Biology - B.A. **THE UNIVERSITY OF RHODE ISLAND**

EL_BIO_BA Student: _____

120 Earned Credits Total Student ID: _____

web.uri.edu/bio/bachelor-of-arts-in-biology/ Advisor: _____

ABOUT THE B.A. BIOLOGY:

The B.A. in Biology is a broad program of study with a high degree of flexibility. Students earn a liberal arts degree, which provides a basic foundation in biology together with the option to choose courses in other disciplines. Students may want to use this opportunity to obtain further in-depth training in a particular sub-discipline of biology, to participate in independent study or research with faculty members in Biological Sciences and other departments in the College of the Environment and Life Sciences (CELS), or to take courses in other degree programs to explore other fields and increase their choice of future careers. web.uri.edu/bio/bachelor-of-arts-in-biology/.

BIO BA Major Requirements: 30 Credits Total

BIO and CMB Course Requirements: (12 credits) Must earn a C or better in BIO 101, 102, 103, 104

Course	Semester	Credits	Grade
*BIO101 or 101H		3	
*BIO103		1	
*BIO102		3	
*BIO104		1	
CMB201 or *211		4	

BIO and CMB Elective Requirements (18 credits)
At least 3 credits must be selected from each **Plant, Animal, & Integrative** course list. Choose **remaining** credits from Plant, Animal, Integrative or other course categories.

PLANT COURSES: BIO 308, 310, 311, 321, 323, 332, 346, 365, 416

Course	Semester	Credits	Grade

ANIMAL COURSES: BIO 201, 220, 221, 222, 223, 286, 300, 301, 302, 350, 354, 355, 366, 385, 388, 404, 412, 417, 419, 422, *425G, 444, 467

Course	Semester	Credits	Grade

INTEGRATIVE COURSES: BIO228, *230G, *256G, 262, 263, 272, *282G, 320, 331, 341, 345, 352, 353, 360, 388, *396, 437, 439, *440G, 452, 455, 457, 472, 480, *482G, 485

Course	Semester	Credits	Grade

REMAINING BIO and CMB COURSES selected from below course lists (to reach 18 credits of BIO and CMB elective requirements):

OTHER COURSES: CMB 242, 245, 320, 333, 334, 413, 414, 415, 416, 432, 435, *483. **NOTE:** Up to 3 credits of independent study/research (491, 492, 493, 494, or 495) in one of the following programs may be used: AFS, AVS, BIO, CMB, NRS, or PLS. Other programs by petition to the department. BIO 181G and 498 are excluded.

Course	Semester	Credits	Grade

Advising Notes:

*Course approved for general education

Minimum 2.0 cumulative GPA required in all BIO and CMB courses for graduation.

Minimum overall 2.0 cumulative GPA required for graduation.

Introduction and Supporting Sciences

Introduction Requirement (1 credit)

Course	Semester	Credits	Grade
URI 101		1	

Math Requirement (3-4 credits)
One semester of MTH or STA, 103 or above

Course	Semester	Credits	Grade

Chemistry Requirement (8 credits)
Two semesters of Chemistry with lab

Course	Semester	Credits	Grade

Biology, B.A.

EL_BIO_BA

120 Earned Credits Total

THE UNIVERSITY OF RHODE ISLAND

Student: _____

Student ID: _____

Advisor: _____

General Education Guidelines:

General education is 40 credits. Each of the twelve outcomes (A1-D1) must be met by at least 3 credits. A single course may meet more than one outcome, but cannot be double counted towards the 40 credit total. At least one course must be a Grand Challenge (G). No more than twelve credits can have the same course code. General education courses may also be used to meet requirements of the major or minor when appropriate. The requirements listed on this curriculum sheet are subject to change based on final faculty senate approval.

Requirement to transfer out of University College for Academic Success: Must have completed at least 30 credits with a minimum cumulative 2.0 GPA, and a grade of C or higher in BIO 101, 103, 102, and 104

LIST COURSE AS EACH OUTCOME IS MET:

General Education Outcome Audit	Course	Grade
KNOWLEDGE		
A1. STEM	*BIO101	
A2. Social & Behavioral Sciences		
A3. Humanities		
A4. Arts & Design		
COMPETENCIES		
B1. Write effectively		
B2. Communicate effectively		
B3. Mathematical, statistical, or computational strategies		
B4. Information literacy		
RESPONSIBILITIES		
C1. Civic knowledge & responsibilities		
C2. Global responsibilities		
C3. Diversity & Inclusion		
INTEGRATE & APPLY		
D1. Ability to synthesize		
GRAND CHALLENGE		
G. At least one course of your 40 credits is an approved "G" course		

LIST COURSES THAT MEET GENERAL EDUCATION:

General Education Credit Count

At least 40 credits, no more than 12 credits with the same course code.

Course	Cr.	Grade	Course	Cr.	Grade
*BIO101	3				
*BIO103	1				
*BIO102	3				
*BIO104	1				
*CHM___	3				
			Total Gen Ed Credits		

NOTE: BECAUSE MOST COURSES MEET MORE THAN ONE OUTCOME, YOUR OUTCOME AUDIT MIGHT BE COMPLETED BEFORE YOU REACH YOUR 40 CREDITS. HOWEVER, YOU MUST STILL COMPLETE 40 CREDITS OF GENERAL EDUCATION.

Keep Track of you total credits towards graduation each semester and update below while in PDF

TOTAL: /120

Free Electives: Courses taken beyond the requirements of the major and gen. eds. to reach the **120 total earned credits** required for graduation. Be sure to take enough 300/400 level free electives needed to reach the 42-credit minimum requirement of the BA. Students are encouraged to use these credits toward a minor or double major.

Course	Semester	Credits	Grade	Course	Semester	Credits	Grade

300-400 Level Requirement: The BA degree requires 42 credits (of the 120 total earned credits) to be at the 300 level or above. Major, general education, and free elective courses can be included in the 42 credit requirement. List all completed 300+ level courses below.

Course	*Credits*	*Course*	*Credits*	*Course*	*Credits*	*Course*	*Credits*

B.A. BIOLOGY

Sample 4 Year Plan - Effective Fall 2019

College of the Environment & Life Sciences

Freshman Year *Fall* Semester

Course Code	Description	Cr
BIO 101,103	Principles of Biology, Lab	4
	General Education Course or Math Course	3-4
	General Education Course	3-4
	General Education Course or Elective	3-4
URI 101	Planning for Academic Success	1
		15-17

Freshman Year *Spring* Semester

Course Code	Description	Cr
BIO 102, 104	Principles of Biology 2, Lab	4
	General Education Course or Math Course	3-4
	General Education Course	3-4
	Elective	3-4
	Elective	3-4
		15-17

Year 1 Milestones: Complete BIO 101, 103, 102, and 104, Math 103 or higher

Sophomore Year *Fall* Semester

Course Code	Description	Cr
	Biology Course from list	3-4
CHM 103,105 **or** CHM 101, 102	Introductory Chemistry w/lab **or** General Chemistry I w/lab	4
	General Education Course	3-4
	General Education Course or Elective	3-4
		15-17

Sophomore Year *Spring* Semester

Course Code	Description	Cr
	Biology course from list	3-4
CHM 124,126 or CHM 112,114	Introduction to Organic Chemistry, Lab or Gen. Chem II, lab	4
	General Education Course	3-4
Gen Ed or Elective	General Education Course or Elective	3-4
		15-17

Year 2 Milestones: Begin **chemistry** sequence. Meet with faculty advisor to plan Year 3 courses.

Junior Year *Fall* Semester

Course Code	Description	Cr
	BIO course from list	3-4
CMB 201 or 211	Introductory Medical Microbiology or Introductory Microbiology	4
	General Education Course	3-4
Elective	Elective	3-4
		15-17

Junior Year *Spring* Semester

Course Code	Description	Cr
BIO/CMB Elective	Biology or Microbiology Elective	3-4
	General Education Course	3-4
Gen Ed or Elective	General Education Course or Elective	3-4
Elective	Elective	3-4
		15-17

Year 3 Milestones: Complete **chemistry sequence. Meet with faculty advisor to plan year 4 courses, and discuss internship and/or research opportunities.**

Senior Year *Fall* Semester

Course Code	Description	Cr
BIO/CMB Elective	Biology or Microbiology Elective	3-4
	Elective	3-4
	General Education Course	3-4
	Elective	3-4
		15-17

Senior Year *Spring* Semester

Course Code	Description	Cr
BIO/CMB Elective	Biology or Microbiology Elective	3-4
	General Education Course	3-4
	Elective	3-4
	Elective	3-4
		15-17

Year 4 Milestones: Finish Biology electives and general education.
Minimum of 120 credits to graduate.
Minimum 2.0 cumulative GPA required in the 30 credits in BIO & CMB courses for graduation.
Minimum overall 2.0 cumulative GPA required for graduation.