

## Pre-Dental Studies at Winthrop University

Pre-Dental students at Winthrop University select a major in one of the academic departments. Because of the large number of undergraduate biology and chemistry courses required by dental schools, most students choose to major in Biology or Chemistry. Students should maintain a grade-point-average above 3.5 (out of 4.0), and take a sequence of courses designed to prepare them to take the DAT in the spring of their junior year. Because SC has one state-supported dental school, all SC resident students should apply to the College of Dental Medicine at MUSC, whether or not they plan to apply to out-of-state public or private schools. The requirements vary slightly from school to school, but the following are required by MUSC and ECU:

Curriculum	Semester Hours
General Chemistry + Lab (CHEM 105, 106, 108)	8
Organic Chemistry + Lab (CHEM 301, 302, 304)	8
Physics + Lab (PHYS 201, 201L, 202, 202L)	8
General Biology + Lab (BIOL 203, 204, 206)	8
English (WRIT 101 and HMXP 102)	6
Mathematics (MATH 141, 105 or 201) (See Note 1)	6
Science Electives (Recommended courses include: CHEM 522 and BIOL 310, 315, 316, 307, 308)	8

### NOTES:

1. Calculus and statistics meet or exceed the requirements of most dental schools. A minimum of six hours of college mathematics is required for the biology major.
2. Student-athletes are encouraged to plan "light" and "heavy" semesters according to needs of their particular sport. This is especially important during the sophomore year.
3. It is recommended that only very strong students "double up" with Biology 300 and another biology course.
4. Organic Chemistry and Biology 300 together constitute a heavy course load.
5. AP credit toward the biology major is available for a 4 or a 5 on the AP exam. A score of three receives three hours' credit toward graduation, but does not count toward the biology major.

Use these guidelines to develop an appropriate program of study in consultation with your advisor.

For further information contact:

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