

Dentistry

Health Professions Advisory Program



Academic Requirements for Doctoral Programs in Dentistry (D.D.S. or D.M.D.)

Required Courses These are the SSU courses most commonly used to satisfy the prerequisite requirements	Highly Recommended Courses These courses may also be required by some schools
<u>Biology</u> BIOL 130: Diversity of Life BIOL 131: Genetics, Evolution & Ecology *BIOL 232: Molecular and Cellular Biology <u>Chemistry</u> CHEM 115A & B: General Chemistry CHEM 335A & B: Organic Chemistry CHEM 336A: Organic Chemistry Lab CHEM 446: Metabolic Biochemistry <u>Physics</u> PHYS 210A & B: General Physics PHYS 209A & B: General Physics Lab <u>English</u> ENGL 101: Expository Writing and Reading Additional units of composition: 3 Units <u>Other</u> PSY 250: Introduction to Psychology	BIOL220: Human Anatomy BIOL224 or 349: Human or Animal Physiology BIOL240: Medical Microbiology BIOL 342: Molecular Genetics BIOL 344: Cell Biology CHEM 336B: Organic Chemistry Lab MATH 165: Statistics MATH 161: Calculus
	Other Suggested Courses These courses cover additional topics that are important for Dental School
	BIOL 328: Vertebrate Evolutionary Morphology BIOL 343: Stem Cell Biology BIOL 346: Neurobiology BIOL 380: Genetic Basis of Human Diseases BIOL 472: Developmental Biology BIOL 480: Immunology

ADDITIONAL NOTES:

*Most dental school require 2 semesters of biology, however the most critical course at SSU for pre-dental students is BIOL 232, which requires BIOL130 & 131 as prerequisites. Therefore, most students should take all 3 courses.

Students are strongly encouraged to take courses from the "Recommended" and "Suggested" list (right column). Please note that some of the courses listed above, especially 300 and 400 level science courses, may have other prerequisites.

The **Dental Admissions Test (DAT)** is required by almost all US dental schools. For information about the DAT and the dental school application process, visit <http://www.ada.org/en/education-careers/dental-admission-test> and <http://www.adea.org> respectively.

For information about the SSU Health Professions Advisory Program, visit: <https://stb.sonoma.edu/hpap>

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