



Pre-Dentistry (412)

Associate of Science

ABOUT OUR PROGRAM

This program is intended to provide the first two years of a four-year baccalaureate program. Study in this major provides a foundation for a career in dentistry through study in humanities, math, and sciences.

NATURE OF WORK AND EMPLOYMENT

Dentists diagnose and treat diseases of the teeth and tissues of the mouth. Most dentists work in private offices or clinics. Specialty areas include oral surgeon, periodontist, and orthodontist. Dentists require a license to practice.

SPECIAL CONSIDERATIONS

Those interested in dentistry should have an aptitude in science, good manual dexterity, good hand-eye coordination, and good eyesight. Students must be prepared to continue their education at the professional level after completing their baccalaureate degree.

The listed coursework is a recommendation only. Students should check with a student advisor for HCC graduation requirements and specific university requirements in this major. Students must meet with an advisor to ensure that the special requirements of the department and institution to which they plan to transfer are met. Colleges and universities have specific requirements for transfer students.

PROGRAM CONTACTS

Call Highland at 815-235-6121 for the following program contacts:

- Dr. Brendan Dutmer, Associate Dean, Natural Science and Mathematics
- Heather Moore, Student Advisor

RECOMMENDED COURSES

The following are recommended courses for this major only. Students must still meet all requirements for the Associate of Science degree (see page 58) in order to graduate from Highland Community College. For more information, please see your student advisor.

Biology

* BIOL	208	Biology I: Cell & Molecular Biology	4
* BIOL	209	Biology II: Biodiversity, Evolution & Ecology	4
* BIOL	211	General Microbiology	4

Chemistry

* CHEM	123	General College Chemistry I	5
* CHEM	124	General College Chemistry II	5
* CHEM	221	Organic Chemistry I	4
* CHEM	222	Organic Chemistry II	4

Mathematics

* MATH	177	Statistics	3
* MATH	168	Analytic Geometry & Calculus I	5
* MATH	268	Analytic Geometry & Calculus II	5

Physics

* PHYS	141	Introductory Physics I	4
* PHYS	142	Introductory Physics II	4
		-or-	
* PHYS	143	General Physics I	5
* PHYS	144	General Physics II	5

* Course has a prerequisite. See course descriptions.

REGIONAL INSTITUTIONS

Midwestern University College of Dental Medicine (Downers Grove, IL)

University of Illinois at Chicago College of Dentistry (Chicago, IL)

Southern Illinois University School of Dental Medicine (Alton, IL)

University of Iowa College of Dentistry (Iowa City, IA)

Marquette University School of Dentistry (Milwaukee, WI)