

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

GENERAL SCIENCE REQUIREMENTS (35–42 h)

BIOL 105 Biology Orientation Seminar (1)	<input type="checkbox"/>	CHEM 336 Organic Chemistry II Lab (2)	<input type="checkbox"/>
CHEM 130/170/190&191 Chemistry I (5)	<input type="checkbox"/>	MATH 115 & 116 Calculus I & II (6) OR	<input type="checkbox"/> <input type="checkbox"/> (<input type="checkbox"/>)
CHEM 135/175/190&191 Chemistry II (5)	<input type="checkbox"/>	MATH 125, 125 & 127 Calculus I, II, & III (12)	
CHEM 330/380 Organic Chemistry I (3)	<input type="checkbox"/>	PHSX 114 & 115 College Physics I & II (8) OR	<input type="checkbox"/> <input type="checkbox"/>
CHEM 331 Organic Chemistry I Lab (2)	<input type="checkbox"/>	PHSX 211+216 & 212+236 General Physics I & II (9)	
CHEM 335/385 Organic Chemistry II (3)	<input type="checkbox"/>		

BIOCHEMISTRY REQUIREMENTS (36-37 h)

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

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 **83 overall h** and **50 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. **83 h** **50 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**
 - **At least 48 of the total 120 hours must be considered Major Hours, 12 of which must be Jr/Sr hours** **48 h** **12 Jr/Sr h**