

BIOLOGY (BA) - GENERAL TRACK

Program Map

Suggested four year course schedule with MATH 0999B Support for College Algebra B or MATH 0999C Support for College Algebra C

Course	Title	Credit Hours
First Year		
Fall		
Institutional Priorities	ITDS 1779 (2), LEAD 1705 (2), PERS 1506 (1; may be repeated with different topic), PERS 1507 (2)	1
Arts, Humanities, and Ethics	Fine Arts	3
Social Studies	World Culture	3
BIOL 1715	Professionalism and Careers in Biology (Field of Study Requirements) (minimum grade of C)	1
ENGL 1101	English Composition I (minimum grade of C)	3
MATH 1111	College Algebra (minimum grade of C)	3
MATH 0999B or MATH 0999C	Support for College Algebra B ¹ or Support for College Algebra C	3
Credit Hours		14
Spring		
Field of Study Requirement	BIOL 1107K Principles of Biology (minimum grade if C)	4
Technology, Mathematics, and Sciences	CHEM 1211 Principles of Chemistry I and CHEM 1211L Chemistry I Lab (minimum grade of C in both)	4
ENGL 1102	English Composition II (minimum grade of C)	3
AREA G	Foreign Language 1001 (minimum grade of C)	3
MATH 1113	Pre-Calculus (minimum grade of C) ²	4
Credit Hours		18
Second Year		
Fall		
BIOL 1108K	Principles of Biology II	4
CHEM 1212 & 1212L	Principles of Chemistry II and Principles of Chemistry II Lab (minimum grade of C)	4
Program Requirement	Foreign Language 1002 (minimum grade of C)	3
KINS 1106 or PHED 1205	Lifetime Wellness or Concepts of Fitness	2
STAT 1401	Elementary Statistics (minimum grade of C)	3
Credit Hours		16

Spring		
BIOL 2206K	Organismic Biology I (minimum grade of C)	4
BIOL 2207K	Organismic Biology II (minimum grade of C)	4
Institutional Priorities	COMM 1110 Public Speaking or foreign language 1001, 1002, 2001, 2002	3
Program Requirements	Foreign Language 2001 (minimum grade of C)	3
Program Electives	Minor Requirement	3
Credit Hours		17

Third Year		
Fall		
Social Sciences	Behavioral Science	3
General Electives	Elective (minimum grade of C)	2
BIOL 3215K	Cell Biology (minimum grade of C)	4
BIOL 3216K	Genetics (minimum grade of C)	4
POLS 1101	American Government	3
Credit Hours		16

Spring		
Arts, Humanities, and Ethics	Humanities	3
BIOL 3217K	Ecology (minimum grade of C)	4
Program Requirement	BIOL Cell/Molecular Senior Elective (minimum grade of C)	4
General Electives	Minor Requirement	3
General Electives	Minor Requirement	3
Credit Hours		17

Fourth Year		
Fall		
BIOL 4795	Capstone Senior Seminar (minimum grade of C)	2
Program Electives	BIOL Organismal Senior Elective (minimum grade of C)	4
HIST 2111 or HIST 2112	U. S. History to 1865 or U. S. History since 1865	3
General Electives	Minor Requirement	3
Health and Wellness	PEDS Activity	1
Credit Hours		13

Spring		
General Electives	Elective	2
Program Electives	BIOL Ecology/Evolution Senior Elective (minimum grade of C)	4
General Electives	Minor Requirement	3
General Electives	Minor Requirement	3
Credit Hours		12
Total Credit Hours		123

¹ MATH 0999B (2 credits) or MATH 0999C (1 credit) don't count toward the degree.

² MATH 1113 Pre-Calculus has 4 credits, all of which count in the area of Mathematics & Quantitative Skills.

Suggested four year course schedule with MATH 1111 College Algebra

Course	Title	Credit Hours
First Year		
Fall		
Institutional Priorities	ITDS 1779 (2), LEAD 1705 (2), PERS 1506 (1; may be repeated with different topic), PERS 1507 (2)	1
Arts, Humanities, and Ethics	Fine Arts	3
Field of Study Requirement	BIOL 1107K Principles of Biology I (minimum grade of C)	4
BIOL 1715	Professionalism and Careers in Biology (Highly recommended Area F Guided Elective to be taken in the first year.)	1
ENGL 1101	English Composition I (minimum grade of C)	3
MATH 1111	College Algebra (minimum grade of C)	3
Credit Hours		15
Spring		
Field of Study Requirement	BIOL 1108K Orubcuokes if Biology II (minimum grade of C)	4
Institutional Priorities	COMM 1110 Public Speaking or foreign language 1001, 1002, 2001, 2002	3
ENGL 1102	English Composition II (minimum grade of C)	3
Program Requirements	Foreign Language 1001 (minimum grade of C)	3
MATH 1113	Pre-Calculus (minimum grade of C) ¹	4
Credit Hours		17
Second Year		
Fall		
BIOL 2206K	Organismic Biology I (minimum grade of C)	4
CHEM 1211 & 1211L	Principles of Chemistry I and Principles of Chemistry I Lab (minimum grade of C)	4
Program Requirements	Foreign Language 1002 (minimum grade of C)	3
KINS 1106 or PHED 1205	Lifetime Wellness or Concepts of Fitness	2
STAT 1401	Elementary Statistics (minimum grade of C)	3
Credit Hours		16
Spring		
BIOL 2207K	Organismic Biology II (minimum grade of C)	4
BIOL 3216K	Genetics (minimum grade of C)	4
CHEM 1212 & 1212L	Principles of Chemistry II and Principles of Chemistry II Lab (minimum grade of C)	4
Program Requirements	Foreign Language 2001 (minimum grade of C)	3
General Electives	Minor Requirement	3
Credit Hours		18

Third Year

Fall

Social Sciences	Behavioral Science	3
General Electives	Elective (minimum grade of C)	2
BIOL 3215K	Cell Biology (minimum grade of C)	4
General Electives	Minor Requirement	3
POLS 1101	American Government	3
Credit Hours		15

Spring

Art, Humanities, and Ethics	Humanities	3
Social Studies	World Culture	3
BIOL 3217K	Ecology (minimum grade of C)	4
Program Electives	BIOL Cell/Molecular Senior Elective (minimum grade of C)	4
General Electives	Minor Requirement	3
Credit Hours		17

Fourth Year

Fall

BIOL 4795	Capstone Senior Seminar (minimum grade of C)	2
Program Electives	BIOL Organismal Senior Elective (minimum grade of C)	4
HIST 2111 or HIST 2112	U. S. History to 1865 or U. S. History since 1865	3
General Electives	Minor Requirement	3
Health and Wellness	PEDS Activity	1
Credit Hours		13

Spring

General Electives	Elective	2
Program Electives	BIOL Ecology/Evolution Senior Elective (minimum grade of C)	4
General Electives	Minor Requirement	6
Credit Hours		12
Total Credit Hours		123

¹ Notes: MATH 1113 Pre-Calculus has 4 credits. Count 3 credits in Mathematics & Quantitative Skills and 1 credit in General Electives.

Suggested four year course schedule with MATH 1113 Pre-Calculus or higher

Course	Title	Credit Hours
First Year		
Fall		
Institutional Priorities	ITDS 1779 (2), LEAD 1705 (2), PERS 1506 (1; may be repeated with different topic), PERS 1507 (2)	1
Arts, Humanities, and Ethics	Fine Arts	3
BIOL 1107K	Principles of Biology I (minimum grade of C)	4

BIOL 1715	Professionalism and Careers in Biology (Highly recommended Area F Guided Elective to be taken in the first year.)	1
CHEM 1211 & 1211L	Principles of Chemistry I and Principles of Chemistry I Lab (minimum grade of C)	4
ENGL 1101	English Composition I (minimum grade of C)	3
Credit Hours		16
Spring		
BIOL 1108K	Principles of Biology II (minimum grade of C)	4
CHEM 1212 & 1212L	Principles of Chemistry II and Principles of Chemistry II Lab (minimum grade of C)	4
ENGL 1102	English Composition II (minimum grade of C)	3
MATH 1113	Pre-Calculus (minimum grade of C) ¹	4
Credit Hours		15
Second Year		
Fall		
BIOL 2206K	Organismic Biology I (minimum grade of C)	4
Institutional Priorities	COMM 1110 Public Speaking or foreign language 1001, 1002, 2001, 2002	3
Program Requirements	Foreign Language 1001 (minimum grade of C)	3
KINS 1106 or PHED 1205	Lifetime Wellness or Concepts of Fitness	2
STAT 1401	Elementary Statistics (minimum grade of C)	3
Credit Hours		15
Spring		
BIOL 2207K	Organismic Biology II (minimum grade of C)	4
BIOL 3216K	Genetics (minimum grade of C)	4
Program Requirements	Foreign Language 1002 (minimum grade of C)	3
General Electives	Minor Requirement	3
Credit Hours		14
Third Year		
Fall		
Social Sciences	Behavioral Science	3
General Electives	Elective (minimum grade of C)	2
BIOL 3215K	Cell Biology (minimum grade of C)	4
Program Requirements	Foreign Language 2001 (minimum grade of C)	3
POLS 1101	American Government	3
Credit Hours		15
Spring		
Arts, Humanities, and Ethics	Humanities	3
Social Sciences	World Culture	3
BIOL 3217K	Ecology (minimum grade of C)	4
Program Electives	BIOL Cell/Molecular Senior Elective (minimum grade of C)	4

General Electives	Minor Requirement	3
Credit Hours		17
Fourth Year		
Fall		
BIOL 4795	Capstone Senior Seminar (minimum grade of C)	2
Program Electives	BIOL Organismal Senior Elective (minimum grade of C)	4
HIST 2111 or HIST 2112	U. S. History to 1865 or U. S. History since 1865	3
General Electives	Minor Requirement	3
General Electives	Minor Requirement	3
Health and Wellness	PEDS Activity	1
Credit Hours		16
Spring		
General Electives	Elective	2
Program Electives	Elective	3
Program Electives	BIOL Ecology/Evolution Senior Elective (minimum grade of C)	4
General Electives	Minor Requirement	3
General Electives	Minor Requirement	3
Credit Hours		15
Total Credit Hours		123

¹ Notes: MATH 1113 Pre-Calculus has 4 credits. Any extra credits not counted in Mathematics and Quantitative Skills will be credited in General Electives.