

University of North Texas at Dallas Bachelor of Science (BS) in Public Health to University of North Texas Health Science Center Doctor of Osteopathic Medicine 3 + 4 Pathway

Eligibility Requirements

To be eligible for initial and continued participation in the 3+4 Pathway Program, a student must:

- have been a first-time-in-college student admitted to UNTD for the fall term immediately following high school graduation;
- have submitted to the UNTD Public Health Advisor all documents relevant to the 3+4 Pathway Program in Public Health;
- be a U.S. Citizen or Permanent Resident by the time of medical school application;
- be a Texas resident as defined by Rule §21.24 of the Texas Administrative Code;
- have completed the SAT or ACT.
- successfully complete a minimum of 14 semester credit hours (SCH) of the 3+4 Pathway Undergraduate Curriculum each fall and spring semester (or otherwise indicated on the UNTD degree plan), for 6 consecutive semesters; Alternatively, may satisfy the minimum requirement with a total of 30 semester credit hours (SCH) over a fall, spring, and summer semester within the same academic year.
- take all science coursework at UNTD; "science" is defined as any course with a prefix of BIOL, BIOC, CHEM, and PHYS;
- maintain continuous, full-time enrollment at UNTD during fall and spring terms;
- complete a minimum of 65 semester credit hours of the Undergraduate Curriculum at UNTD, of which 24 must be advanced and completed at UNTD, irrespective of any course credits earned through dual credit, advanced placement examinations, or transfer from other institutions as approved by UNTHSC-TCOM;
- earn a B or better in prerequisite courses and all BCPM courses attempted at UNTD ("BCPM" is defined as any course with a prefix of BIOL, BIOC, CHEM, PHYS, and MATH); if statistics is completed by Advanced Placement ("AP") credit, a B or better is not required;
- earn both a cumulative and BCPM ("BCPM" is defined as any course with a prefix of BIOL, BIOC, CHEM, PHYS, and MATH) GPA of 3.75 or higher by the end of the first semester at UNTD

- maintain a cumulative GPA of 3.75 or higher;
- maintain a cumulative GPA of 3.75 or higher in all BCPM courses;
- earn a semester GPA of 3.50 or higher in all six semesters at UNTD;
- participate in the UNTD pre-health advising process throughout their second year at UNTD.

Curriculum Pathway

The required courses and recommended sequence for the 3+4 Pathway Undergraduate Curriculum are set forth in the tables below. Any course substitution or changes to the sequence must be approved in advance by the UNTD Pre-Health Advisor.

First Year: Fall Semester UNTD

Course	Description	SCH	Note
BIOL 1710	Biology for Science Majors I	3	Core: Life& Physical Science
BIOL 1730	Biology for Science Majors I Laboratory	1	
ART 1300	Art Appreciate	3	Core: Creative Arts
MATH 1314	Algebra for STEM	3	
ENGL 1313	College Writing I	3	Core: Communication
SOCI 1510	Intro to Sociology	3	Core: Social&Beh Science
Total Semester Credit Hours		16	

First Year: Spring Semester UNTD

BIOL 1720	Biology for Science Majors II	3	Core: Life& Physical Science
BIOL 1740	Biology for Science Majors II Laboratory	1	
CHEM 1410	General Chemistry for Science Majors I	3	
CHEM 1420	General Chemistry for Science Majors I Lab	1	
ENGL 1323	College Writing II	3	Core: Communication
ENGL 2220	Survey of World Literature	3	Core: Lang, Phil & Culture
SPAN 1010	Elementary Spanish I	3	Core: Component Option
Total Semester Credit Hours		17	

First Year: Summer Semester UNTD

BIOL 1132	Environmental Science	3	
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CHEM 1420	General Chemistry for Majors II	3
CHEM 1440	General Chemistry for Majors II Lab	1
Total Semester Credit Hours		7

Second Year: Fall Semester UNTD

Course	Description	SCH	Note
BIOL 3307	Microbiology	3	
BIOL 3107	Microbiology Laboratory	1	
CHEM 3370	Organic Chemistry I	3	
CHEM 3210	Organic Chemistry I Laboratory	1	
MATH 1342	Elementary Probability & Statistics	3	Core: Mathematics
HIST 2610	U.S. History to 1865	3	Core: American History
PBHL 2300	Introduction to Public Health	3	
Total Semester Credit Hours		17	

Second Year: Spring Semester UNTD

BIOL 3451	Genetics	3	
CHEM 3380	Organic Chemistry II	3	
CHEM 3220	Organic Chemistry II Laboratory	1	
HIST 2620	U.S. History since 1865	3	
PBHL 3340	Social & Behavioral Science in Public Health	3	
PBHL 4310	Epidemiology	3	
Total Semester Credit Hours		16	

Second Year: Summer Semester UNTD

BIOL 2301	Human Anatomy & Physiology I	3	
BIOL 2311	Human Anatomy & Physiology I Lab	1	
BIOL 2302	Human Anatomy & Physiology II	3	
BIOL 2312	Human Anatomy & Physiology II Lab	1	
Total Semester Credit Hours		8	

Third Year: Fall Semester UNTD

Course	Description	SCH	Note
BIOC 3300	Principles of Biochemistry	3	
PBHL 3310	Principles of Human Nutrition	3	
PBHL 3320	Program Planning in Public Health	3	
PHYS 1410	General Physics I	3	
PHYS 1430	General Physics I Laboratory	1	
PSCI 1040	American Government: Laws & Inst	3	Core: Government-PSCI
Total Semester Credit Hours		16	

Third Year: Spring Semester UNTD

PBHL 3330	Health Policy	3	
PBHL 3350	Environmental Health	3	
PBHL 4320	Biostatistics for Public Health	3	
PHYS 1420	General Physics II	3	
PHYS 1440	General Physics II Laboratory	1	
PSCI 1050	American Government: Process & Policies	3	
Total Semester Credit Hours		16	

**CHEM 3370, CHEM 3210, CHEM 3380, CHEM 3220, BIOC 3300, BIOL 3107, BIOL 3307, BIOL 3451, BIOL 3510, BIOL 4260, BIOL 4310, and BIOL advanced electives {3000 or 4000 level} will count towards the 42 advanced hour requirement for the General Degree Requirement.*

Course **Description**

MEDE 7810	Cellular and Molecular Biology
MEDE 7811	Musculoskeletal and Skin System 1
MEDE 7812	Nervous System 1
MEDE 7615	Cardiopulmonary System I
MEDE 7611	Gastrointestinal and Renal Systems 1
MEDE 7410	Foundations of Osteopathic Manipulative Medicine
MEDE 7510	Medical Practice 1
MEDE 7513	Professional Identity and Health Systems Practice 1

Course	Description
MEDE 7715	Endocrine and Reproductive Systems 1
MEDE 7712	Immunology and Hematology Systems 1
MEDE 7713	Fundamentals of Disease and Treatment 1
MEDE 7813	Fundamentals of Disease and Treatment 2
MEDE 7311	Medical Practice II
MEDE 7514	Professional Identity and Health Systems Practice 2
MEDE 7525	Musculoskeletal and Skin System 2
MEDE 7620	Medical Practice 3

BS degree requirements at UNTD will be met by applying TCOM courses as follows:

Courses that satisfy the 120 Minimum Hour requirement in the BS Public Health degree:

- *MEDE7810, 7811, 7812, 7615, 7611, 7410, 7510, 7513, 7715, 7712, 7713, 7813, 7311, 7514, 7525, 7620*

Courses that satisfy the 42 Advanced Hours requirement in the BS Public Health degree:

- *MEDE 7810, 7811, 7812, 7615, 7611, 7410, 7510, 7513, 7715, 7712, 7713, 7813, 7311, 7514, 7525, 7620*

Courses that satisfy 6 Hours of advanced PBHL courses in the BS Public Health degree:

- *MEDE 7510, 7513, 7311, 7514, 7620*