

BIOCHEMISTRY B.S.: Sample Plan of Study  
(2023-24 General Bulletin or later)

**Freshman Year: Fall**

BIOC 101	Frontiers in Biochemistry	1
BIOL 214	Genes, Evolution and Ecology	3
BIOL 214L	Genes, Evolution and Ecology Laboratory	1
CHEM 105 or CHEM 111	Principles of Chemistry I or Principles of Chemistry for Engineers	3
CHEM 113	Principles of Chemistry Laboratory	2
MATH 121	Calculus for Science and Engineering I	4
GER	Academic Inquiry Seminar or Breadth course	3
	<b>Semester total:</b>	<b>17 credit hours</b>

**Freshman Year: Spring**

BIOL 215	Cells and Proteins	3
BIOL 215L	Cells and Proteins Laboratory	1
CHEM 106 or ENGR 145	Principles of Chemistry II or Chemistry of Materials	3
MATH 122 or MATH 124	Calculus for Science and Engineering II or Calculus II	4

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**Junior Year: Fall**

BIOC 307	Introduction to Biochemistry: From Molecules to Medical Science	4
BIOC core or technical elective	BIOC 334 (core course) or approved technical elective course	3
Elective	Elective course	3
GER	(ov)T/TT0 1 Tftc tt ive	