B.S. in Ecology & Evolutionary Biology

Department of Ecology & Evolutionary Biology, University of Arizona

Check-Sheet for 2021 Catalog and Prior

Name: SID: Date:

GENERAL EDUCATION

Composition	
ENGL 101 **&** 102	3, 3
or ENGL 106, 107 **&** 108	3, 3, 3
or ENGL 109H	3
Second Language	
Second semester proficiency by credit or exam	
Tier One Courses	
Individuals and Societies (150)	
	3
	3
Traditions and Cultures (160)	
	3
	3
Tier Two Courses	
Arts	3
Humanities	3
Individuals and Societies	3
Diversity Emphasis	
Foundation Mathematics	
*Prerequisites: Placement **or** MATH 100, 112, (120)*	
MATH 122A **&** 122B *Calculus I*	1, 4
or MATH 125 *Accelerated Calculus I*	3
or MATH 119 *Math of Bio Systems*	4

SCIENCE FOUNDATION

Mathematics	
MATH 129 *Calculus II*	3
or MATH 263 *Biostatistics*	3
or ECOL 379 *Evidence-Based Medicine*	3
General Chemistry I & II	
CHEM 151 ***or*** 141 **&** 143 ***or*** 161 **&** 163	4
CHEM 152 ***or*** 142 **&** 144 ***or*** 162 **&** 164	4
Organic Chemistry I & II	
CHEM 241A **&** 243A	4
CHEM 241B **&** 243B	4
Physics I & II	
PHYS 102 **&** 181 *Algebra-based I*	3, 1
PHYS 103 **&** 182 *Algebra-based II*	3, 1
or PHYS 141 **&** 241 *Calculus-based I & II*	4, 4
Lower Division Biology	
ECOL 206, 220, 223, 230, 249, 250 ***or*** 280	3
Additional Physical Science	
	3

CORE COURSES

ECOL 182R **&** 182L *Intro Bio II*	3, 1
MCB 181R **&** 181L *Intro Bio I*	3, 1
ECOL 302 *Ecology (Fall)*	4
ECOL 320 *Genetics (Fall & Summer)*	4
ECOL 335 *Evolutionary Biology (Spring)*	4

EEB ELECTIVES

Major Electives must be upper division (300- or 400-level) and may only count towards one category. Up to six units of graded upper division research credit may count towards Major Electives.

Genetics *or* Cellular or Molecular Biology	3
Organismal Biology	8
Ecology, Evolution, and Behavior	12
Senior Independent Study or Capstone	3

Additional Elective Requirements

Lab Component Course	
Field Component Course	
Writing Emphasis Course	

GRADUATION REQUIREMENTS

MCWA: B or Higher in ENGL 102, 108 or 109H	
C or Higher in Second Language	
120 Units	
42 Upper Division Units (300/400 Level)	
56 University Units	
30 Units at UA	
18 Upper Division Units at UA	
General Education Complete	
2.00 Cumulative GPA	
2.00 Major GPA	
Major Complete	

This is an unoffcial summary. Please refer to UAccess for your current Advisement Report and academic status.

View Major Elective options in your Advisement Report or at eeb.arizona.edu/undergraduate/majors-minors/core-elective-courses

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Example Four-Year Plans

The B.S. in EEB can be completed in four years regardless of initial math placement. The following example Four-Year Plans illustrate typical course-loads by semester with various math placement levels.

Four-Year Plan with MATH 100 Placement

	Fall	12	Spring	17
Year One	MATH 100	3	MATH 112	3
	ENGL 101	3	Gen Ed	3
	Language	4	ENGL 102	3
	SAS 100AX	2	ECOL 182R	3
			ECOL 182L	1
			Language	4
	Fall	**18**	**Spring**	**16**
Year Two	MATH 120R	4	MATH 122A	1
	MCB 181R	3	MATH 122B	4
	MCB 181L	1	CHEM 152	4
	CHEM 151	4	Major Elective	4
	LD Biology	3	Gen Ed	3
	Gen Ed	3	Gen Ed	3
	Fall	**17**	**Spring**	**18**
Year Three	ECOL 320	4	ECOL 335	4
	CHEM 241A	3	CHEM 241B	3
	CHEM 243A	1	CHEM 243B	1
	MATH 129/263	3	Major Elective	4
	Major Elective	3	Gen Ed	3
	Gen Ed	3	Gen Ed	3
	Fall	**15**	**Spring**	**15**
Year Four	ECOL 302	4	Physical Science	3
	PHYS 102	3	PHYS 103	3
	PHYS 181	1	PHYS 182	1
	Major Elective	4	Major Elective	4
	Senior Capstone	3	Major Elective	4
	Total Units	**128**		

Four-Year Plan with Algebra Placement

	Fall	16	Spring	15
Year One	MATH 112	3	CHEM 151	4
	ENGL 101	3	MATH 120R	4
	Language	4	ENGL 102	3
	Gen Ed	3	Language	4
	Gen Ed	3		
	Fall	**16**	**Spring**	**17**
Year Two	MATH 122A	1	ECOL 182R	3
	MATH 122B	4	ECOL 182L	1
	CHEM 152	4	CHEM 241A	3
	MCB 181R	3	CHEM 243A	1
	MCB 181L	1	LD Biology	3
	Gen Ed	3	MATH 129/263	3
			Gen Ed	3
	Fall	**16**	**Spring**	**15**
Year Three	ECOL 320	4	ECOL 335	4
	CHEM 241B	3	PHYS 102	3
	CHEM 243B	1	PHYS 181	1
	Major Elective	4	Gen Ed	3
	Major Elective	4	Major Elective	4
	Fall	**15**	**Spring**	**16**
Year Four	ECOL 302	4	Physical Science	3
	PHYS 103	3	Gen Ed	3
	PHYS 182	1	Gen Ed	3
	Major Elective	4	Major Elective	3
	Senior Capstone	3	Major Elective	4
	Total Units	**126**		

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Four-Year Plan with Pre-Calculus Placement

Year One	**Fall**	**14**	**Spring**	**16**
	MATH 120R	4	MATH 122A	1
	CHEM 151	4	MATH 122B	4
	ENGL 101	3	CHEM 152	4
	Gen Ed	3	ECOL 182R	3
			ECOL 182L	1
			ENGL 102	3
Year Two	**Fall**	**15**	**Spring**	**15**
	MATH 129/263	3	CHEM 241B	3
	CHEM 241A	3	CHEM 243B	1
	CHEM 243A	1	Major Elective	4
	MCB 181R	3	Language	4
	MCB 181L	1	Gen Ed	3
	Language	4		
Year Three	**Fall**	**17**	**Spring**	**18**
	ECOL 320	4	ECOL 335	4
	Major Elective	4	Major Elective	4
	Major Elective	3	Major Elective	4
	LD Biology	3	Gen Ed	3
	Gen Ed	3	Gen Ed	3
Year Four	**Fall**	**14**	**Spring**	**14**
	ECOL 302	4	Physical Science	3
	PHYS 102	3	PHYS 103	3
	PHYS 181	1	PHYS 182	1
	Senior Capstone	3	Major Elective	4
	Gen Ed	3	Gen Ed	3
	Total Units	**123**		

Four-Year Plan with Calculus Placement

	Fall	**15**	**Spring**	**14**
	MATH 122A	1	MATH 129/263	3
	MATH 122B	4	CHEM 152	4
	CHEM 151	4	ECOL 182R	3
	ENGL 101	3	ECOL 182L	1
	Gen Ed	3	ENGL 102	3
	Fall	**15**	**Spring**	**15**
	CHEM 241A	3	CHEM 241B	3
	CHEM 243A	1	CHEM 243B	1
	MCB 181R	3	LD Biology	3
	MCB 181L	1	Major Elective	4
	Language	4	Language	4
	Gen Ed	3		
	Fall	**17**	**Spring**	**15**
	ECOL 320	4	ECOL 335	4
	Major Elective	4	Major Elective	4
	Major Elective	3	Major Elective	4
	Gen Ed	3	Gen Ed	3
	Gen Ed	3		
	Fall	**15**	**Spring**	**14**
	ECOL 302	4	Physical Science	3
	PHYS 102	3	PHYS 103	3
	PHYS 181	1	PHYS 182	1
	Senior Capstone	3	Major Elective	4
	Gen Ed	3	Gen Ed	3
	Additional Units	1		
	Total Units	**120**		