

Advising Course Plan - Biology Major - Dental School Interest

This plan indicates an effective way to earn a Bachelor of Science degree in Biology and to complete the prerequisites for most dental programs (although these can differ depending on the dental school).

First Year		
Fall		
BIOL 142P	Introductory Biology: Animal and Plant Physiology	1
FSEM 100	First Year Seminar	1
MATH 151 ¹	Mathematics for Life Sciences	1
BIOL 100	Current Perspectives Biology	0.0
General Education requirement		1
PRHP 101	Introduction to the Health Professions	0.0
Term Units		4
Spring		
BIOL 141P	Introductory Biology: Biochemistry, Cell Biology and Molecular Genetics	1
PSYC 101S ²	Introduction to Psychology	1
General Education requirement		1
General Education requirement		1
Term Units		4
Second Year		
Fall		
BIOL 243Q	Biostatistics	1
CHEM 141P	General Chemistry I	1
PHYS 121P ³	College Physics I	1
Elective		1
Term Units		4
Spring		
BIOL 244	Introductory Biology III: Ecology and Evolution	1
CHEM 142P	General Chemistry II	1
PHYS 122P ³	College Physics II	1
Elective		1
Term Units		4
Third Year		
Fall		
BIOL 301	Microbiology	1
CHEM 201	Organic Chemistry I	1
Junior Seminar ⁴		1
Elective		1
Term Units		4
Spring		
BIOL 300 or 400 level course ⁵		1
CHEM 301	Organic Chemistry II	1
BIOL 497	Research Proposal	0.5
CHEM 204 ⁷	Biochemistry I	1
Elective ⁶		.5
PRHP 102	Applying to Health Professions	0.0
Term Units		4
Fourth Year		
Summer I		
During the summer between third year and fourth year, or early in fourth year, the DAT needs to be taken.		
Term Units		0

Fall		
BIOL 300 or 400 level course ⁵		1
BIOL 498	Senior Project I	1
Elective		1
Elective		1
Term Units		4
Spring		
BIOL 300 or 400 level course ⁵		1
BIOL 499	Senior Project II	0.5 to 1
Elective		1
Elective		1
Term Units		3.5 to 4

Total Unit: 31.5 to 32

¹ The timing of the Math course is not critical; it can be taken at a later time. Some students may place into, and wish to take MATH 130 or MATH 141Q.

² PSYC 101S can be taken at any time.

³ The Physics courses can be taken in year 3.

⁴ The Junior Seminar can be taken in the spring instead of the fall.

⁵ BIOL 301 or BIOL 302 is required by some dental schools.

⁶ During the spring of this year or the fourth year, you will need to take another 0.5 or 1 unit course to average 4 units per semester.

⁷ CHEM 204 can be taken in fourth year.