



PRE-DENTISTRY PREPARATION

AT EASTERN ILLINOIS UNIVERSITY

NAME	
E NUMBER	
CATALOG	

SP20

Dentistry is a highly competitive four-year graduate program. Students should maintain a grade point average near 3.50/4.00, acquire leadership skills and exposure to the world of dentistry, and score an 18 or higher on the Dental Admission Test (DAT). Three letters of recommendation are required, typically two from science professors and one letter from a dentist.

Typically, the DAT is taken during the Spring Semester of the junior year, and application through a centralized application service Associated American Dental Schools Application Services (AADSAS) is submitted in June between the junior and senior years.

Dental schools are seeking individuals who are well rounded in their educational background. In selecting a major, identify one that will prepare you best for dental practice or a backup plan. English, biology, chemistry, psychology or psychology with a business minor are a few majors to consider. Because of the hands-on nature of the profession, courses in art and sculpting are also useful.

GENERAL REQUIREMENTS:

LANGUAGE: 9 HRS

Course	Hours	Grade	Semester
ENG 1001G Composition & Language	3		
ENG 1002G Composition & Literature	3		
CMN 1310G Intro to Speech Communication	3		

BIOLOGY*: 8-28 HRS

Course	Hours	Grade	Semester
BIO 1500 General Biology I	4		
BIO 3120 Molecular & Cellular Biology	4		
<i>Highly Recommended Courses</i>			
BIO 2210 Anatomy & Physiology I	4		
BIO 2220 Anatomy & Physiology II	4		
BIO 3200 Genetics	4		
BIO 3300 [#] Microbiology	4		
BIO 3310 [*] Immunology	4		
BIO 3624 [*] Histology	4		

SOCIAL/BEHAVIORAL SCIENCE: 9 HRS

Course	Hours	Grade	Semester
PSY 1879G [#] Intro to Psychology	3		

CHEMISTRY*: 19 HRS

Course	Hours	Grade	Semester
CHM 1310G General Chemistry I	3		
CHM 1315G General Chemistry I Lab	1		
CHM 1410 General Chemistry II	3		
CHM 1415 General Chemistry II Lab	1		
CHM 2440 Organic Chemistry I	3		
CHM 2445 Organic Chemistry I Lab	1		
CHM 2840 Organic Chemistry II	3		
CHM 2845 Organic Chemistry II Lab	1		
<i>Highly Recommended Courses</i>			
CHM 3450 [#] Biochemistry	3		

MATH*: 7-9 HRS

Course	Hours	Grade	Semester
MAT 2110G [#] Brief Calculus	3		
OR MAT 1441G [#] Calculus I	5		
BIO 4750 [#] Statistic Anly of Sci Data	4		
OR MAT 2250G [#] Elementary Statistics			

PHYSICS*: 8 HRS

Course	Hours	Grade	Semester
PHY 1151G Principles of Physics I	3		
PHY 1152G Principles of Physics I Lab	1		
PHY 1161 Principles of Physics II	3		
PHY 1162 Principles of Physics II Lab	1		

* Additional prerequisite classes may be required. See Undergraduate Catalog.

[#] Required course by some dental schools

[^] Recommended by some dental schools

Departmental Exit Interview is also required prior to leaving EIU

WHAT MAKES YOU UNIQUE FROM OTHER APPLICANTS?

Healthcare Experience

- Volunteer or work in hospitals, clinics, nursinghomes, assisted living centers, crisis nursery, and rehab centers is beneficial.
- Shadow a specialist. Ask to volunteer or work in thier practice; seek opportunity to shadow.

Leadership Experience

Dentists are leaders in their communities and demonstrated leadership skills are a must. Campus, church, and community organizations provide excellent leadership opportunities.

RESOURCES:

American Dental Education Association

www.adea.org

American Dental Association

www.ada.org/en

DAT (Dental Admissions Test)

www.ada.org/dat.aspx

CONTACT INFORMATION:

PRE-HEALTH PROFESSIONS ADVISING

Eastern Illinois University
Life Science Building
600 Lincoln Avenue
Charleston, IL 61920
Phone: 217-581-3126
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SAMPLE COURSE SEQUENCE:

The suggested sequence assumes that the foreign language requirement has been completed.

FRESHMAN	
FALL	SPRING
ENG 1001G BIO 1500 CHM 1310G/1315G PSY 1879G	ENG 1002G CHM 1410/1415 MAT Prerequisite (if needed)
SOPHOMORE	
FALL	SPRING
BIO 3120 CHM 2440/2445 Gen Ed Elective	BIO 3200 CHM 2840/2845 BIO 2210 Gen Ed Elective
JUNIOR	
FALL	SPRING
BIO 2220 PHY 1151G/1152G (Fall ONLY) CHM 3450 (Fall ONLY) BIO 3300 DAT Prep	BIO 4750 OR MAT 2250G PHY 1161G/1162G (Spring ONLY) CMN 1310G DAT Exam/Appy to Dental School
SENIOR	
FALL	SPRING
EIU 4***G Gen Ed Elective Dental School Admission Interviews	Gen Ed Elective Pre-Health Advising Exit Interview