

# BIOCHEMISTRY, BS (L&S)

## FOUR-YEAR PLAN

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This Four-Year Plan is only one way a student may complete an L&S degree with this major. Many factors can affect student degree planning, including placement scores, credit for transferred courses, credits earned by examination, and individual scholarly interests. In addition, many students have commitments (e.g., athletics, honors, research, student organizations, study abroad, work and volunteer experiences) that necessitate they adjust their plans accordingly. Informed students engage in their own unique Wisconsin Experience by consulting their academic advisors, Guide, DARS, and Course Search & Enroll for assistance making and adjusting their plan.

### SAMPLE BIOCHEMISTRY FOUR-YEAR PLAN

#### Freshman

Fall	Credits Spring	Credits
CHEM 103 or 109	4-5 CHEM 104 (if needed)	5
MATH 221	5 MATH 222	4
Communications Part A	3 Literature Breadth	3
BIOCHEM 100 <sup>1</sup>	1 Social Science Breadth	3
	<b>13</b>	<b>15</b>

#### Sophomore

Fall	Credits Spring	Credits
ZOOLOGY/BIOLOGY/ BOTANY 151 <sup>2</sup>	5 ZOOLOGY/BIOLOGY/ BOTANY 152	5
CHEM 343	3 CHEM 344	2
Literature Breadth	3 CHEM 345	3
Social Science Breadth	3 Ethnic Studies	3
INTER-LS 210	1 Social Science Breadth	3
	<b>15</b>	<b>16</b>

#### Junior

Fall	Credits Spring	Credits
BIOCHEM 507	3 BIOCHEM 508	3-4
PHYSICS 207 or 201	5 PHYSICS 208 or 202	5
Humanities Breadth	3 CHEM 327	4
Electives	4 Electives	4
	<b>15</b>	<b>16</b>

#### Senior

Fall	Credits Spring	Credits
CHEM 665 or BIOCHEM 551	3-4 BIOCHEM 551 or CHEM 665	3-4
Upper-Level Biology for major	3 Upper-Level Biology for major	3
Social Science Breadth	3 Humanities Breadth	3
Electives	2 Electives	2

BIOCHEM 691 or 681 (if needed) <sup>3</sup>	3 BIOCHEM 692 or 682 (if needed)	3
	<b>15</b>	<b>15</b>

#### Total Credits 120

- <sup>1</sup> First-year students interested in exploring the major can enroll in BIOCHEM 100.
- <sup>2</sup> Students may wish to consider pursuing the Biology Core Curriculum (Biocore) Honors certificate. For more details about how BIOCORE coursework can help them meet requirements for this major, see the Requirements page (<https://guide.wisc.edu/undergraduate/letters-science/college-wide/biochemistry-bs/#requirementstext>). Students should consult with their advisor to identify the biological science sequence that best suits their academic and personal goals.
- <sup>3</sup> Senior Thesis, Directed Study, or work experience in laboratory are recommended, but are not required for the major. However, a Senior Honors Thesis is required to earn Honors in the Major.