between academic major and success in law school. Extremely successful legal careers have been launched by Wooster graduates from a wide variety of academic majors, ranging from history, philosophy, and political science to communication, biology, and economics. Wooster graduates have pursued law degrees at a wide variety of institutions, including Harvard University, Columbia University, Georgetown University, the University of Virginia, Ohio State University, Case Western Reserve University, University of Michigan, University of Chicago, Northwestern University, and Stanford University. Wooster graduates have gone on to distinguished and successful careers in the judiciary, private practice, corporate counsel, government, academic administration, and public interest work.

The Pre-Law Advising Program provides various sessions that focus upon practical advice for students preparing for law school and a legal career, including such themes as "Considering Law School," "Applying to Law School," and "Choosing a Legal Career." Students are also aided in their preparation for the LSAT by offering a Mock LSAT on campus.

In addition, the Pre-Law Advising Program sponsors co-curricular programs that expand students' understanding of law and provide exposure to the legal profession. Wooster has an active Moot Court Program. One of the unique features of our Moot Court Program is that Wooster faculty and local attorneys and judges guide participating students in their preparation. The Pre-Law Advising Program sponsors "The Bell Lectureship in Law," an annual lectureship endowed by Jennie M. Bell and Federal Judge Samuel H. Bell ('47). The purpose of the Bell Lectureship is to engage students, faculty, members of the legal profession, and members of the community in a legal issue that has broad implications for society.

The College of Wooster participates in the Accelerated Program in Interdisciplinary Legal Education (AILE) with Columbia University, whereby two Wooster students may be admitted to Columbia School of Law after their junior year. The students are selected jointly by the College and Columbia School of Law. Applications are made through the Pre-Law Committee chairperson at the College. Students accepted into this 3-3 program receive their B.A. from Wooster after completing their first year at Columbia. In addition, this program requires that students incorporate twelve hours of interdisciplinary study into their law school program after the first year.
Chair: John Neuhoff
Morgan 112
extension 2475
jneuhoff@wooster.edu

I. Courses Appropriate for First-Year Students
Psychology 10000 is the most appropriate course for entering students. This
course will be offered both semesters. Students contemplating a major or minor
in psychology are strongly encouraged to take Psychology 10000 in their first
year. Students who can meet the prerequisite for Psychology 25000 (Statistics)
are encouraged to enroll.

Psychology 11000 may also be taken. It is designed as a course primarily for non-
majors.

II. Other Courses to Consider for Students Interested in this Area
Psychology majors are strongly encouraged to complete a two-semester sequence
of a laboratory course in biology or chemistry and at least one math course. The
Communication, Sociology and Anthropology, and Philosophy Departments also
offer courses of interest to psychology students.

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)
Students who have received credit for Psychology 10000, at Wooster or
elsewhere, they can take any of the 20000-level courses. A student who has
received a 4 or 5 on the Advanced Placement Examination in Psychology may
receive credit for PSYC 10000 and does not need to take that course as a
prerequisite for advanced courses. The advanced placement policy of the
College is explained in the section on Admission.

NOTE: Because of the prerequisite structure of the psychology major,
students interested in the psychology major are strongly encouraged to speak
with a professor in the Psychology Department before the end of their first
year at the College. At a minimum, students must complete Psychology 25000,
Introduction to Statistics and Experimental Design, by the end of the second
semester of their sophomore year in order to complete the psychology major
on time.

IV. Major in Psychology
Consists of ten courses:
• PSYC 10000
• PSYC 25000
• One elective 20000-level Psychology course
• One of the following 30000-level courses: PSYC 32100, 32200, 33500, or NEUR
  32300
• One of the following 30000-level courses: PSYC 32500, 32700, or 33000
• Three elective 30000-level Psychology courses
• Senior Independent Study: PSYC 45100
• Senior Independent Study: PSYC 452 00

V. Special Notes
• A minimum grade of C is required in PSYC 25000 to advance in the major or
  minor.
• Majors and minors are not permitted to take any courses within the
department for S/NC credit, except for internships.
I. Courses Appropriate for First-Year Students
First-year students are strongly encouraged to enroll in any of our four
introductory courses. These are offered annually, often with multiple sections
each semester:

 Religious Studies 10000: Comparative Religious Traditions: East and West
 Religious Studies 10001: Comparative Religious Traditions: Near East
 Religious Studies 10002: Comparative Religious Traditions: South Asia
 Religious Studies 10003: Comparative Religious Traditions: East Asia
 Religious Studies 11000: Religions East and West
 Religious Studies 12000: Introduction to Biblical Studies
 Religious Studies 13000: American Religious Communities

This list does not represent a sequence, and none of these courses has a
prerequisite. Any of these courses offers a good introduction to the academic
study of religion, from a particular perspective within the field. (See the
Catalogue for course descriptions or contact the department chair if there are
more questions about these courses.) Each of these courses meets the Learning
Across the Disciplines Arts and Humanities requirement; also, each of these
courses is designated as meeting the Religious Perspectives (R) and the Cultural
Perspectives (C) requirements of A Wooster Education, so any of these courses
can fulfill either of these requirements.

II. Other Courses to Consider for Students Interested in this Area
Because Religious Studies is an interdisciplinary field of study, introductory
courses in a wide range of fields outside Religious Studies are useful. So,
students should consider taking introductory courses in Sociology,
Anthropology, History, Psychology, Art History, Philosophy, or other fields. In
addition, some 20000-level Religious Studies courses do not have prerequisites
and thus may be appropriate options for well-prepared students with a high
level of interest in studying religions, and in the topic of a specific 20000-level
course.

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)
See II above.

IV. Major in Religious Studies
Consists of ten courses:
• Three courses in Area I
• Three courses in Area II
• One elective Religious Studies course
• Junior Independent Study: RELS 40100
• Senior Independent Study: RELS 45100
• Senior Independent Study: RELS 45200

V. Special Notes
• No more than two 10000-level courses may count toward the major or minor
I. Courses appropriate for first-year students
   RUSS 10100  Beginning Russian (Level I)
   RUSS 10200  Beginning Russian (Level II)

II. Other Courses to Consider for Students Interested in this Area
   RUSS 21000
   RUSS 22000
   RUSS 23000
   RUSS 25000
   RUSS 26000
   CMLT 24800
   HIST 10100

   Students interested in a possible major or minor in Russian Studies should begin studying the Russian language immediately. It is also important to take the literature and culture courses soon. It is advisable to take Russian history by the sophomore year.

III. Courses Beyond the Introductory Level
   (Determined by AP Credit, Placement Exam, or Special Permission)
   First-year students who have already completed two or more years of Russian language in high school may place into Intermediate Russian (20100-20200), or, in some rare cases, even into Advanced Russian (Tutorial, 40000). They should be sure to take the placement test given before the beginning of classes.

   Students should be aware that courses in culture and literature are normally on a three-year rotation; therefore, they must plan their schedules accordingly.

   Students should also be encouraged to begin planning early for a semester (typically fall) in Russia in their junior year. Information on such programs is available from the Department Chair and the Director of Off-Campus Studies.

IV. Major in Russian Studies
   Consists of twelve courses:
   • RUSS 20100
   • RUSS 20200
   • RUSS 31000
   • RUSS 22000
   • One of the following courses: HIST 10100 (when topic focuses on Russian history), 23000, 23300, or 301 00 (when topic focuses on Russian history)
   • Three of the following courses: RUSS 23000, 25000, 26000, CMLT 24800, HIST 10100 (when topic focuses on Russian history), 23000, 23300, or 30100 (when topic focuses on Russian history)
   • RUSS 40000
   • Junior Independent Study: RUSS 40100
   • Senior Independent Study: RUSS 45100
   • Senior Independent Study: RUSS 45200

V. Special Notes
   • The College language requirement may be satisfied in Russian by completing a 10200-level course or receiving a score equivalent to the 10200-level on the placement examination administered during registration week. If a student registers for and
completes a course in language below the level at which the language department’s placement exam placed him or her, that student will not receive credit toward graduation for that course, unless he or she has obtained the permission of the instructor of the course into which the student placed and permission of the department chair.

- **Study Abroad:** Students will be encouraged to enhance their educational experience, and to fulfill their advanced Russian language requirement by studying in Russia or East Central Europe, and are advised to consult with the director of the program in the first term of their first year of study at the College. Early planning is essential for the CIEE program in St. Petersburg, as well as for other programs such as American Councils Study Abroad in Vladimir. Approved courses taken in an off-campus semester will provide additional variety in the courses offered for the major.

- **Russian House:** Students have the opportunity to take up residence in Russian House, a suite in Luce Hall that houses students along with a native Russian assistant and serves as the focal point for most campus Russian language and cultural activities.

- **Related Interdepartmental Programs:** Students interested in Russian and East European literature and culture should be aware of several interdepartmental programs in which the Department of Russian Studies cooperates: Comparative Literature, Film Studies, and International Relations.
I. Courses Appropriate for First-Year Students

Sociology 10000  Introduction to Sociology
Anthropology 11000  Introduction to Anthropology
Anthropology 11100  Topics in Anthropology
Sociology 11100  Topics in Sociology

II. Other Courses to Consider for Students Interested in this Area

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)

Anthropology 20500  Political Anthropology
Anthropology 21100  Advanced Topics in Anthropology
Anthropology 23000  Magic, Witchcraft, and Religion
Anthropology 23100  Peoples and Cultures
Sociology 20600  Urban Sociology
Sociology 21100  Advanced Topics in Sociology
Sociology 21400  Racial and Ethnic Groups in American Society
Sociology 21700  Blacks in Contemporary American Society
Any 20000-level course

IV. Major in Sociology

Consists of twelve courses:
- SOCI 10000
- ANTH 11000
- One of the following courses: SOCI 20700, 20900, 21400, 21500, or 21700
- SOAN 24000
- One of the following courses: SOCI 34200 or ANTH 34100
- SOCI 35000
- SOCI 35100
- Two elective Sociology courses (see note below)
- One elective Sociology, Anthropology, or Sociology/Anthropology course (see note below)
- Junior Independent Study: See note below
- Senior Independent Study: SOCI 45100
- Senior Independent Study: SOCI 45200

V. Special Notes

- A second or third course from SOCI 20700, 20900, 21400, 21500, or 21700 or a second 30000-level methods course (SOCI 34200 or ANTH 34100) may count as electives for the requirements for the major.
- The Junior Independent Study requirement is met by completing SOCI 35000 or 35100.
- Sociology majors who plan to attend graduate school are strongly encouraged to take SOCI 34200 (Social Statistics).
- Sociology majors who elect to participate in the 3-2 program in Social Work at Case Western Reserve University (see Pre-Professional and Dual Degree Programs) must complete all requirements in the major except Senior Independent Study. Students should see the department chairperson for more details about this arrangement.
- Teaching Licensure: The requirements for teacher licensure can be found in Teacher Education at The College of Wooster: A Supplement to the Catalogue (which can be found at the following website: www3.wooster.edu/education/current/forms.html). Students should consult with the chairpersons of Sociology and Anthropology and of Education.
SOUTH ASIAN STUDIES

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I. Courses Appropriate for First-Year Students
REL 21800

The interdepartmental minor in South Asian Studies focuses on developing an understanding of the diverse but related historical and cultural traditions of South Asia (a region that is comprised primarily of, but not necessarily limited to, the nations of India, Pakistan, Bangladesh, Nepal, Bhutan, Sri Lanka, and Afghanistan), both in their “home” locations and in their global and diasporic situations. The South Asian Studies minor recognizes the diversity of cultural and national traditions that exist across this region, but at the same time helps foster an understanding of the common cultural and historical concerns that make “South Asia” a coherent focus of study. Given the complexity of histories and traditions in this region of the world, the minor requires multidisciplinary study, and the integration of off-campus study in a South Asian country as part of the curriculum.

II. Other Courses to Consider for Students Interested in this Area
REL 11000
REL 12000
REL 13000
PHIL 10000

Because South Asian Studies is an interdisciplinary field, interested students are encouraged to take introductory courses in a wide range of fields, including Anthropology, Sociology, Political Science, Philosophy, Religious Studies, etc.

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)

Well-prepared students with strong interests in South Asian Studies are encouraged to consider these upper-level courses:
REL 21800: Hinduism
REL 22000: Buddhism
REL 22200: Islam
PHIL 23000: East-West Comparative Philosophy
PHIL 23300: Indian Philosophy and Its Roots

Courses occasionally offered in other departments (e.g., English, History) with South Asia-related topics.

IV. Minor in South Asian Studies
Consists of six courses:
• Six elective South Asian Studies courses from at least two departments

Philosophy
• PHIL 23000. East/West Comparative Philosophy \([W, C, AH]\)
• PHIL 23100. Indian Philosophy and Its Roots \([W, C, AH]\)

Religious Studies
• RELS 21800. Hinduism \([C, R, AH]\)
• RELS 22000. Buddhism \([C, R, AH]\)
• RELS 22200. Islam \([C, R, AH]\)
• RELS 23000. THE Life and Thought of Mahatma Gandhi \([W, C]\)
• RELS 26700. TOPICS IN Religious Traditions and Histories (approved when topic is South Asia-related) \([R]\)
• RELS 26900. TOPICS IN THEORIES AND ISSUES IN THE STUDY OF RELIGION (approved when topic is South Asia-related) \([R]\)
Theater and Dance
  • THTD 24300. Exploring India at Home and Abroad Through the Arts [C, AH]

V. Special Notes
  • Overseas Study: The minor is South Asian Studies requires the completion of an approved off-campus study program in a South Asian country. Acceptable programs can be either Wooster-endorsed semester-long programs in a South Asian country, or South Asia-focused "Wooster In" programs led by Wooster faculty members (e.g., Exploring India at Home and Abroad Through the Arts; Global Social Entrepreneurship, focused on India).
  • A maximum of three courses completed for transfer credit during an approved off-campus study program in South Asia may, with the South Asian Studies curriculum committee's approval, be counted toward completion of the minor.
  • Other College of Wooster courses may also be approved for the minor, if such courses are focused on South Asia. See the Chair.
I. Courses Appropriate for First-Year Students
All placement in Spanish courses is determined by the results of the College's Spanish Language Placement Exam. All first-year students who have had one year (or more) of prior study of Spanish must take the College's Spanish Placement Exam, which will determine the appropriate course. Students who have taken the Advanced Placement Exam are also required to take the Placement Exam. Advisers are encouraged to read placement results closely and to share all information with students to ensure proper placement. Students with questions about placement should be referred to the Chair of the Department. Advisers should be aware that all instructors verify placement carefully during the first two weeks of the semester and recommend course changes, when appropriate. Advisers should also keep in mind that first-year students tend to underestimate their ability and performance in foreign language courses during an initial period of adjustment. Therefore, advisers should check with the student's instructor before approving a "drop" in a required course (10100 or 10200).

Note: If a student registers for and completes a lower-level Spanish course other than the one in which he or she has placed without departmental authorization, the student will not receive credit toward graduation for the course.

II. Other Courses to Consider for Students Interested in this Area
See below; in the first semester, placement normally determines which course the student should take.

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Permission)
The course to take depends on the student's performance on the College's Spanish Language Placement Exam. The Department of Spanish will advise students and advisers of their proper placement. Some students will be placed in 20100, 20200, or 22300. Occasionally, students are placed in courses above 22300. Advisers should encourage first-year students to continue language study beyond the requirement. Students should also be informed that most study-abroad programs require the completion of two years of college-level Spanish.

IV. Major in Spanish
Consists of eleven courses:
- SPAN 20100
- SPAN 20200
- SPAN 22300 or 22400
- SPAN 27000 or 31000
- One of the following courses: SPAN 30100, 30200, 30500, 30900, or 31100
- Three elective Spanish courses at the 20000-level or above
- Junior Independent Study: SPAN 40100
- Senior Independent Study: SPAN 45100
- Senior Independent Study: SPAN 452 00

V. Special Notes
- Language requirement and Placement Exam: Successful completion of the first two courses of a foreign language satisfies the College's Foreign
SPANISH

Language Graduation Requirement. In Spanish, this corresponds to SPAN 10100 and 10200. The Spanish Placement Exam is administered each year to incoming students during first-year registration to determine the proficiency level of students who have previously studied Spanish and to determine whether they have met the graduation requirement in foreign language, and to determine course selection for those students who wish to continue to study Spanish. If a student registers for and completes a course in a language below the level at which the language department’s placement exam placed him or her, that student will not receive credit toward graduation for that course, without prior permission of the instructor of the course into which the student placed, and of the Department Chair.

- **Transfer Credit for the College’s Foreign Language Requirement:** In order to receive transfer credit toward satisfying the College of Wooster’s language requirement for taking the equivalent of SPAN 10100 (Beginning Spanish I) or SPAN 10200 (Beginning Spanish II) from another institution, the following requirements must be met: (1) The course must be taken at an accredited institution. Consult with the Office of the Registrar for this information; (2) A minimum of sixty contact hours is required for the transfer of credit; (3) If the institution is on a semester system, the course must be worth at least four semester-hours credit; (4) If the institution is on a quarter system, the course must be worth at least six quarter-hours credit; (5) The student must receive a grade of C or higher in the course. Students who wish to meet the College’s foreign language requirement in Spanish through transfer credit for courses that do not meet the minimum requirements above must consult with the chairperson prior to such study, and will be required to take the departmental placement exam to demonstrate proficiency through the SPAN 10200 level. The Department of Spanish does not accept transfer credit from dual enrollment programs to fulfill the graduation requirement or requirements in the major or the minor. A student who seeks to fulfill the College’s foreign language requirement for graduation based on work completed through a dual enrollment program must take the Spanish Placement Exam. The College does not accept transfer credit for online or distance learning courses.

- SPAN 20100, 20200, either 22300 or 22400, either 27000 or 31000, one 30000-level literature course, the Junior Seminar (SPAN 40100), SPAN 45100 and 45200 are required of all majors. Students who place above SPAN 20100 may take another upper-level course to complete the major. Whenever possible, the department strongly encourages students to take more than the required minimum of eleven courses.

The Junior Seminar is to be completed before Senior Independent Study. A student may fulfill the Junior Seminar requirement by completing SPAN 31000, if not already taken to fulfill the department’s requirements for the major, or an additional 30000-level literature course. SPAN 31900 (Applied Linguistics) does not fulfill the Junior Seminar requirement.

- Students who place above SPAN 20100 may take another upper-level course to complete the minor. It is strongly recommended that one 30000-level literature course be one of the six required courses for the minor.

- **Regarding the Major and the Minor:** SPAN 27000, 31000, the required 30000-level literature course, and Junior Seminar may not be completed through transfer credit. A student may take both SPAN 22300 and 22400 for credit toward the major or the minor only with the permission of the Department Chair. A single 30000-level literature course may not count as both the required literature course and Junior Seminar. SPAN 31000 may not count as both the required linguistics course and Junior Seminar. No more than one Spanish course taught in English may count toward the major. No Spanish courses taught in English may count toward the minor. Courses taken S/NC are not permitted in either the major or the minor.

- Please see the Degree Requirements section of this Catalogue, and the Department of Spanish Majors’ Handbook, available on the Spanish Department webpage, for more complete information. In case of questions about the requirements for the major or the minor in Spanish, students should consult with the chairperson of the department.
THEATRE AND DANCE

Chair: Kim Tritt
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I. Courses Appropriate for First-Year Students
   Theatre and Dance 10100: The Written Text
   Theatre and Dance 10200: The Visual Text
   Theatre and Dance 10300: The Physical Text
   Theatre and Dance 20300: Contemporary Dance History
   Theatre and Dance 24400: Origins of Drama
   Theatre and Dance 24700: Latin American Theatre and Performance
   Theatre and Dance 24800: Native American Performance
   Theatre and Dance 32000: Costume Design

   Note: It is important for any student considering a major or minor in Theatre and
   Dance to take either THTD 10100, THTD 10200 or THTD 10300 in their first
   semester.

II. Other Courses to Consider for Students Interested in this Area
   Theatre and Dance 12100-01, 02, 03 are practicum credit that the student can add
   once he/she has been cast in a show or received a production assignment.
   Alternatively, if the student elects to work 40 hours in the scene or costume shop,
   he/she may sign up for THTD 12100-02 during the initial fall registration.

III. Courses Beyond the Introductory Level
   (Determined by previous registration of THTD 10100, 10200, 10300)
   Theatre and Dance 30200: Playwriting

IV. Major in Theatre and Dance
   Consists of twelve courses:
   • THTD 10100
   • THTD 10200
   • THTD 10300
   • Two of the following courses: THTD 20100, 20200, 24400, or 24600
   • One of the following courses: THTD 24200, 24500, or 24800
   • Three of the following 30000-level courses: THTD 30100, 30200, or 30300
   • Junior Independent Study: THTD 40100
   • Senior Independent Study: THTD 45100 (see note below)
   • Senior Independent Study: THTD 45200

V. Special Notes
   • Students choosing to include a Production component to their Senior IS must
     also take two sections of THTD 12100-01 Performance Practicum (.250 credit
     each), and two sections of THTD 12100-02: Production/Management, for a
     total of one credit.
I. Courses Appropriate for First-Year Students
   Urban Studies 10100: Contemporary Urban Issues

II. Other Courses to Consider for Students Interested in this Area
   Economics 10100: Principles of Economics
   Political Science 11000: Introduction to United States National Policies
   Sociology 10000: Introduction to Sociology

III. Courses Beyond the Introductory Level
(Determined by AP Credit, Placement Test, or Special Placement)
   Urban Studies 20100: Special Topics in Urban Studies
   Economics 26100: Urban Economics
   Political Science 20500: Urban Politics
   Sociology 20600: Urban Sociology

IV. Major in Urban Studies
   Consists of fourteen courses:
   • URBN 10100
   • ECON 10100
   • One of the following courses: ECON 11000 or SOAN 24000
   • URBN 20100
   • PSCI 20500
   • SOCI 20600
   • One of the following courses: ECON 21000 or SOCI 34200
   • ECON 26100
   • URBN 29100
   • URBN 29200
   • URBN 29300
   • Junior Independent Study: URBN 40100
   • Senior Independent Study: URBN 45100
   • Senior Independent Study: URBN 45200

V. Special Notes
   • Off-Campus Study: The Urban Studies Program requires off-campus study –
     the Urban Semester. The off-campus program should consist of a city
     seminar and an urban related internship. Contact the chairperson of Urban
     Studies about the opportunities and arrangements for the Urban Semester.
   • To be eligible for the Urban Semester, the major must complete either URBN
     10100 or one of the following: ECON 26100, PSCI 20500, or SOCI 20600.
   • For the Urban Semester, the students enroll in URBN 29100-29200 Urban Field
     Study. This is the field placement for which the students receive two course
     credits. In addition, they enroll in URBN 29300 Urban Field Seminar, a course
     designed to familiarize the student with the particular problems of the host
     city. URBN 29100, 29200, and 29300 are graded S/NC.
   • Participation in the Urban Semester is also available to non-majors. The
     prerequisites for Urban Semester for the non-major are either URBN 10100 or
     two of the following courses: ECON 10100, ECON 26100, PSCI 20500, SOCI
     20600, or URBN 20100. The Urban Semester for the non-major consists of
     URBN 29100-29200 Urban Field Study
   • S/NC evaluation is not permitted for courses in the major, except for URBN
     29100, 29200, and 29300.
WOMEN'S, GENDER, AND SEXUALITY STUDIES

Chair: Christa Craven
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I. Courses Appropriate for First-Year Students
   12000  Introduction to Women's, Gender, and Sexuality Studies

II. Other Courses to Consider for Students Interested in this Area
    Any course cross-listed with WGSS. And/or any introductory-level course in a traditional
discipline (e.g., Anthropology, Economics, Sociology, English, Religious Studies, Chinese) which
the student is interested in combining with Women’s, Gender, and Sexuality Studies.

III. Courses beyond the Introductory Level
    (Determined by AP Credit, Placement Test, or Special Permission)
    Upper level cross-listed courses and WGSS 20000-level courses.

IV. Major in Women’s, Gender, and Sexuality Studies
    Consists of eleven courses:
    • WGSS 12000 (Introduction to WGSS)
    • Two 20000-level courses (WGSS 20200 History of Western Feminist Thought, WGSS 20400
      Global Feminisms, or WGSS 20600 Queer Lives)
    • Four cross-listed courses accepted for WGSS credit
    • WGSS 31000 (Seminar in Feminist Learning and Teaching)
    • WGSS 33000 (Feminist Methodologies)
    • Senior Independent Study: WGSS 45100
    • Senior Independent Study: WGSS 45200

V. Minor in Women’s, Gender, and Sexuality Studies
    Consists of six courses:
    • WGSS 12000 (Introduction to WGSS)
    • One 20000-level courses (WGSS 20200 History of Western Feminist Thought, WGSS 20400
      Global Feminisms, or WGSS 20600 Queer Lives)
    • Two cross-listed courses accepted for WGSS credit
    • WGSS 31000 (Seminar in Feminist Learning and Teaching)
    • WGSS 33000 (Feminist Methodologies)

VI. Special Notes
    • Majors and minors must take a course focused directly on either race or class or a culture
      other than the United States for at least one of the required cross-listed courses.
    • Students must select their cross-listed courses from at least two different divisions (AH, HSS,
      MNS).
    • Majors and minors may substitute one WGSS 32000 (Special Topics) course or one 20000-
      level course for one cross-listed course.
    • WGSS 12000 (Introduction to WGSS) and 20200 (History of Western Feminist Thought)
      may be counted toward either Arts and Humanities (AH) or History and Social Sciences
      (HSS) within the Learning Across the Disciplines requirement.
    • WGSS 40700 (Practicum) is strongly recommended.