PRE-MEDICAL/PRE-DENTAL/ PRE-VETERINARY/PRE-HEALTH ADVISING TRACK

Students can be any major and be considered pre-medical, pre-dental, or pre-veterinary. However, recommended majors at D'Youville that lead into these professional schools are Biology B.S. (https://catalog.dyu.edu/degree-programs/arts-sciences-education/biology-mathematics/biology-bs/#text) and Biochemistry B.S. (https://catalog.dyu.edu/degree-programs/arts-sciences-education/biology-mathematics/biochemistry-bs/) (as they already require many of the pre-requisite courses for medical/dental/veterinary school).

In addition to completing prerequisite science coursework, students are encouraged to pursue a broad educational experience that strengthens critical thinking, communication, ethical reasoning, and an understanding of diverse perspectives. Medical, dental, veterinary, and other health professions programs increasingly evaluate applicants through a holistic review process that considers academic achievement, experiences, personal attributes, and demonstrated competencies. Students should consult with their advisor to determine the best course selections.

D'Youville University's **Pre-Health Committee** provides guidance and resources for students preparing to apply to medical, dental, veterinary, and other health professions programs. Through advising, application support, interview preparation, and review of recommendation materials, the committee helps students navigate the admissions process and present their strongest applications. The committee also serves as a resource for students exploring graduate study in the sciences.

Questions regarding the Pre-Health Committee may be directed to prehealth@dyu.edu (https://catalog.dyu.edu/degree-programs/arts-sciences-education/pre-med/prehealth@dyu.edu)

Students interested in medical, dental, or veterinary school should:

1. Talk to their academic advisor
2. Add the appropriate specialization to their student record (e.g., pre-med)
3. Successfully complete the courses listed on this page
4. Adhere to advice from the Pre-Professional Committee regarding entrance exams (e.g., MCAT), courses, shadowing, etc.

Required courses in the Pre-Medical/Pre-Dental/Pre-Veterinary advising track:

Code	Title	Credits
BIO-101	Introductory Biology I	4
BIO-101L	Intro Bio Lab I	0
BIO-102	Introductory Biology II	4
BIO-102L	Intro Bio Lab II	0
BIO-303	Biochemistry	3
or CHE-303	Biochemistry	
BIO-303L	Biochemistry Lab	1
or CHE-303L	Biochemistry Laboratory	
CHE-101	General Chemistry I	3
CHE-101L	General Chemistry Laboratory	1
CHE-102	General Chemistry II	3
CHE-102L	General Chemistry Laboratory II	1
CHE-219	Organic Chemistry	3
CHE-219L	Organic Chemistry Lab	1
CHE-220	Organic Chemistry II	3
CHE-220L	Organic Chemistry II Lab	1
MAT-201	Biostatistics	3
or MAT-123	Introduction to Applied Statistics	
PHY-101	General Physics I	3
or PHY-111	Introduction to Physics	
PHY-101L	Gen Physics Lab I	1
or PHY-111L	Introduction to Physics Lab	
PHY-102	General Physics II	3
or PHY-112	Introduction to Physics	
PHY-102L	Gen Physics Lab II	1
or PHY-112L	Introduction to Physics Lab	
ENG-111	Introduction to Literature: Acad Writing [1]	3
ENG-112	Humanities Seminar [1]	3
PSY-101	General Psychology	3
or PSY-204	Physiological Psychology	
or PSY-205	Social Psychology	
or PSY-207	Cognitive Psychology	
SOC-101	Principles of Sociology	3

[1]Two ENG-XXX courses should be taken. Please see your academic advisor to see which 2 ENG courses are the best fit.

In preparation for the MCAT and DAT the following courses are strongly recommended. In addition, some schools highly recommend these courses:

Code	Title	Credits
BIO-107	Human Anatomy & Physiology I	3
BIO-107L	Human Anatomy & Physiology Laboratory	1
BIO-108	Human Anatomy & Physiology II	3
BIO-108L	Human Anatomy & Physiology II Lab	1
BIO-208	Microbiology	3
BIO-208L	Microbiology Lab	1
MAT-125	Calculus I	4
• Medically related social science courses.		

While these are the most common requirements for professional schools, students should research each school of interest to make sure there are no additional required or recommended courses.