

Transfer Guide for Career Planning

Dentistry

Prerequisite Courses:

MTH 210 - Calculus I
MTH 211 - Calculus II

CHE 151 - Principles of Chemistry I
CHE 152 - Principles of Chemistry II

PHY 154 - General Physics I **Advised**
PHY 155 - General Physical II **Sequence**

CHE 251 - Organic Chemistry I
CHE 252 - Organic Chemistry II

or

PHY 161 - University Physics
PHY 251 - University Physics

BIO 160 - General Botany
BIO 165 - General Zoology
BIO 202 - Microbiology

HED 220 - Advanced First Aid & CPR (recommended as a PE/HED elective)

The above courses will satisfy some of the prerequisites for admission to Dental School. Other required courses may include further Chemistry courses, probably including Biochemistry. Although students come from a variety of undergraduate degree programs, majoring in Chemistry or Biochemistry is typical (see the Pre-Dentistry Advisor at the four-year college for further information).

Courses dealing with building interpersonal and communication skills are very important. These include courses in Writing, Ethics, Speech Communications, Psychology, Sociology and Anthropology.

Dental schools award the Doctor of Dental Surgery (DDS) or Doctor of Dental Medicine (DMD). Dental schools require a minimum of 2 years college-level/predental education. Some specialized areas of dentistry include Endodontists, Orthodontics, Oral Surgeons, Pediatric Dentistry, Periodontics, Prosthodontics, Public Health Dentistry, Oral Pathology and Oral Radiology.

All States and the District of Columbia require dentists to be licensed. All dental schools require applicants to take the Dental Admissions Test (DAT). In addition, schools consider GPA and information gathered through recommendations and interviews to qualify for acceptance.

List of Colleges in NYS Offering a Degree in Dentistry:

Columbia University

SUNY Health Science Center at Stony Brook

New York University

University of Rochester

SUNY University at Buffalo