

B.A. BIOLOGY

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

To learn about requirements for admission to the major, please visit: <http://www.kuub.ku.edu/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 (Can be satisfied by degree reqs.) 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* (Can be satisfied by degree reqs.)
- 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 (28–31 h)

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| BIOL 105 Biology Orientation Seminar (1) <input type="checkbox"/> | CHEM 331 Organic Chemistry I Lab (2) <input type="checkbox"/> |
| CHEM 130 Chemistry I (5) <input type="checkbox"/> | MATH 115 & 116 Calculus I & II (6) OR MATH 121 Calculus I (5) OR <input type="checkbox"/> (<input type="checkbox"/>) |
| CHEM 135 Chemistry II (5) <input type="checkbox"/> | MATH 125 Calculus I (4) <input type="checkbox"/> |
| CHEM 310 Fund Organic Chemistry (3) OR <input type="checkbox"/> | PHSX 114 & 115 College Physics I & II (8) OR <input type="checkbox"/> <input type="checkbox"/> |
| CHEM 330 Organic Chemistry I (3) <input type="checkbox"/> | PHSX 211+216 & 212+236 General Physics I & II (9) <input type="checkbox"/> |

GENERAL BIOLOGY REQUIREMENTS (26–27 h)

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

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.

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| BIOL _____ (__ h) <input type="checkbox"/> | BIOL _____ (__ h) <input type="checkbox"/> | BIOL _____ (__ lab h) <input type="checkbox"/> |
| BIOL _____ (__ h) <input type="checkbox"/> | BIOL _____ (__ lab h) <input type="checkbox"/> | |

- **Completing the minimum General Science and major requirements** set forth above results in **64 overall h** and **33 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. **64 h** **33 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**