

B.S. in Biology – Pre-Medical & Pre-Dental Advising Track

The Pre-Medical & Pre-Dental track is a guide for students who wish to pursue medical school (MD) or dental (DDS/DMD) school. There is quite a bit of flexibility in biological sciences electives in order that you might enroll in courses that match your interests and goals. It is your responsibility to research the course requirements of your intended medical school or dental school and make sure that these courses are taken in a timely manner. *Italicized courses are required for medical and dental school.*

Biology Core (25 hours)

BISC 130, 131, 132, 133 – Biological Principles & Diversity (8)

BISC 260 – Microbiology (4)

BISC 310 – Genetics (3)

BISC 313 – Ecology (3)

BISC 315 – Cell Biology (3)

BISC 320 – Animal Physiology (3)

BISC 480 – Undergraduate Seminar (1)

Biology Electives (19 hours)

19 hours of BISC courses available for majors' credit of which at least 10 must be at the 300/400 level. You and your advisor will discuss the courses that will be most beneficial to your career goals.

Science Electives (19 hours)

The following Chemistry courses are required by most medical and dental schools, but make sure you check the specific requirements of programs to which you plan to apply in order to ensure you will meet their requirements:

CHEM 250, 251, 252, 253, 254 – Organic Chemistry (8)

CHEM 351 – Biochemistry (3)

HIM 103 – Medical Terminology (3) is recommended.

You may choose additional hours of any BISC course available for majors' credit and any courses listed on the Approved Science Electives sheet. You and your advisor will discuss the courses that will be most beneficial to your career goals. Note that, in addition to the above, taking CHEM 352, 353, and 354 (5) will earn you a Chemistry Minor.

General Education Requirements (GERs)

For GERs in the Social Sciences, Pre-Medical & Pre-Dental students should take at least one course in Psychology (e.g., *PSYC 102 – General Psychology*).