

B.A. BIOLOGY

Use this check sheet with your Degree Progress Report (DPR).

To learn about requirements for admission to the major, please visit the online course catalog: <http://catalog.ku.edu/201314/schools/cas/departments/biol/admission>

KU CORE REQUIREMENTS See <https://kucore.ku.edu/fulfilling-the-core> for approved KU Core courses and/or experiences.

- Goal 1. Critical Thinking & Quantitative Literacy Outcome 1 Outcome 2 (Can be satisfied by degree reqs.)
- Goal 2. Communication Outcome 1 (2 units of Outcome 1 satisfied by "First-year Writing" BA degree req of ENGL 101/equiv ACT/SAT/AP* and "Critical Reading & Writing" BA degree req of ENGL 102/105/AP.)
Outcome 2
- Goal 3. Breadth of Knowledge Arts & Humanities Social Sciences Natural Sciences (Can be satisfied by degree reqs.)
- Goal 4. Culture & Diversity Outcome 1 Outcome 2
- Goal 5. Social Responsibility & Ethics
- Goal 6. Integration & Creativity
- Second Language Proficiency/Third-level & Additional Foreign Language Course. (Demonstrate equivalent of initial 4 semesters in a language other than English OR demonstrate equivalent of initial 3 semesters of study in one language AND the equivalent of the initial semester of study in another language.
* Students who place in ENGL 102/105 by examination must complete ENGL 102/105 and another course meeting Goal 2, Learning Outcome 1 of the KU Core.

GENERAL SCIENCE REQUIREMENTS (28–30 h)

- CHEM 130 Chemistry I (5) CHEM 331 Organic Chemistry I Lab (2)
- CHEM 135 Chemistry II (5) MATH 121 Calculus I (5) **OR** MATH 115 & 116 Calculus I & II (6) ()
- CHEM 310 Fund Organic Chemistry (3) **OR** PHSX 114 & 115 College Physics I & II (8) **OR**
- CHEM 330 Organic Chemistry I (3) PHSX 211+216 & 212+236 Gen. Physics I & II (9)

GENERAL BIOLOGY REQUIREMENTS (24–25 h)

- BIOL 150/151 Prin Molecular & Cell Biol (4) BIOL 412 Evolutionary Biology (3-4)
- BIOL 152/153 Prin Organismal Biology (4) BIOL 599 Senior Seminar: Biology (1) (must be taken Sr yr)
- BIOL 350/360 Principles of Genetics (3-4)
- One (3 h) of the following three courses:
- BIOL 413 History & Diversity of Organisms (3) BIOL 428 Introduction to Systematics (3)
- BIOL 414 Principles of Ecology (3)
- Two (6–7 h) of the following five courses:
- BIOL 400/401 Fund Microbiology (3) BIOL 417 Biology of Development (3)
- BIOL 408 Physiology of Organisms (3) BIOL 600 Introductory Biochemistry, Lectures (4)
- BIOL 416/536 Cell Structure and Function (3)

BIOLOGY ELECTIVE AND LABORATORY REQUIREMENTS (10 h): BIOL courses numbered 400 or higher, including ≥ 4 h of lab credit. Courses listed above that have not been used to fulfill the above requirements may be used as electives. No more than 3 h 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 h of BIOL 424 being applied towards the laboratory requirement.

- BIOL _____ (__ h) BIOL _____ (__ h) BIOL _____ (__ lab h)
- BIOL _____ (__ h) BIOL _____ (__ lab h)

- **Completing the minimum General Science and major requirements** set forth above results in **62 overall h** and **31 Jr/Sr h**. Double majors must complete ≥ 15 h in the major (i.e., not in Core Reqs or General Science Reqs) that are *unique* to that major. **62 h** **31 Jr/Sr h**
- **At least 120 h** (of which **45 must be Jr/Sr h**—courses numbered 300 or above) **must be completed for graduation.** **120 h** **45 Jr/Sr h**