The schedule below is an EXAMPLE of how you can arrange your class schedule. Please consult your advisor for specific changes that may need to be made.

### Fall Semester | Spring Semester
---|---
**Freshman Year** |  
ASO 100 | BIO 110  
BIO 111 | MAT 109 or MAT 107  
*GLY 108 or GEO 210 (fulfills Gen. Ed. 4) | *GEN 108 or GEN 107 (fulfills Gen. Ed. 2)  
Gen. Ed. 1A (ENG 101) | Gen. Ed. 1B (ENG 102)  
Wellness |  
TOTAL 14 | TOTAL 13-15  
**Sophomore Year** |  
BIO 318 | BIO 316  
*CHE 111 (fulfills Gen. Ed. 4) | *CHE 112  
CHE 111L | CHE 112L  
EHS 280 | EHS 280  
MAT 108 (if 109 is NOT taken) | STA 215 or STA 270  
Gen. Ed. 1C (Oral Comm.) |  
TOTAL 14-17 | TOTAL 15  
**Junior Year** |  
BIO 320 (ACCT) | BIO 315  
*CHE 111L (fall only) or one of BIO S42, S55, S57 | BIO 335 (spring only) or one of BIO 552, S55, S57  
† Nat. Hist. Option supporting course elective | † Nat. Hist. Option supporting course elective  
Gen. Ed. 5A (History) | Gen. Ed. 3A (Arts)  
Gen. Ed. 3B (Humanities) | Gen. Ed. 3A (Arts)  
TOTAL 16 | TOTAL 16  
**Senior Year** |  
ENG 300 | GLY 415 or 504  
PHI 385 | BIO 514  
BIO 553 | BIO 554  
Gen. Ed. 5B (Soc. & Behav. Sci.) | BIO 495  
Gen. Ed. 6 (Diversity) | Gen. Ed. 6 (Diversity)  
TOTAL 15 | TOTAL 14-15  

**TOTAL HOURS TO DEGREE COMPLETION** 120

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**P R E R E Q U I S I T E S:** Consult with your advisor and/or the University Catalog regarding prerequisites for upper division BIO courses. CHE 111/111L, 112/112L, 361, and/or 366; ENG 102 and/or 105; GEO 210; GLY 107, 108, 109, 172, and/or 304; MAT 105 and/or higher.  
† BIO 335 only taught in Spring and 536 only taught in fall; may take MAT 107 and 108 instead of 109.  
‡ Upper division courses: All students are required to have a minimum of 42 hrs. upper division (300 level or above) courses distributed throughout Major/Supporting/Gen Ed/Free Electives categories.  
Refer to the University Catalog at [http://www.catalogs.eku.edu](http://www.catalogs.eku.edu) regarding University and General Education Requirements. All baccalaureate degree seeking students who enter the University are required to successfully complete one writing intensive course following completion of the ENG 102, ENG 105, or HON 102/103. Writing intensive courses are designated with the suffix “W” following the course prefix and number (e.g. HUM 300W).  
Applied Critical & Creative Thinking (ACCT) Requirement: Environmental Studies majors will fulfill ACCT with any of the following options (providing the selection is approved by the Chair in advance of enrollment/participation in the course or experience): BIO 320, 349(3), 598, HON 420 with a program-approved research topic, a program-approved service-learning course, a program-approved leadership experience, or a program-approved study abroad experience. (Credit hours are incorporated into program requirements.)

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**Course | Course Name**
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**GENERAL EDUCATION & UNIVERSITY REQUIREMENTS (40)** |  
ASO 100 | Student Success Seminar (1)  
**CORE COURSE REQUIREMENTS (27-28)** |  
BIO 111 | Cell and Molecular Biology (4)  
BIO 112 | Ecology and Evolution (4)  
BIO 316 | Ecology (4)  
BIO 318 | Botany (4)  
BIO 320 | Principles of Microbiology (4)  
BIO 495 | Evolution Theory and Application (1)  
GLY 109 | Great Moments in Earth History  
*GLY 415 or * | Sedimentary Geology (4)  
*GLY 504 | Earth Processes  
**NATURAL HISTORY REQUIREMENTS (15)** |  
BIO 514 | Evolution  
BIO 553 | Mammalogy  
BIO 554 | Ornithology  
BIO 355 or | Plant Systematics  
BIO 536 | Dendrology  
BIO 542 or | Freshwater Invertebrates  
BIO 556 or | Herpetology  
BIO 557 | Ichthyology  
**SUPPORTING COURSE REQUIREMENTS (all concentrations) (20)** |  
†CHE 111L | General Chemistry I  
CHE 111L | General Chemistry Lab I (1)  
*CHE 112 | General Chemistry II  
*CHE 112L | General Chemistry Lab II (1)  
EHS 280 | Intro. to Environ. Health Science  
*ENG 300 | Intro. to Tech. and Prof. Writing  
GEO 325S or | Environmental Land Use Planning  
GEO 425 | Land Use Decisions and Controls  
*GEO 210 or * | Introduction to Physical Geo.  
GEO 458 or | Plate Tectonics: The Active Earth  
*GLY 108 | Environmental Ethics  
*STA 215 or * | Applied Statistics I  
*STA 270 |  
Bracketed items must be taken concurrently.  
**NATURAL HISTORY SUPPORTING COURSE REQUIREMENTS (16-17)** |  
BIO 315 | Genetics (4)  
BIO 319 | Zoology (4)  
*MAT 107 and | College Algebra  
*MAT 108 | Trigonometry  
*MAT 109 | Precalculus Mathematics (5)  
†PLUS TWO (2) COURSES selected from the following:  
BIO 348 | Vertebrate Physiology  
BIO 355 | Plant Systematics  
BIO 525 | Aquatic and Wetland Plants  
BIO 536 | Dendrology  
BIO 542 | Freshwater Invertebrates  
BIO 555 | Behavioral Ecology  
BIO 556 | Herpetology  
BIO 557 | Ichthyology  
*GEO 353 or * | Geographic Information Systems  
*GEO 456 | Remote Sensing  
**FREE ELECTIVES (1-)2** |  
All courses listed above are worth 3 credit hrs. unless otherwise noted.  
* Denotes that 3 credit hours from this course are/can be applied to fulfill a Gen. Ed. requirement.