

# UNIVERSITY OF WISCONSIN OSHKOSH COLLEGE OF LETTERS AND SCIENCE

## PRE-DENTISTRY

Ninety credits of pre-dental work is generally required for admission to dental school, although many students enter dental school upon completion of a bachelor's degree. The Dental Admission Test and good college grades are required. In Wisconsin the dental school is at Marquette University in Milwaukee. Because there is no state-supported dental school, a student wishing to attend dental school at Marquette can get tuition support.

A typical program of study is given below. It includes only those courses needed for dental school. Students should select additional courses from the list of suggested electives. Please note that Mathematics 104 is required to take the Chemistry courses, and Math 108 or Math 104 followed by Math 106 are prerequisites for Physics 107 and 108. Select math courses according to your placement test results.

### FRESHMAN YEAR 1st Semester

Biology	26-105	4 cr.
Chemistry	32-105	5 cr.
Mathematics	67-104 & 106 or 108	3 cr. 5 cr.
Biology	26-111	2 cr.
English	38-101 or WBIS 188	3 cr. 3 cr.

### Second Semester

Biology	26-230	4 cr.
Chemistry	32-106	5 cr.
Mathematics	Complete sequence	
Speech	96-111	3 cr.
Electives (See below.)		3 cr.

### SOPHOMORE YEAR 1st Semester

Chemistry	32-235	4 cr.
Literature	38-2xx	3 cr.
Mathematics	Complete sequence	
Electives (See below.)		6-8 cr.

### Second Semester

Chemistry	32-335	4 cr.
Electives (See below.)		8-12 cr.

### JUNIOR YEAR 1st Semester

Physics	82-107	5 cr.
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### Second Semester

Physics	82-108	5 cr.
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(The physics sequence could be started sooner depending on the level of mathematics taken.)

**Electives:** Additional biology and biochemistry courses (human related) are strongly recommended. Select other electives from quantitative analysis, history, psychology, philosophy, foreign languages, art, mathematics, economics, accounting or management.

**Faculty Advisor:** Dr. Vaughan (Halsey 152) Email: [vaughan@uwosh.edu](mailto:vaughan@uwosh.edu)

Web site: <http://www.uwosh.edu/departments/biology/vaughan/advising.html>

**Academic advisor:** Ron Cardo (Dempsey 130) Email: [cardo@uwosh.edu](mailto:cardo@uwosh.edu)  
Lisa Szromba (Dempsey 130) Email: [szrombal@uwosh.edu](mailto:szrombal@uwosh.edu)

For information on dental programs and the dental profession:

The American Dental Association  
211 E. Chicago Avenue  
Chicago, Illinois 60611  
(312)440-2500 <http://www.ada.org>

## Dentistry and Dental School Programs

Dentistry is a branch of health sciences devoted to preventing, diagnosing and treating diseases of the teeth and oral tissues and restoring or replacing missing teeth and oral structures. A dentist possesses a thorough knowledge of all oral tissues and has the ability to recognize and diagnose problems that develop in those tissues. A dentist is not only capable of providing medical and surgical therapy for oral problems, but also assists the medical physician in diagnosing systemic disease that may be first noted by changes in the mouth.

### Dental Education Requirements:

- Three years or 90 semester credits (pre-dental portion)
- Dental Admission Test (DAT)
- Four years of dental studies consisting of two years in basic biological sciences and training in dental technology and two years focusing on the delivery of oral health care. This training results in either the Doctor of Dental Surgery (DDS) or the Doctor of Dental Medicine (DDM)

### Dental Specializations:

- dental public health (prevention and control of dental diseases)
- endodontics (treatment of the tooth's pulp)
- oral and maxillofacial surgery (tooth removal and surgical therapy)
- oral pathology (treatment of pathological conditions affecting the oral cavity)
- orthodontics (utilization of braces to correct tooth alignment)
- pediatric dentistry (concentration on dental problems of children and adolescents)
- periodontics (focusing on diseases of gums and the jaw bone)
- prosthodontics (devoted to replacement of missing teeth)

### Dental Schools in the Midwest:

#### Illinois

Loyola University  
Northwestern University  
Southern Illinois University  
University of Illinois

#### Indiana

Indiana University  
University at Indianapolis

#### Iowa

University of Iowa

#### Michigan

University of Detroit Mercy  
University of Michigan

#### Minnesota

University of Minnesota

#### Ohio

Ohio State University  
Case Western Reserve

#### Wisconsin

Marquette University

For information on the dental school at Marquette University contact:

Marquette University  
School of Dentistry  
P.O. Box 1881  
Milwaukee, Wisconsin 53201-1881  
(414) 288-3532 or 1-800-445-5385  
www.dental.mu.edu  
e-mail: [admissions@caries.dental.mu.edu](mailto:admissions@caries.dental.mu.edu)

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