B.S. BIOLOGY

ECOLOGY & EVOLUTIONARY BIOLOGY

Use with your DPR.

☐To learn about requirements for admission to the major, please visit our online course catalog page: http://www2.ku.edu/~distinction/cgi-bin/admission368

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 ☐ ☐		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	☐		

BS GENERAL EDUCATION REQUIREMENTS *Focus on completing KU Core reqs first. Refer to your DPR and talk with a biology advisor.*

GENERAL SCIENCE REQUIREMENTS *(26–28 h)*

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

GENERAL BIOLOGY REQUIREMENTS *(17–18 h)*

BIOL 150/151 Prin Molecular & Cell Biol (4)	☐	BIOL 350/360 Principles of Genetics (3-4)	☐
BIOL 152/153 Prin Organismal Biology (4)	☐		
Two (6–7 h) of the following four courses:	☐ ☐		
BIOL 408 Physiology of Organisms (3)		BIOL 417 Biology of Development (3)	
BIOL 416/536 Cell Structure & Function (3)		BIOL 600 Introductory Biochemistry, Lectures (4)	

ECOLOGY & EVOLUTIONARY BIOLOGY REQUIREMENTS *(18 h)*

BIOL 412 Evolutionary Biology (3-4)	☐	BIOL 428 Introduction to Systematics (3)	☐
BIOL 413 History & Diversity of Organisms (3)	☐	BIOL 570 Introduction to Biostatistics (3)	☐
BIOL 414 Principles of Ecology (3)	☐	BIOL 599 Senior Seminar: Ecology & Evolutionary Biology (1)	☐
BIOL 415 Laboratory Methods in Ecology (2)	☐	(*must be taken Sr yr*)	

ECOLOGY & EVOLUTIONARY BIOLOGY ELECTIVE AND LABORATORY REQUIREMENTS (13 h): BIOL courses numbered 400 or higher, including ≥ 3 h of lab credit and ≥ 2 h of seminar/topics course (BIOL 419, 420, 499, 701). *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 _____ (__ lab h)	☐
BIOL _____ (__ h)	☐	BIOL _____ (__ lab h)	☐
BIOL _____ (__ h)	☐	BIOL _____ (__ seminar h)	☐

- **Completing the minimum General Science and major requirements** set forth above results in **74 overall h** and **43 Jr/Sr h.** Double majors must complete ≥ 15 h in the major (i.e., not in Core/Gen Ed Reqs or General Science Reqs) that are *unique* to that major. **74 h** ☐ **43 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** ☐