

ECOLOGY & EVOLUTIONARY BIOLOGY

BACHELOR OF SCIENCE

At least 124 hrs. (of which 45 must be Jr/Sr hrs.—courses numbered 300 or above) **must be completed for graduation.**

Completing the minimum requirements listed on this sheet will result in **106 overall hrs.** and **43 Jr/Sr hrs.**

Double majors must complete at least 15 hrs. unique to the major.

I. General College Requirements (33 hrs):

English (9 hrs.): ENGL 101 ___; ENGL 102 (or 105) ___;

ENGL 203 (or 205, 209, 210, 211) ___

Argument & Reason (3 hrs., one of the following): ___

COMS 130, 230, PHIL 148, 310

Western Civilization (6 hrs.): HWC 204 (or 114) ___;

HWC 205 (or 115) ___

Principal Course and/or Foreign Language Requirements

(No more than one course from each topical subgroup from the principal course list can be applied toward fulfillment of this requirement. See:

http://www2.ku.edu/~clasus/pnwc/principal_courses.shtml);

Social Science (3 hrs.) ___; **Humanities** (3 hrs.) ___;

and three additional courses in foreign language, social sciences, or humanities: _____, _____, _____.

II. General Science Requirements (25-28 hrs):

_____ CHEM 184 Foundations of Chemistry I (5 hrs.)

_____ CHEM 188 Foundations of Chemistry II (5 hrs.)

_____ CHEM 622 Fund. Organic Chem. (3 hrs.) **OR**

_____ CHEM 624 Organic Chem. I (3 hrs.)

_____ MATH 121 Calculus I (5 hrs.) **OR**

_____ MATH 115 & MATH 116 Calculus I & II (6 hrs.)

TWO OF THE FOLLOWING COURSES: _____, _____

PHSX 114, PHSX 115 College Physics I & II (8 hrs.),

ATMO 105 Introductory Meteorology (5 hrs.) *see*

under Physics & Astronomy in Timetable, or

EECS 138 Introduction to Computing (3 hrs.) *see*

under Electrical Engineering and Computer Science in the School of Engineering section of the Timetable.

III. General Biology Requirements (17-18 hrs.):

_____ BIOL 150 (or 151, Honors) Principles of Molecular & Cellular Biology (4 hrs.)

_____ BIOL 152 (or 153, Honors) Principles of Organismal Biology (4 hrs.)

_____ BIOL 350 Principles of Genetics (3 hrs.)

TWO OF THE FOLLOWING FOUR COURSES

(6-7 hrs.): _____, _____

BIOL 408 Physiology of Organisms (3 hrs.)

BIOL 416 Cell Structure & Function (3 hrs.)

BIOL 417 Biology of Development (3 hrs.)

BIOL 600 Intro. Biochemistry Lectures (4 hrs.)

IV. Ecology & Evolutionary Biology Requirements (18 hrs.):

_____ BIOL 412 Evolutionary Biology (3 hrs.)

_____ BIOL 413 History and Diversity of Organisms (3 hrs.)

_____ BIOL 414 Principles of Ecology (3 hrs.)

_____ BIOL 415 Laboratory Methods in Ecology (2 hrs.)

_____ BIOL 550 Introduction to Systematics (3 hrs.)

_____ BIOL 570 Introduction to Biostatistics (3 hrs.)

_____ BIOL 599 Senior Seminar in Ecology & Evolutionary Biology) (1 hr.) (*must be taken in senior year*)

V. Elective and Laboratory Requirements (13

hrs.): BIOL courses numbered 400 or higher which include at least 3 hrs. of laboratory credit and 2 hrs. of a seminar or topics course (BIOL 419, 420, 701). Courses listed above which have not been used to fulfill the above requirements may be used as electives. No more than 3 hrs. of BIOL 423 Non-Lab Independent Study and/or BIOL 424 Independent Study (combined) can be applied towards the elective requirement with no more than 2 hours of BIOL 424 being applied towards the laboratory requirement.

BIOL _____ (____ hrs.)

BIOL _____ (____ hrs.)

BIOL _____ (____ hrs.)

BIOL _____ (____ lab hrs.)

BIOL _____ (____ lab hrs.)

BIOL _____ (____ seminar hrs.)