

LABORATORY SCIENCE REQUIREMENT COLLEGE OF SCIENCE

*You must take at least **four** courses in laboratory science
(outside of your major, total of at least 12 credits.):*

A. At least two of these courses must have an explicit laboratory component. A list of the introductory courses in biology, chemistry, earth & atmospheric sciences, and physics with an explicit laboratory component is given below.

ACCEPTABLE LABORATORY SCIENCE COURSES (FOR PART A)

ASTR

- *♦263
- *♦264

BIOL

- *110, *♣%121/136/137/138/139
- 111, *♣%131/136/137/138/139

CHM

- *115, *♣125, or *135
- 116, ♣126, or 136

EAS

- ♣*109 or *111
- 112
- *221/230 or *♣225/230

PHYS

- *152, *♣162, ♣163, or *220
- ♦221, ♦241/252, ♦251, ♦261/252, or ♦271/271L

B. The remaining two courses may be selected from any combination of the following options:

1. Choose two more courses from Part A;
or
2. Choose advanced courses in biology, chemistry, earth & atmospheric sciences, or physics which have courses from Part A as prerequisites (see list below);
or
3. Courses in engineering or computer science (excluding any courses used to satisfy your major) may also be approved. Check with an advisor in your major to find out which courses have been approved for your department.

OTHER ACCEPTABLE LABORATORY SCIENCE COURSES (FOR PART B)

Any in Part A Plus:

ASTR

- ♦363
- ♦364

BIOL

- ♣231(232)
- ♣241(242)
- 301
- 302

CHM

- 224
- 241
- 255(255L),
- 257(257L), or 261(263)
- 256(256L) or 262(264)

EAS

- 243
- 244
- 351
- 352
- 381
- 390
- 421(431)
- 422(432)
- 423(433)

PHYS

- ♦241(252),
- ♦261(252), or
- ♦271(271L)
- 342(342L)
- 344

* Introductory Courses

♦ May be duplicate credit with a course in the other column. Check the catalog.

♣ Designed for majors only.

% All four lab courses (136, 137, 138, 139) plus 121 or 131 must be completed to meet one semester of the lab science requirement. All four lab courses plus 121 and 131 meets two semesters of the requirement.

/ Both courses must be taken to fulfill the requirement.

COLLEGE OF SCIENCE GENERAL EDUCATION REQUIREMENT

You must complete 18 credit hours of study in the humanities, social sciences, and behavioral sciences. In specifying this requirement, the school identifies the following five areas:

- I. **Humanities**: literature, philosophy, and aesthetics.
- II. **Social Studies**: history or political science.
- III. **Behavioral Sciences**: economics, psychology, sociology, and anthropology.
- IV. **Communications** (see below).
- V. **Interdisciplinary Studies** (see below).

Please note:

1. A minimum of 18 hours total is required and must be distributed as follows:
 - a. Two courses in the same department from either area I, II, or III.
 - b. Two more courses from one of the two areas (I, II, or III only) not chosen to meet Requirement 1a. These two courses do not have to be in the same department, just in the same area.
 - c. Two more courses from any of the five areas.
2. Courses at the 500-level may be taken pass/not pass to satisfy the General Education requirement. Courses below 500-level must be taken for a letter grade.
3. Independent research courses are not acceptable, e.g. PSY 390.
4. If you have any questions about the General Education Requirements, please ask your advisor to help you early in your course planning.

GENERAL EDUCATION REQUIREMENT: ACCEPTABLE COURSES

- I. **HUMANITIES**
 - a. Any English literature or Foreign Language literature course.
 - b. Any Philosophy course except PHIL 150, 450, or 550.
 - c. Any Appreciation or History course in Art, Music, or Theater. Studio courses such as painting, ceramics, photography, etc. are not accepted.
- II. **SOCIAL STUDIES**
 - a. Any History course.
 - b. Any Political Science course.
- III. **BEHAVIORAL SCIENCES**
 - a. Any Sociology* course except SOC 382.
 - b. Any Anthropology course.
 - c. Any Economics course offered by the School of Liberal Arts. Credit may be granted for ECON 210 only if no additional ECON courses are taken.
 - d. Any Psychology* course except PSY 201, 202, 203, 204, 321, 323, 390, 500, 501, or 510.
 - e. *Credit may be earned for only one of SOC 340 and PSY 240.
- IV. **COMMUNICATIONS**
 - a. Skills (only one may be selected under the General Education Requirement.)
COM 224, 314, 320
 - b. Aesthetics/General Education
COM 240, 250, 251, 312, 316, 318, 329
- V. **INTERDISCIPLINARY STUDIES**
 - a. Any African-American, American, Jewish, Religious, or Women's Studies course or any culture or civilization course.
 - b. Educational Psychology (EDPS 235)
 - c. Science and Society (SCI 460)

To avoid any problems, please check with your advisor to be sure your choices are appropriate for your degree objective.

