

## Pre-Dental Advising

Listed below are required and recommended courses for admission to the LSU School of Dentistry, <https://www.lsusd.lsuhsd.edu/fsdds.html>. Requirements for out-of-state dental schools can be obtained at the website of the American Dental Education Association: <http://www.adea.org/>.

Admission to dental school is competitive. Applicants must complete a minimum of 90 hours of college work to be considered for admission; however, a four-year Biology degree is preferred. Students may earn a baccalaureate degree in any field as long as the degree allows for a sufficient amount of free electives so that all of required dental school courses can be taken.

**\*Students should refer to the UNO course catalog at <https://www.uno.edu/course-catalog> for the most up-to-date information on UNO courses and pre-requisites.**

<b>General Chemistry (for science majors)</b>	<b>Required – 8 hours</b> ___ CHEM 1017 (3 hours) – General Chemistry I: C or better in MATH 1125 ___ CHEM 1007 (1 hour) – General Chemistry I Lab: Eligible for MATH 1125 ___ CHEM 1018 (3 hours) – General Chemistry II: C or better in CHEM 1017 ___ CHEM 1008 (1 hour) – General Chemistry II Lab: C or better in CHEM 1017 & 1007
<b>Organic Chemistry (for science majors)</b>	<b>Required – 8 hours</b> ___ CHEM 2217 (3 hours) – Organic Chemistry I: C or better in CHEM 1018 ___ CHEM 2017 (1 hour) – Organic Synthesis Lab I: C or better in CHEM 1018 & 1008 ___ CHEM 3218 (3 hours) – Organic Chemistry II: C or better in CHEM 2217 ___ CHEM 3018 (1 hour) – Organic Chemistry Lab II: C or better in CHEM 2017 & 2217
<b>General Biology (for science majors)</b>	<b>Required – 8 hours</b> ___ BIOS 1083 (3 hours) – General Biology I: Eligible for MATH 1125 & ENGL 1157 ___ BIOS 1081 (1 hour) – General Biology I Lab: Eligible for MATH 1125 & ENGL 1157 ___ BIOS 1073 (3 hours) – General Biology II: Eligible for MATH 1125 & ENGL 1157 ___ BIOS 1071 (1 hour) – General Biology II Lab: Eligible for MATH 1125 & ENGL 1157
<b>Physics (for science majors)</b>	<b>Required – 8 hours</b> ___ PHYS 1031 (3 hours) – General Physics I: Credit in MATH 1116, 1126, 2107 or 2111 ___ PHYS 1033 (1 hour) – General Physics I Lab: Credit or registration in PHYS 1031 ___ PHYS 1032 (3 hours) – General Physics II: C or better in PHYS 1031 ___ PHYS 1034 (1 hour) – General Physics II Lab: Credit or registration in PHYS 1032 <b>OR</b> ___ PHYS 1061 (3 hours) – Physics for Science & Engineering I: Credit or concurrent enrollment in MATH 2111, 2107, or 2114 ___ PHYS 1063 (1 hour) – Physics Lab for Science & Engineering I: Credit or registration in PHYS 1061 ___ PHYS 1062 (3 hours) – Physics for Science & Engineering II: C or better in PHYS 1061, credit or concurrent enrollment in MATH 2108, 2112, or 2124, & credit or concurrent enrollment in PHYS 1065 ___ PHYS 1065 (1 hour) – Physics Lab for Science & Engineering II: Credit or registration in PHYS 1062
<b>Additional Prerequisites</b>	<b>Required – 4 hours</b> ___ BIOS 2114 (4 hours) – Cell & Molecular Biology: C or better in BIOS 2114 must be earned in order to take BIOS 4103

<b>Biochemistry (for science majors)</b>	<b>Required – 3 hours</b> ___ BIOS 4103 (3 hours) – Biochemistry I: C or better in BIOS 2114 & CHEM 2217
<b>English</b>	<b>Required – 9 hours</b> ___ ENGL 1157 (3 hours) – English Composition I: Minimum ACT English score of 18 ___ ENGL 1158 (3 hours) – English Composition II: Credit in ENGL 1157 ___ ENGL Elective (3 hours) – 2000+ level: C or better in ENGL 1158
<b>Microbiology (for science majors)</b>	<b>Required – 3 hours</b> ___ BIOS 2743 (3 hours) – Microbiology & Human Disease: C or better in CHEM 1017 & BIOS 1083/1081 or BIOS 1303/1301
<b>Biology Elective with lab (for science majors)</b>	<b>Required – 4 hours</b> ___ Choose from upper level Biology courses
<b>Strongly Recommended Courses</b>	___ BIOS 3113 (3 hours) – Immunology ___ BIOS 2014 (4 hours) – Population Genetics, Evolution, & Ecology ___ BIOS 2114 (4 hours) – Cell & Molecular Biology ___ BIOS 3453 (3 hours) – Genetics ___ BIOS 3354 (4 hours) – Vertebrate Physiology ___ BIOS 4113 (3 hours) – Biochemistry II ___ BIOS 4153 (3 hours) – Molecular Biology ___ BIOS 4490 (3 hours) – Virology, Cell Physiology, Developmental Biology ___ BIOS 4413 (3 hours) – Developmental Biology ___ BIOS 3490 (3 hours) – Neurobiology

**Desirable courses:** Computer Sciences, Economics, Foreign Language, History, Philosophy, Public Speaking, Social Sciences, Statistical Methods or other advanced Mathematics (Students planning to earn a degree in Biological Sciences must complete MATH 1125, 1126, and 2314. Advanced mathematics would constitute additional courses.) Consult the dental school bulletins for additional information.

### ADMISSION TESTING: THE DAT

LSU Dental School requires the Dental Admission Test (DAT). Information about the DAT can be obtained at the American Dental Association (ADA) website: <https://www.ada.org/education/testing/exams/dental-admission-test-dat>. Applicants must receive a score of at least 19 on the Dental Admission Test (DAT)

### APPLICATION INFORMATION

#### THE SECONDARY APPLICATION & THE UNO COMMITTEE ON PRE-MEDICAL & PRE-DENTAL STUDIES

This committee consists of faculty members from the College of Sciences. The Committee reviews your overall academic record and your personally solicited individual faculty evaluations. A committee evaluation, along with copies of the faculty evaluations and a Dean's Report on your standing in the College of Sciences, is sent to the schools you have listed on the committee application form (see below). Students near the end of the junior year or early in the senior year should submit materials to the UNO Committee on Pre-medical and Pre-dental Studies for evaluation and distribution to the schools of their choice. This also applies to post-baccalaureate students who have taken at least 30 semester hours of course work at UNO. Qualified students should initiate this process by obtaining an application form at the Department of Biological Sciences Office (CRC 200) or from the Pre-Professional Programs link on the UNO Biology web site <https://www.uno.edu/academics/cos/biology/undergraduate/pre-professional-programs>. When the application form has been completed, return it to the Biological Sciences Office. At that time you will be given three or four recommendation forms which should be hand delivered to professors who have agreed to serve as references. Recommendations should be solicited from faculty who have had adequate opportunity to evaluate your potential as a dentist. It is the responsibility of the student to periodically check at the Biological Sciences Office to be sure the recommendations have been returned in a timely fashion.

**UNO Pre-Dental Club:** If you are interested in joining, contact the Biological Sciences Department

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