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
First Year		Hours
Fall		
Institutional	ITDS 1779 (2), LEAD 1705 (2), PERS 1506	1
Priorities	(1; may be repeated with different topic), PERS 1507 (2)	
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	Support for College Algebra B ¹	
Or	or Support for College Algebra C	
MATH 0999	Credit Hours	14
Spring	Credit Hours	14
Field of Study	BIOL 1107K Principles of Biology (minimum	4
Requirement	grade if C)	-
Technology,	CHEM 1211 Principles of Chemistry I and	4
Mathematics,	CHEM 1211L Chemistry I Lab (minimum	
and Sciences	grade of C in both)	-
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	Principles of Chemistry II	4
& 1212L	and Principles of Chemistry II Lab (minimum grade of C)	
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

	Credit Hours	12
General Electives	Minor Requirement	3
	Minor Requirement	3
Program Electives	BIOL Ecology/Evolution Senior Elective (minimum grade of C)	4
Spring General Electives	Credit Hours Elective	13
Health and Wellness	PEDS Activity	1
	Minor Requirement	3
HIST 2111 or HIST 2112	U. S. History to 1865 or U. S. History since 1865	3
Program Electives	BIOL Organismal Senior Elective (minimum grade of C)	4
Fourth Year Fall BIOL 4795	Capstone Senior Seminar (minimum grade of C)	2
	Credit Hours	17
	Minor Requirement	3
Requirement	(minimum grade of C) Minor Requirement	3
Program	BIOL Cell/Molecular Senior Elective	4
Arts, Humanities, and Ethics BIOL 3217K	Humanities Ecology (minimum grade of C)	3
Spring	Credit Hours	16
POLS 1101	American Government	3
BIOL 3216K	Genetics (minimum grade of C)	4
BIOL 3215K	Cell Biology (minimum grade of C)	4
Social Sciences General Electives	Behavioral Science Elective (minimum grade of C)	3
Third Year Fall	Credit Hours	17
Program Electives	Minor Requirement	3
Program Requirements	Foreign Language 2001 (minimum grade of C)	3
Institutional Priorities	COMM 1110 Public Speaking or foreign language 1001, 1002, 2001, 2002	3
BIOL 2207K	Organismic Biology II (minimum grade of C)	4
BIOL 2206K	Organismic Biology I (minimum grade of C)	2

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

CourseTitleCredit HoursFirst YearFallInstitutionalITDS 1779 (2), LEAD 1705 (2), PERS 15061Priorities(1; may be repeated with different topic), PERS 1507 (2)
FallInstitutionalITDS 1779 (2), LEAD 1705 (2), PERS 15061Priorities(1; may be repeated with different topic),
InstitutionalITDS 1779 (2), LEAD 1705 (2), PERS 15061Priorities(1; may be repeated with different topic),
Priorities (1; may be repeated with different topic),
Arts, Humanities, Fine Arts 3 and Ethics
Field of Study BIOL 1107K Principles of Biology I 4
Requirement (minimum grade of C)
BIOL 1715 Professionalism and Careers in Biology 1 (Highly recommended Area F Guided Elective to be taken in the first year.)
ENGL 1101 English Composition I (minimum grade of 3
C)
MATH 1111 College Algebra (minimum grade of C) 3
Credit Hours 15
Spring
Field of Study BIOL 1108K Orubcuokes if Biology II 4 Requirement (minimum grade of C)
Institutional COMM 1110 Public Speaking or foreign 3
Priorities language 1001, 1002, 2001, 2002
ENGL 1102 English Composition II (minimum grade of 3 C)
Program Foreign Language 1001 (minimum grade of 3
Requirements C)
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 Principles of Chemistry I 4
& 1211L and Principles of Chemistry I Lab (minimum grade of C)
Program Foreign Language 1002 (minimum grade of 3
Requirements C)
KINS 1106 Lifetime Wellness 2
or PHED 1205 or Concepts of Fitness STAT 1401 Elementary Statistics (minimum grade of 3
STAT 1401 Elementary Statistics (minimum grade of 3 C)
Credit Hours 16
Spring
BIOL 2207K Organismic Biology II (minimum grade of C) 4
BIOL 3216K Genetics (minimum grade of C) 4
CHEM 1212 Principles of Chemistry II 4
& 1212L and Principles of Chemistry II Lab (minimum grade of C)
ProgramForeign Language 2001 (minimum grade of Requirements3C)
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

CHEM 1211 Principles of Chemistry I 4 & 1211L and Principles of Chemistry I Lab 3 Credit Hours 16 Spring Frinciples of Biology II (minimum grade of C) 4 BIOL 1108K Principles of Biology II (minimum grade of C) 4 CHEM 1212 Principles of Chemistry II 4 & 1212L and Principles of Chemistry II 4 MATH 1113 Pre-Calculus (minimum grade of C) 1 MATH 1113 Pre-Calculus (minimum grade of C) 4 IDL 2206K Organismic Biology I (minimum grade of C) 4 Institutional COMM 1110 Public Speaking or foreign 3 Program Foreign Language 1001 (minimum grade of C) 4 INStitutional Clementary Statistics (minimum grade of C) 4 IDL 2207K Organismic Biology II (minimum grade of C) 4 BIOL 2207K Organismic Biology II (minimum grade of C) 4 IDL 2207K Organismic Biolo	BIOL 1715	Professionalism and Careers in Biology (Highly recommended Area F Guided Elective to be taken in the first year.)	1
C) Credit Hours 16 Spring BIOL 1108K Principles of Biology II (minimum grade of C) 4 CHEM 1212 Principles of Chemistry II 4 & 1212L and Principles of Chemistry II Lab (minimum grade of C) 3 ENGL 1102 English Composition II (minimum grade of C) 4 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 COMM 1110 Public Speaking or foreign 3 Priorities language 1001, 1002, 2001, 2002 3 Program Foreign Language 1001 (minimum grade of C) 4 KINS 1106 Lifetime Wellness 2 3 or PHED 1205 or Concepts of Fitness 2 3 STAT 1401 Elementary Statistics (minimum grade of C) 4 BIOL 2207K Organismic Biology II (minimum grade of C) 4 BIOL 2207K Organismic Biology II (minimum grade of C) 4 BIOL 2207K Organismic Biology II (minimum grade of C) 4 BIOL 3216K		and Principles of Chemistry I Lab	4
SpringBIOL 1108KPrinciples of Biology II (minimum grade of C)4CHEM 1212Principles of Chemistry II Lab (minimum grade of C)4ENGL 1102English Composition II (minimum grade of C)3ENGL 1102English Composition II (minimum grade of C)1MATH 1113Pre-Calculus (minimum grade of C)1BIOL 2206KOrganismic Biology I (minimum grade of C)4InstitutionalCOMM 1110 Public Speaking or foreign Priorities3BIOL 2206KOrganismic Biology I (minimum grade of C)4InstitutionalCOMM 1110 Public Speaking or foreign or Program3ProgramForeign Language 1001 (minimum grade of C)3Requirements or Or Concepts of Fitness2STAT 1401Elementary Statistics (minimum grade of 	ENGL 1101		3
BIOL 1108K Principles of Biology II (minimum grade of C) 4 CHEM 1212 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) 4 Credit Hours 15 Second Year Fall BIOL 2206K Organismic Biology I (minimum grade of C) 4 Institutional COMM 1110 Public Speaking or foreign priorities 3 Program Foreign Language 1001 (minimum grade of C) 3 Requirements C) 2 KINS 1106 Lifetime Wellness or Concepts of Fitness 2 STAT 1401 Elementary Statistics (minimum grade of C) 4 BIOL 2207K Organismic Biology II (minimum grade of C) 4 BIOL 2207K Organismic Biology II (minimum grade of C) 4 BIOL 2207K Organismic Biology II (minimum grade of C) 4 Program Foreign Language 1002 (minimum grade of C) 4 BIOL 3216K Genetics (minimum grade of C) 2 General Electives Minor Requirement 3		Credit Hours	16
C)CHEM 1212Principles of Chemistry II& 1212Land Principles of Chemistry II Lab (minimum grade of C)ENGL 1102English Composition II (minimum grade of C)MATH 1113Pre-Calculus (minimum grade of C)HanstitutionalCOMM 1110 Public Speaking or foreign ProjeramProfeign Language 1001, 1002, 2001, 2002ProgramProgramForeign Language 1001 (minimum grade of C)KINS 1106Lifetime Wellness or Concepts of FitnessSTAT 1401Elementary Statistics (minimum grade of C)BIOL 2207KOrganismic Biology II (minimum grade of C)ProgramForeign Language 1002 (minimum grade of C)FallCredit HoursBIOL 3216KGenetics (minimum grade of C)General ElectivesMinor RequirementSocial SciencesBehavioral ScienceSocial SciencesBehavioral ScienceGeneral ElectivesElective (minimum grade of C)POLS 1101American GovernmentOLS 1101American GovernmentSocial SciencesWorld CultureSocial SciencesWorld CultureSocial SciencesWorld CultureBIOL 2217KEcology (minimum grade of C)PArts, Humanities and Ethi	Spring		
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FallSocial SciencesBehavioral Science3General ElectivesElective (minimum grade of C)2BIOL 3215KCell Biology (minimum grade of C)4ProgramForeign Language 2001 (minimum grade of 3RequirementsC)POLS 1101American Government3Credit Hours15SpringArts, Humanities, and EthicsWorld Culture3BIOL 3217KEcology (minimum grade of C)4ProgramBIOL Cell/Molecular Senior Elective4	Third Year	Credit Hours	14
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Program RequirementsForeign Language 2001 (minimum grade of C)3POLS 1101American Government3Credit Hours15SpringArts, Humanities, and EthicsHumanities and Ethics3Social SciencesWorld Culture3BIOL 3217KEcology (minimum grade of C)4ProgramBIOL Cell/Molecular Senior Elective4	General Electives	Elective (minimum grade of C)	2
Requirements C) POLS 1101 American Government 3 Credit Hours 15 Spring 15 Arts, Humanities, Humanities and Ethics 3 Social Sciences World Culture 3 BIOL 3217K Ecology (minimum grade of C) 4 Program BIOL Cell/Molecular Senior Elective 4	BIOL 3215K	Cell Biology (minimum grade of C)	4
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BIOL 3217KEcology (minimum grade of C)4ProgramBIOL Cell/Molecular Senior Elective4	and Ethics		3
Program BIOL Cell/Molecular Senior Elective 4			
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	Program	BILL CELL/MOLECULAR SENIOR Elective	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.