New Students, Class of 2011

Areas of Interest

Ordinarily the student takes courses in each area of interest (probable major field) during the first year. The following list gives by area of interest those courses recommended for first-year students in the fall semester. Since most of these courses also are offered during the spring semester, no problem is created if one or more of them cannot be scheduled fall semester.

The University attempts to conform to the courses as listed in this publication. However, because changes in the schedule or curriculum are occasionally necessary, the University reserves the right to make changes in the information printed in this publication.

Areas of Interest and Recommended Courses for Fall Semester

Art
ART 110H
Art majors should try to take ART 121A, 101A, 103A and 110H in their first year.

Accounting
See Management.

Biology
BIOL 170B and 171 and/or CHEM 121B and/or MATH 120Q or MATH 201Q. If your area of interest is in the Health Professions, see under that heading the required courses for fall semester of the first year.

Business Administration
See Management.

Chemistry
CHEM 121B and MATH 120Q or MATH 201Q.
Begin the Chemistry sequence with CHEM 121B (requires math placement level of 24). Students planning to major in chemistry should take CHEM 121B, Models of Chemical Systems, and CHEM 162B, Chemical Structure and Analysis, during the first year. CHEM 121B is offered in the fall semester; CHEM 162B is offered only in the spring semester.

All students will take the Math Placement Exam. Students placing into MATH 120Q, Elementary Functions, should take this course in the fall semester. It is a co-requisite for CHEM 162B but it is best to take math courses as early as possible. Students placing into MATH 201Q, Calculus I, should take this course during the first year, preferably in the fall. PHYS 200B and PHYS 218B are prerequisites for CHEM 311 and should be taken sometime during the first two years.

Communication
ENGL 101E
Students may take COMM 190, Public Speaking, COMM 224, Group Dynamics, or COMM 270S Interpersonal Communication to explore the Communication major.

Computer Science
COMP 150Q (requires math placement level of 22)
Computer Science majors in fall semester normally take COMP 150Q. Since the
Computer Science major also requires a year of calculus, it is recommended that majors
also take MATH 201Q: those with less than strong preparation begin with MATH 120Q;
those with substantial work in calculus should contact the chair of the department.

East Asian Studies
CHIN 111 or CHIN 130A/C or CHIN 151A/C or JAPN 111 or JAPN 150A/C or
EAST 100C or EAST 290C/L or HIST 161C or RELI 100C/R.
(Beginning Chinese and Japanese offered fall semester only.)

Economics
ECON 190S (requires math placement level of 22)
The economics major requires one semester each of calculus and statistics, but the more
mathematics that students have taken, the better they will do as economics majors,
generally speaking. Some students may only be ready to take MATH 120Q. They
should take it right away and plan to take calculus as soon after as they can. Students
who have not yet attained a math placement level of 24 should work diligently in the
Math Workshop during the first semester so that they can take MATH 120Q in the
second semester.

Education
All Education major and minors must take EDUC 103S or EDUC 104R.
Early Childhood Programs must take EDUC 111 and EDUC 120. Middle Childhood
Programs must take either EDUC 111 and 120 or EDUC 112 and 120. All secondary
7-12 Programs must take EDUC 112 and 120. Students in 7-12 Programs minor in
Education and major in another department. All P-12 and K-12 Programs must take
EDUC 111 and 113 and 120. Prerequisite for EDUC 275L/276L is two 4 credit courses
from two different Fine Arts departments (Art, Music and Theatre/Dance). Students
should consider the following courses with the A designation:
* ART 101A or ART 121A or ART 241A or ART 251A or ART 265A
* MUSI 100A or MUSI 101A or MUSI 102A (must be able to read music) or MUSI 110A
* THDN 120A or THDN 270A
However, other courses from these departments, especially classes described as
“participatory” in the course descriptions are acceptable.

Engineering
MATH 120Q or MATH 201Q and PHYS 200B or COMP 150Q depending upon math
placement level. Students prepared to take MATH 201Q (Calculus) in the fall semester
take PHYS 200B and MATH 201Q; those beginning with MATH 120Q (PreCalculus)
take COMP 150Q and MATH 120Q.

English
ENGL 101E, then ENGL 180A or 190A/C as soon as possible. Students pursuing high
school teaching licensure should choose an English 180A that focuses on film or choose
ENGL 190A/C.

Environmental Studies
BIOL 130B or BIOL 131B or BIOL 143N or GEOG 120S or GEOG 220N or
GEOG 230S or BIOL 170B and BIOL 171 or GEOL 112B (Non-Science Major) or
GEOL 150B (Science Major).
Forestry
See Biology.

Foreign Languages
(Chinese, French, German, Japanese, Russian, Spanish) Language of major. Beginning Language courses appropriate to the language placement or 111 in a new language. Chin 130A/C is also available but does not count toward the language requirement because it is taught in English.
Note: CHIN 111, JAPN 111 and RUSS 111 are offered only in the fall semester of each year.

Geography
GEOG 101S or 120S or 220N or 230S or 250C or 290S.

Geology
GEOL 150B and/or CHEM 121B.

Health Professions – Dentistry, Medicine, Nursing, Physical or Occupational Therapy, Pharmacy, and Veterinary Medicine
BIOL 170B and 171 and CHEM 121B, and MATH 120Q or MATH 201Q.

History
HIST 105H/C or HIST106H/C or any other 100-level History course.

International Business
See Management.

Law
There is no specifically required major for pre-law studies. However, courses which develop skills of logical thinking and critical analysis are particularly recommended. Offerings in English, Philosophy, Political Science, Economics History, and Mathematics constitute a good place to start.

Management
MGT 260S or
ECON 190S (requires math placement level of 22) or
MGT 225 (those considering a career in accounting should take this course as soon as possible, requires math placement level of 22) or
MATH 120Q (requires math placement level of 24) or
MATH 131Q (requires math placement level of 25)

Marine Biology
BIOL 170B and 171 and/or CHEM 121B and/or GEOL 150B.

Mathematics
Math majors in fall semester normally take MATH 201Q (requires math placement level of 25); those with less than strong preparation begin with MATH 120Q (requires math placement level of 24); those with substantial work in calculus should contact the department chair.
Music
For potential majors, minors, and those able to read music: MUSI 102A, Basic Music Theory & Skills; MUSI 110A, Understanding Music (not for majors); units of Applied Music Lessons (requires departmental approval); and a Music Ensemble (requires instructor approval). Note: a music advisor may already have scheduled some of these selections for you.
For all other entry-level students, especially those with no or limited experience in music: MUSI 100A, Fundamentals of Music Studio; MUSI 101A, Elementary Music Theory; MUSI 110A, Understanding Music; units of Applied Music Lessons (requires departmental approval); and a Music Ensemble (requires instructor approval).

Philosophy
PHIL 102R or 103R or 110R or 200R.

Physics
MATH 120Q or MATH 201Q and PHYS 200B or COMP 150Q depending upon the level of math taken. Students prepared to take Calculus (MATH 201Q) enroll for PHYS 200B and MATH 201Q; those taking MATH 120Q (pre-Calculus) enroll for COMP 150Q and MATH 120Q. Students with an interest in Engineering, consult under that heading in this section for required courses.

Political Science
POLI 101S or 102S and all 200-level courses, except for POLI 260, can be taken by first-year students.

Psychology
All potential majors and minors should sign up for proseminars (PSYC 110, 120, 130, 140, 150 or 160). They should sign up for two proseminars per seminar, one in the first half and the other in the second half of the semester. Majors must take all six proseminars and minors will need to take four of the six. PSYC 100S is for non-majors and will count toward graduation credits and the “S” requirements, but will not count toward a degree in Psychology.

Religion
RELI 100R/C or 121R or 137R or 200R or 221R or 241R.

Russian Area Studies
RUSS 111.
(Russian 111 is offered only in the fall semester.)

Sociology
SOCI 101S or 110C/S.

Theatre and Dance
THDN 112A or 120A or 222A or 226A or 240A.