

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.

Step 2: LIST COURSES THAT MEET GEN ED

General Education Credit Count						
At least 40 credits, no more than 12 credits with the same course code						
Course	Credits	Grade		Course	Credits	Grade
*BIO 101	3					
*BIO 103	1					
*BIO 102	3					
*BIO 104	1					
*CHM _____	3					
*MTH _____						
				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

***course fulfills general education and a major requirement**

Step 3: LIST COURSE AS EACH OUTCOME IS MET

General Education Outcome Audit	
	Course
KNOWLEDGE	
A1. STEM	BIO 101
A2. Social & Behavioral Sciences	
A3. Humanities	
A4. Arts & Design	
COMPETENCIES	
B1. Write effectively	
B2. Communicate effectively	
B3. Mathematical, statistical, or computational strategies	MTH ____
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	

The requirement for transfer to CELS from University College for Academic Success is:

Minimum 30 credits and a grade of C or better in the following: BIO 101, 103, 102, and 104

Advising Notes:[illegible]

B.A. BIOLOGY
Sample 4 Year Plan - Effective Fall 2017
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	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	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

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	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 4 courses.

Junior Year Fall Semester

Course Code	Description	Cr
	BIO course from list	3-4
CMB 201 or 211	Introductory Medical Microbiology or Introductory Medical 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 discuss internship, and 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 36 credits in Biology courses for graduation.

Minimum overall 2.0 cumulative GPA required for graduation.