

# BA in Human Biology with concentration in Biology

Below is a sample 4-year plan for students pursuing the BA in Human Biology with concentration Biology. To view the list of courses approved to fulfill Core 34, please visit the KU Core 34 page (<https://catalog.ku.edu/core34/>).

This degree plan assumes students will have the equivalent of MATH 101 or MATH 104, or equivalent prior to the freshman year, fall semester.

## Freshman

Fall	Hours	Spring	Hours
BIOL 150 or 152 (Core 34: Natural and Physical Sciences (SGE), General Science Requirement) <sup>040***, 3</sup>	3	BIOL 152 or 150 (General Science Requirement) <sup>3</sup>	3
CHEM 130 <sup>2</sup>	5	BIOL 154 (Core 34: Natural and Physical Sciences (SGE), General Science Requirement) <sup>040***</sup>	2
BIOL 105 (General Science Requirement) <sup>1</sup>	1	CHEM 135 (General Science Requirement)	5
Core 34: Social and Behavioral Science (SGE) <sup>050</sup>	3	MATH 115 or 125 (Core 34: Math and Statistics (SGE)) <sup>030*.2</sup>	3-4
Core 34: English (SGE) <sup>010</sup>	3	Core 34: English (SGE) <sup>010</sup>	3
	<b>15</b>		<b>16-17</b>

## Sophomore

Fall	Hours	Spring	Hours
1st Semester Language (BA Second Language)	5	2nd Semester Language (BA Second Language)	5
CHEM 330 (Major Requirement) <sup>5</sup>	3	ANTH 304, 309, 340, or BIOL 412 <sup>4</sup>	3-4
CHEM 331 (Major Requirement)	2	Major Category Course (Major Requirement) <sup>6</sup>	3
BIOL 350 (Major Requirement)	4	Second Area of Study/ Elective/Degree/Junior-Senior Hours (300+) <sup>7</sup>	3
Core 34: Social and Behavioral Science (SGE) <sup>050</sup>	3		
	<b>17</b>		<b>14-15</b>

## Junior

Fall	Hours	Spring	Hours
3rd Semester Language (BA Second Language)	3	4th Semester Language, or 1st semester of Another Language (BA Second Language)	3
Core 34: Arts and Humanities (SGE) <sup>060</sup>	3	PHSX 115 (or PHSX 212 & 236, General Science Requirement)	4

PHSX 114 (or PHSX 211 & 216, General Science Requirement)	4	Major Category Course (Major Requirement) <sup>6</sup>	3
Core 34: Communications (SGE) <sup>020</sup>	3	Major Category Course (Major Requirement) <sup>6</sup>	3
Major Category Course (Major Requirement) <sup>6</sup>	3		
	<b>16</b>		<b>13</b>

## Senior

Fall	Hours	Spring	Hours
BIOL 370 (General Science Requirement)	4	BIOL 599 (Major Requirement, Capstone)	1
Core 34: US Culture (SGE) <sup>070</sup>	3	Core 34: Global Culture (SGE) <sup>070</sup>	3
Core 34: Arts and Humanities (SGE) <sup>060</sup>	3	Major Category Course (Major Requirement) <sup>6</sup>	3
Major Category Course (Major Requirement) <sup>6</sup>	3	Major Category Lab Course (Major Requirement) <sup>6</sup>	1
Major Category Lab Course (Major Requirement) <sup>6</sup>	2	Second Area of Study/ Elective/Degree/Junior-Senior Hours (300+) <sup>7</sup>	3
		Second Area of Study/ Elective/Degree/Junior-Senior Hours (300+) <sup>7</sup>	3
	<b>15</b>		<b>14</b>

## Total Hours 120-122

Please note:

Students may earn degrees in more than one major within biological sciences, or in a biological science and an area outside biology by meeting the requirements of both degree programs and taking at least 15 hours of courses unique to each major.

All students in the College of Liberal Arts and Sciences are required to complete 120 total hours of which 45 hours must be at the Jr/Sr (300+) level.

\*Courses with a \* designate courses that are degree requirements but can also be taken to fulfill the KU Core 34 requirement. If another course is used to fulfill the Core 34 requirement, the course listed is still required as a degree requirement.

- BIOL 105: Biology Orientation Seminar (1 hour online course) is required for the major. It can be taken the summer prior to your freshman year.
- MATH 115 and CHEM 130 require a Math ACT score of 26+, a comparable SAT or KU Math Placement Exam score, or credit for a MATH 101 or MATH 104 equivalent course. MATH 125 requires a MATH ACT score of 28+, a comparable SAT or KU Math Placement Exam score, or credit for MATH 104.
- Concurrent or prior enrollment in CHEM 130 is required. BIOL 151 is the honors equivalent of BIOL 150 and offered in the fall semesters. BIOL 153 is the honors equivalent of BIOL 152 and offered in the spring semesters.
- BIOL 412 is offered in the spring only.
- Most medical schools require the full CHEM 330, CHEM 331, CHEM 335, and PHSX 114/PHSX 211 & PHSX 216 and PHSX 115/PHSX 212 & PHSX 236.

<sup>6</sup> Refer to the degree requirements in the catalog, the Degree Progress Report (DPR), or your advisor for a list of applicable courses. Completion of 2 of 4 major categories is required, and at least 3 hours of lab credit, 400-level or above, must be completed. These lab credit hours may come from within the two major categories being completed or from other categories.

<sup>7</sup> Hour requirements (incl. 45 jr/sr hrs) are typically met through Core 34, degree, major, second area of study and/or elective hours. Students completing the BGS with a major must choose a secondary area of study. Individual degree mapping is done in partnership with your advisor.

**Notes:**

\* - This course is a Required major course and is also part of Core 34: Systemwide General Education. If this course is not taken to fulfill the Core 34:SGE requirement, it must be taken in place of elective hours.

\*\* - This course is a Recommended Core 34: Systemwide General Education course. This specific course is not required but is recommended by the program's faculty.

\*\*\* - This course is a Required Core 34: Systemwide General Education course. This program is approved by the Kansas Board of Regents to require this specific Core 34: Systemwide General Education course. If a student did not take this course it must be taken in addition to other degree requirements.