

Course Prerequisites for Dentistry

Due to variation in each school's curriculum, the following is merely a guideline of typical requirements. To determine the exact requirements for each program, the student should work with their academic advisor to review each school to which he/she is applying. A student must first complete 90 semester hours of coursework which includes the following course prerequisites.

| SMSU Course Number | Pre-Requisite courses for Program | Semester Credit Hours |
|--|---|-----------------------|
| Biol 200 Biol 201 | Introduction to cellular biology and lab Introduction to Biodiversity and Evolution and lab | 4 4 |
| Chem 231/232 Chem 351/352 Chem 473 | General Chemistry I and II with lab Organic Chemistry I and II with lab Biochemistry (highly recommended) | 10 10 3 |
| Phys 141/142 | College Physics I and II | 8 |
| Psyc 101 Psyc XXX | General Psychology One additional applied psychology course such as development or abnormal psychology | 3 3 |
| Math XXX | College algebra, Calculus, or Statistics | 3 |
| Eng 151 Eng 251 | Academic Writing Writing in the Professions | 4 3 |
| Science electives | Competitive students will take some combination of the following courses: art, cell biology, histology, human anatomy, microbiology, physiology, immunology, and genetics. | variable |
| Liberal Arts Electives | Elective courses should be selected to achieve as broad and liberal an education as possible. Additional electives can be chosen from among the following subjects: accounting, anthropology, business (practical courses), classics, , economics, , history, humanities, , higher mathematics, logic, microscopic anatomy, political science, sociology, and a foreign language. | variable |
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Courses in biology, chemistry, and physics may be considered outdated if taken more than five years before the time of application.

All applicants are required to take the Dental Admissions Test (DAT) prepared by the American Dental Association. Although the test generally measures aptitude rather than special knowledge, some specific questions are asked in biology, general chemistry, and organic chemistry; thus, a review of these subjects before taking the test is strongly recommended. Information regarding the DAT may be found at <http://www.ada.org/dat.aspx>

