

Biochemistry Major

Print PDF Curriculum Map (http://catalog.norwich.edu/residentialprogramscatalog/currmaps/biochem/biochem_1532370766330.pdf)

B.S. in Biochemistry Curriculum Map 2018-2019 Catalog

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Course	Cr.Comp	Course	Cr.Comp
FRESHMAN			
Fall		Spring	
BI 101 Principles of Biology I	4	BI 102 Principles of Biology II	4
CH 103 General Chemistry I (General Education Lab Science)	4	CH 104 General Chemistry II (General Education Lab Science)	4
EN 101 Composition and Literature I	3	EN 102 Composition and Literature II	3
MA 107 Precalculus Mathematics ¹	4	MA 121 Calculus I (General Education Math)	4
Fall Semester Total Cr.:		Spring Semester Total Cr.:	
15		15	
SOPHOMORE			
Fall		Spring	
CH 214 Communication in Chemistry (or in 3rd year)	1	BI 226 Cell Biology	4
CH 225 Organic Chemistry I	4	CH 226 Organic Chemistry II	4
EN 201 World Literature I (General Education Literature) ³	3	EN 202 World Literature II ³	3
PS 201 General Physics I ²	4	PS 202 General Physics II ²	4
MA 122 Calculus II (General Education Math)	4		
Fall Semester Total Cr.:		Spring Semester Total Cr.:	
16		15	
JUNIOR			
Fall		Spring	
BI 303 Genetics	4	CH 314 Instrumental Methods	3
CH 204 Quantitative Analysis	4	CH 315 Analysis Laboratory (taken with CH 314)	1
CH 327 Physical Chemistry I	3	CH 328 Physical Chemistry II (or Free Elective)	3
General Education Social Science (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals)	3	General Education History (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals)	3
General Education Leadership (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals)	1-3	General Education Arts & Humanities (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals)	3
		General Education Ethics (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals)	3
Fall Semester Total Cr.:		Spring Semester Total Cr.:	
15-17		16	
SENIOR			
Fall		Spring	
BI 304 Physiology	4	CH 325 Biochemistry II (or BI 226)	4
CH 324 Biochemistry I	4	CH 422 Chemical Synthesis and Examination II (Capstone)	3
CH 413 Chemistry Seminar (Capstone)	1	Free Elective	3
Free Elective	3	Free Elective	3
Free Elective	3	Free Elective	3
Fall Semester Total Cr.:		Spring Semester Total Cr.:	
15		16	
TOTAL CREDITS FOR THIS MAJOR: 123-125			

- 1 MA 107 can be substituted with a Free Elective credit if Math Placement Test places a student into MA 121
- 2 PS 211 - PS 212 may be substituted for PS 201 - PS 202
- 3 EN 112 or EN 204 may be substituted for one semester of World Literature.