



Health Sciences Minor

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Preparing to Enter Dental Colleges

Following selection of institutions offer either Doctor of Dental Sciences (DDS) or Doctor of Dental Medicine (DMD) degree. For a complete list of Dental Schools, please visit the [American Dental Association](#) (ADA).

- [Columbia University College of Dental Medicine, NY](#)
- [NYU College of Dentistry](#)
- [Stony Brook University School of Dental Medicine, NY](#)
- [Touro College of Dental Medicine at New York Medical College](#)
- [University at Buffalo School of Dental Medicine, NY](#)
- [Rutgers, The State University of New Jersey, School of Dental Medicine](#)
- [University of Connecticut School of Dental Medicine](#)
- [The Maurice H. Kornberg School of Dentistry, Temple University, PA](#)
- [University of Pennsylvania School of Dental Medicine, PA](#)
- [University of Pittsburgh School of Dental Medicine, PA](#)
- [Boston University Henry M. Goldman School of Dental Medicine, MA](#)
- [Harvard School of Dental Medicine, MA](#)
- [Tufts University School of Dental Medicine, MA](#)

Required Courses¹: Following courses must be completed before applying to the dental programs. All interested individuals are encouraged to take upper-level science courses as time and interests permit.

- **General Biology I & II:** BIOL105 AND BIOL 106
- **Cell Biology:** BIOL 286
- **General Chemistry I & II:** CHEM 113 AND CHEM 114
- **Organic Chemistry I & II:** CHEM 251 AND CHEM 252
- **Biochemistry:** CHEM 371
- **General Physics I & II:** PHYS 121 AND PHYS 122
- **Calculus:** MATH 141 or better
- **Statistics:** BIOL 230 OR DATA 205 OR PSYCH 107
- Two courses of writing intensive English.

Recommended Courses: In addition to the required courses above, dental colleges recommend additional science courses. Below is a list of suggested courses for interested students.

- General Microbiology – BIOL 201
- Genetics – BIOL 285
- Anatomy & Physiology – BIOL 325 AND BIOL 326
- Neurobiology – BIOL 373

- Biochemistry II – CHEM 372
- Biochemistry Lab – CHEM 376
- 4 courses in Social Sciences (Sociology, Psychology, Urban Studies, Anthropology, etc.)
- 2 courses in Humanities (History, Ethics, Philosophy, Art, etc.)
- Suggested Minors: [Biology](#), [Chemistry](#), & Health Sciences.

Miscellaneous Requirements²:

- Bachelor's Degree
- Register with Health Professions Advisory Office ([HPAS](#))
- Competitive cumulative and pre-requisite GPA
- Dental Admissions Exam: [DAT](#)
- Academic Research Experience
- Clinical experience & shadowing in dental setting (paid or unpaid)
- Community service, volunteering, and altruistic endeavors (unpaid)
- Demonstrated leadership: club board member, mentoring, teaching, etc.
- Committee letter³ or 3 Letters of Recommendation

¹ – This is a comprehensive list of courses needed to apply to most Dental Schools. The exact prerequisite courses may vary and must be verified with individual institutions. This list is based on and derived from the admission's requirements for the year 2021-2022 of the aforementioned schools. Students are strongly encouraged to consult with their respective schools before applying.

² – These requirements differ between programs and must be verified before applying.

³ – You must register with Health Professions Advisory Services (HPAS) to receive a committee letter.