

B.S. MICROBIOLOGY

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

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 <input type="checkbox"/> <input type="checkbox"/>	Outcome 2 <input type="checkbox"/>
Goal 3. Breadth of Knowledge	Arts & Humanities <input type="checkbox"/>	Natural Sciences (Can be satisfied by degree reqs.)
Goal 4. Culture & Diversity	Social Sciences <input type="checkbox"/>	
Goal 5. Social Responsibility & Ethics	Outcome 1 <input type="checkbox"/>	Outcome 2 <input type="checkbox"/>
Goal 6. Integration & Creativity	<input type="checkbox"/>	
	(Can be satisfied by degree reqs.)	

GENERAL SCIENCE REQUIREMENTS (51–54 h)

BIOL 105 Biology Orientation Seminar (1)	<input type="checkbox"/>	CHEM 330 Organic Chemistry I (3)	<input type="checkbox"/>
BIOL 150/151 Prin Molecular & Cell Biology (4)	<input type="checkbox"/>	CHEM 331 Organic Chemistry I Lab (2)	<input type="checkbox"/>
BIOL 350/360 Principles of Genetics (4)	<input type="checkbox"/>	CHEM 335 Organic Chemistry II (3)	<input type="checkbox"/>
BIOL 570 Intro to Biostatistics (3) OR MATH 365	<input type="checkbox"/>	CHEM 336 Organic Chemistry II Lab (2)	<input type="checkbox"/>
Elem Statistics (3) OR PSYC 210 Stats Psyc Res (3)		MATH 115 & 116 Calculus I & II (6) OR	<input type="checkbox"/> (<input type="checkbox"/>)
BIOL 636 Biochemistry I (3-4)	<input type="checkbox"/>	MATH 121 Calculus I (5) OR MATH 125 Calculus I (4)	
BIOL 638 Biochemistry II (3)	<input type="checkbox"/>	PHSX 114 & 115 College Physics I & II (8) OR	<input type="checkbox"/> <input type="checkbox"/>
CHEM 130 Foundations of Chemistry I (5)	<input type="checkbox"/>	PHSX 211+216 & 212+236 General Physics I & II (9)	
CHEM 135 Foundations of Chemistry II (5)	<input type="checkbox"/>		

MICROBIOLOGY REQUIREMENTS (29 h)

BIOL 400/401 Fundamentals of Microbiology (3-4)	<input type="checkbox"/>	BIOL 507 Pathogenic Microbiology Laboratory (2)	<input type="checkbox"/>
BIOL 402 Fundamentals of Microbiology Lab (2)	<input type="checkbox"/>	BIOL 512 General Virology (3)	<input type="checkbox"/>
BIOL 416/536 Cell Structure & Function (3)	<input type="checkbox"/>	BIOL 513 Virology Laboratory (2)	<input type="checkbox"/>
BIOL 503 Immunology (3)	<input type="checkbox"/>	BIOL 518 Microbial Genetics (3)	<input type="checkbox"/>
BIOL 504 Immunology Laboratory (2)	<input type="checkbox"/>	BIOL 519 Microbial Genetics Laboratory (2)	<input type="checkbox"/>
BIOL 506 Bacterial Infectious Diseases (3)	<input type="checkbox"/>	BIOL 599 Senior Seminar: Current Progress in Microbiology (1)	<input type="checkbox"/>
		(must be taken Sr yr)	

ELECTIVE REQUIREMENTS (6 h): BIOL courses numbered 400 or higher to be selected in consultation with a Microbiology advisor.

BIOL _____ (__ h) BIOL _____ (__ h) BIOL _____ (__ h)

- **Completing the minimum General Science and major requirements** set forth above results in **86 overall h** and **55 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. **86 h** **55 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**