Science course prerequisites for the DAT (for pre-DENTAL students)

The PreMedical and PreDental Advising Office: [http://premed.umbc.edu](http://premed.umbc.edu) -- Students should reference the appropriate prerequisite sheet to supplement this DAT-science pathway sheet.

Undergraduate Catalog: [http://catalog.umbc.edu](http://catalog.umbc.edu)

Schedule of Classes: [http://registrar.umbc.edu/](http://registrar.umbc.edu/)

Indicates a Pre-requisite: → Indicates a Co-requisite: ←

MATH 150, MATH 155, or MATH 151

BIOL 141 and BIOL 142 → BIOL 302 → [plus pre-req of CHEM 102Lab] → BIOL 300Lab → Either BIOL 302Lab or BIOL 303Lab

BIOL 303

CHEM 101 → CHEM 102 → CHEM 351 → CHEM 352 (lecture offered Spring/Summer only) → 1-2 semesters of DAT study

CHEM 102Lab → CHEM 351Lab → CHEM 352Lab

(Neither BIOL 141 nor 142 fulfills professional school biology requirements. These are strictly UMBC pre-reqs. for entrance into BIOL 302.)

Other science courses typically required by dental schools, but not tested on the DAT:

Physics I, PHYS 111

Physics II, PHYS 112

Biochemistry, BIOL 430 or CHEM 437

Microbiology, BIOL 275 with 275 Lab

Human Anatomy & Physiology I & II, BIOL 251 & BIOL 252

After completing the DAT prerequisites of biology, inorganic, and organic chemistry courses, study for 1-2 semesters (@ 8-10 hours per week) for the DAT. If you are scoring well on your practice exams, take the DAT.

Check out the office website for more DAT study resources and recommended timelines, [http://premed.umbc.edu/required-prerequisite-courses/dat-study-resources/](http://premed.umbc.edu/required-prerequisite-courses/dat-study-resources/)

Students who are applying to dental school are encouraged to apply with the assistance of UMBC’s pre-health committee, also known as the Health Professions Evaluation Committee (HPEC). For more information on the HPEC process please visit, [http://premed.umbc.edu/what-is-the-purpose-of-the-pre-health-application-or-hpec-process/](http://premed.umbc.edu/what-is-the-purpose-of-the-pre-health-application-or-hpec-process/)

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