

# B.S. BIOCHEMISTRY

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 (37–38 h)**

BIOL 105 Biology Orientation Seminar (1)	<input type="checkbox"/>	CHEM 335 Organic Chemistry II (3)	<input type="checkbox"/>
CHEM 130/170 Chemistry I (5)	<input type="checkbox"/>	CHEM 336 Organic Chemistry II Lab (2)	<input type="checkbox"/>
CHEM 135/175 Chemistry II (5)	<input type="checkbox"/>	MATH 125 & 126 Calculus I & II (8)	<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) <b>OR</b>	<input type="checkbox"/> <input type="checkbox"/>
CHEM 331 Organic Chemistry I Lab (2)	<input type="checkbox"/>	PHSX 114 & 115 College Physics I & II (8)	

**BIOCHEMISTRY REQUIREMENTS (35 h)**

BIOL 150/151 Prin Molecular & Cell Biol (4)	<input type="checkbox"/>	BIOL 639 Advanced Biochemistry Lab (2)	<input type="checkbox"/>
BIOL 152/153 Prin Organismal Biology (4)	<input type="checkbox"/>	BIOL 599 Senior Seminar: Biochemistry (1) (must be taken Sr yr)	<input type="checkbox"/>
BIOL 350/360 Principles of Genetics (4)	<input type="checkbox"/>	CHEM 400* Analytical Chemistry (3)	<input type="checkbox"/>
BIOL 416 Cell Structure & Function (3)	<input type="checkbox"/>	CHEM 401* Analytical Chemistry Laboratory (2)	<input type="checkbox"/>
BIOL 636 Biochemistry I (4)	<input type="checkbox"/>	CHEM 510 Biological Physical Chemistry (3) <b>OR</b>	<input type="checkbox"/>
BIOL 637 Introductory Biochemistry Lab (2)	<input type="checkbox"/>	CHEM 530 Physical Chemistry (3)	
BIOL 638 Biochemistry II (3)	<input type="checkbox"/>	*CHEM 400 and 401 formerly were numbered CHEM 620 and 621.	

**BIOCHEMISTRY ELECTIVE REQUIREMENTS (12 h): BIOL courses numbered 400 or higher must be selected in consultation with a Biochemistry advisor. 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.**

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

- **Completing the minimum General Science and major requirements** set forth above results in **84 overall h** and **49 Jr/Sr h**. Double majors must complete  $\geq 15$  h in the major (i.e., not in Core/Gen Ed Reqs or General Science Reqs) that are *unique* to that major. **84 h**  **49 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**