



**Sample 4 Year Plan (Fall 2015 Requirements)
 Biology, Marine Biology/Freshwater Ecology Emphasis
 Bachelor of Science, COLLEGE OF LETTERS AND SCIENCES**

The 4 year Plan illustrates the type of curriculum a new freshman would take to complete a degree in 4 years; it is not an official document. Refer to Academic Advising Report for full requirements.

Sample Academic Advising Reports are available on-line at

<http://www.uww.edu/registrar/sample-aars-and-ars/sample-aars-undergraduate>.

1 st Semester		Units	2 nd Semester		Units
English 101 Freshman English		3	Math 152 Elementary Functions		5
Biology 141 Biology I		5	Biology 142 Biology II		5
Chemistry 102 Intro to Chemistry I		5	Chemistry 104 Intro to Chemistry II		5
GENED Core		3	PEGNRL 192 Personal Health & Fitness		1
Intrauniversity 104 New Student Seminar (Recommended)		1			
Semester Total		17	Semester Total		16
3 rd Semester		Units	4 th Semester		Units
Biology 251 Intro to Genetics		4	Biology 253 Intro to Cell Biology		3
Biology 257 Intro to Ecology		3	Bio 200 or Eng 372		3
Biology 258 Field Experience		2	Biology 390 Colloquium		0.5
Chemistry 251 Organic Chemistry I		3	Chemistry Elective(s) (Above 251)		4
Chemistry 261 Organic Chemistry I Lab		2	English 102 Freshman English		3
GENED Core		3	Comm 110 Intro to Human Communication		3
Semester Total		17	Semester Total		16.5
5 th Semester		Units	6 th Semester		Units
Biology 303 Biostatistics OR Psych 215		3-4	Biology 466 Organic Evolution		4
Biology 370 Aquatic Biology		4	Biology 400 Colloquium		0.5
Geography 323 Water Resources		3	Biology 457 General Ecology		4
U.S. Racial & Ethnic Diversity/General Ed Elective		3	Gened 390 World of Ideas		3
GENED Core		3	General Ed Elective		3
			General Ed Elective		3
Semester Total		16-17	Semester Total		17.5
7 th Semester		Units	8 th Semester		Units
Select additional units of Biology numbered above 300, including the required Marine Biology and Water Ecology courses, to bring total in the major to 54 units.			Select additional units of Biology numbered above 300, including the required Marine Biology and Water Ecology courses, to bring total in the major to 54 units.		
Other Science or Non-Science Electives			Other Science or Non-Science Electives		
Semester Total		12	Semester Total		12

Department Website: <http://www.uww.edu/cls/biology>

Transfer students may have different general education requirements than those listed. Refer to your Advising Report for requirements specific to you.

General Degree Notes

You must begin your Math and English sequences with the appropriate course. The English course you start with will be determined by your ACT/SAT score. The Math course you start with will be determined by your UW Math Placement score. Please refer to your Academic Advising Report and adjust the sample 4 year plan accordingly.

All students must complete a minimum of 120 credits including:

- 1) At least 32 units of general education, including specific Gen Ed core courses, as well as approved math and science, physical education, and elective courses. Your general education electives must come from the following categories: GA, GS, GH, GE, or GI.
- 2) All requirements for the BA or BS Degree.
- 3) All requirements for the major and minor (if required).

College of Letters and Sciences Degree Notes

This plan includes Bachelor of Science (BS) requirements. For the BS, students must complete two lab sciences **and** 5 credits of advanced math or two 3 credit courses chosen from advanced math, statistics or computer science instead of the BA requirements.

A Bachelor of Arts (BA) is also available. For the BA, students must demonstrate that they have achieved basic competency in a foreign language equivalent to one year of study at the college level. Students must also complete two 300/400 level courses outside of the major and minor subjects.

Major Notes

The Planning Guide begins with the most common placement for this major but students who place lower may need additional math credits.

Courses in **bold** typeface indicate specific courses that must be completed for the major.