

Bachelor of Science in Biology -- 120 Credits

(Terrestrial Ecology Track)

JBiol-BS / JBSTERE-SP (RG 0378)

GENERAL EDUCATION REQUIREMENTS (RG 245)

COMPETENCY AREAS - See Approved List of GenEd Courses

(RQ 736)

WRITING (RQL 736-10, 20)	CR	Satisfied/Term
Engcmp 0003 or 0005	3	
Engcmp 0004 or 0006	3	
Select one of the following options (RQL 736-30, 40)		
1 Primary Writing OR 2 Writing Enhanced courses		
	3	
	3	

(RQ 760)

SPEAKING (Select one option below)		
Option A: Any 3 Speaking Enhanced Courses (RQL 760-30)		
	3	
	3	
	3	
Option B: 1 course from each area below (RQL 760-10, 20)		
Any Primary Speaking Course		
	3	
Any Speaking Enhanced Course		
	3	

(RQ 886)

BASIC ALGEBRA & QUANTITATIVE REASONING		
The following requirements may be satisfied through placement exams; UPJ courses, transfer or College in High School courses		
Basic Algebra Requirement (RQL 886-10)	CR	Satisfied/Term
Satisfied by:		
Quantitative Reasoning Requirement (RQL 886-20)		
Satisfied by:		

KNOWLEDGE AREAS - See Approved List of GenEd Courses

(RQL 722-10 thru -60)

Social Science - 12 credits minimum		
Select one of the following options		
A. Select 1 course from 4 different disciplines		
B. Select 1 course from 3 different disciplines		
AND 1 follow-up course in any one of those 3		
Anthropology		
Economics		
Geography		
History		
Political Science		
Sociology		
Follow-up course		

(RQL 725 -50 thru -130)

Humanities - 12 credits minimum		
Select one of the following options		
A. Select 1 course from 4 different disciplines		
B. Select 1 course from 3 different disciplines		
AND 1 follow-up course in any one of those 3		
Communication		
English Literature		
English Writing		
Fine Arts		
Foreign Language		
Journalism		
Music		
Philosophy		
Theatre		
Follow-up course		

(RQ 1612)

Natural Science - 12 credits minimum		
Fulfilled by required courses	12	

MAJOR REQUIREMENTS (RG 0378)

(RQL 1043-10)

Required Courses	CR	Satisfied/Term
Biol 0110 General Biology 1	3	
Biol 0111 General Biology 1 Lab	1	
Biol 0120 General Biology 2	3	
Biol 0121 General Biology 2 Lab	1	
Biol 0350 Genetics	4	
Biol 1515 General Ecology	3	
Biol 1615 General Ecology Lab	1	
Chem 0111 General Chemistry 1	3	
Chem 0112 General Chemistry 2	3	
Chem 0113 General Chemistry 1 Lab	1	
Chem 0114 General Chemistry 2 Lab	1	
Math 0221 Analytic Geom & Calc 1	4	
Math 0212 Intro to Biostatistics	4	

(RQL 1043-20, 30, 40, 50)

Required Physics options	CR	Satisfied/Term
Phys 0140 Intro to Physics 1		
or Phys 0150 Physics 1	4	
Phys 0141 Experimental Physics 1		
or Phys 0151 Physics 1 Lab	1	
Phys 0142 Intro to Physics 2		
or Phys 0152 Physics 2	4	
Phys 0143 Experimental Physics 2		
or Phys 0153 Physics 2 Lab	1	

(RQL 1045-10, 20)

Chemistry Requirement -- 9/10 credits		
Chem 0230 Fund of Organic Chem	4	
Chem 0235 Fund of Org Chem Lab	1	
Chem 0325 Analytical Chemistry	4	
OR		
Chem 0231 Organic Chemistry 1	4	
Chem 0232 Organic Chemistry 2	4	
Chem 0233 Organic Chemistry 1 Lab	1	
Chem 0234 Organic Chemistry 2 Lab	1	

(RQL 1044-10, 20)

Biology Electives - 16 Credits		
Must include at least 2 additional field or lab courses		

FREE ELECTIVES

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Free electives are the balance of credits required for graduation (120) that are not used to satisfy competencies, knowledge areas, major requirements, electives, or any related area required by the department.		

IMPORTANT INFORMATION:

This sheet is an unofficial representation of the major requirements and the information is subject to change. It is not an official record of academic progress and should not be treated as such. Official degree information can only be obtained through the Division Office or the Office of the Registrar.