

Traditional Nursing Option

Information specific for January 2021 Start Date

Metropolitan State University of Denver's Traditional Nursing Option (TNO) is a four and a half year Bachelor of Science in Nursing (BSN) program. Students complete general studies and prerequisite courses in the freshman and sophomore year before applying to the TNO. Students accepted into the TNO, complete nursing courses in the junior and senior year. Graduates are eligible to apply to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN).

Application to Metropolitan State University of Denver

Interested students must first be accepted to the University. This requires an online application and official transcripts of all previous college level courses including AP scores. This material is sent to the Admission Office at MSU Denver- NOT to the Nursing Department. Please apply as a degree-seeking student with a major of undeclared Nursing (undeclared). Once accepted to MSU, eligible students then must apply to the Nursing Program through the Department's website. Note the application opens July 1st and closes September 1st at 5 pm. <https://msudenver.edu/nursing/>

General Studies

General Studies courses are a mixture of Arts & Humanities, Social Science, Natural Science, Oral Communication, English Writing, and Math. These courses must be completed for any Bachelor's degree at the University. The specific courses may vary by majors and individual students. (See the Sample Curriculum plan for more details)

Global Diversity Course

All students are required to complete a 3 credit Global Diversity course. This is a course about cultures outside of the US. It must be an approved General Studies course. This course may be taken at MSU Denver or transferred with approval.

Multicultural Course

To be awarded a bachelor's degree from MSU Denver all students are required to complete a 3 credit Multicultural course. Multicultural coursework examines the interactions of values, beliefs, traditions, identities, and contributions of one or more of the following four groups of color in the United States: African American, Asian American, Hispanic American, and Native American, which may include the characteristics of gender, sexual orientation, age, or disability within these groups. This course may be taken at MSU Denver or transferred with approval.

MSU Denver Required Prerequisite Courses for the TNO (MSU Denver course descriptions, numbers and credits)

We recommend all prerequisite courses be completed within 5-7 years to enhance student success in the program.

- **BIO 2310: Anatomy and Physiology I with lab* (4 credits)** - This is the first of two courses addressing the structure and function of the human body. Topics include tissues, anatomy, the musculoskeletal system, and neurophysiology. (pre-req BIO 1080/1090)
- **BIO 2320: Anatomy and Physiology II with lab* (4 credits)** - This is the second of two courses addressing the structure and function of the human body. Topics include endocrinology; circulation; and the respiratory, digestive, urinary and reproductive systems. (pre-req BIO 2310)
- **ITP 4600: Clinical Pathophysiology (4 credits)** - This course is designed to familiarize the student with the nature of human pathophysiology using major conceptual areas. Pertinent biochemical and metabolic derangements are correlated with the cellular structure by applying systems theory. The course focuses on the effects of the disease process on all of the major bodily systems, pathogenesis, and related clinical manifestations. (pre-req BIO 2320)
- **PSY 2210: Human Growth and Development (3 credits)** - This course presents the development of behavior from conception through maturity and death and is intended to help the student understand the developmental characteristics of different age groups and the determinants of their individual and collective behaviors. (pre-req PSY 1001) Often referred to as Psychology over the Lifespan.

- **NUT 2040: Introduction to Nutrition (3 credits)** - This course is designed to provide the student with an understanding of the fundamental concepts of human nutrition, including digestion, absorption, metabolism, and function of nutrients as they relate to human health and disease.
- **CHE 1100/1150: Principles of Chemistry (5 credits)** - This course is a study of the fundamentals of chemistry. A survey of atomic structure, periodicity, bonding, nomenclature, stoichiometry, gas laws, and solution chemistry is provided for those students with no background in these areas. Plus lab (pre-req MTH 1110 or higher)
or CHE 1800/1801: General Chemistry I (5 credits) - A comprehensive study of the facts, concepts, and laws of chemistry. This course meets the requirements of students majoring in chemistry, medicine, medical technology, biology, physics and other fields requiring a strong background in chemistry. Students enrolling in this course should have successfully completed high school chemistry or equivalent coursework. Plus lab (pre-req MTH 1110)
- **MTH 1210: Introductory Statistics Course (4 credits)** - This course is an introduction to the principles and techniques of descriptive statistics, probability, regression analysis, and statistical inference (estimation and tests of hypotheses). Students will work with data on problems related to their own interest or field of study. (pre-req appropriate test score)
or PSY 2310: Introduction to Statistics for Social and Behavioral Sciences (3 credits) - This course applies basic statistics to measurement, analysis, and interpretation in psychology as well as other social and behavioral sciences covering distributions, probability, central tendency, variability, sampling distributions, and hypothesis testing.
- **BIO 2400: General Microbiology with lab* (5 credits)** - This is a one-semester introduction to the microbial world, including discussions of bacteria, Cyanobacteria, fungi, protozoans and viruses. (pre-req BIO 1080/1090, BIO 1081/1091, CHE 1100/1150, MTH 1210)
or BIO 2000: Intro to Microbiology for Nursing* (4 credits) - This course is a non-majors introductory microbiology course specifically for pre-nursing. It will not count toward a biology major or minor. This course emphasizes the interplay between microorganisms and humans including infectious diseases and the immune system and has an emphasis on the control of microbial growth, spread of microorganisms, and their ability to cause disease and circumvent the immune system and antimicrobials. (pre-req BIO 1080/1090, CHE 1100/1150, MTH 1210)

* MSU Denver Biology department will not accept online lab courses.

Note: In some cases, additional courses may need to be taken prior to the required prerequisite courses.

Transfer courses

It is the student's responsibility to verify the equivalence of any transfer course brought into the University. If a course has not been evaluated to be equivalent to the required prerequisite, students must submit a syllabus of the course to the Nursing Department for approval. Do NOT assume courses are the same. Contact MSU Denver Transfer Services Office at 303-556-3991 for questions.

International Transcripts/Credentials

Students who have graduated from an institution outside of the U.S. are required to submit Official Transcripts with a "certified translation" into English. The Office of Admissions at MSU Denver recommends Educational Credential Evaluators (ECE) for official translations (www.ece.org). Please reference the MSU Denver guidelines for admission of International Students and/or the transfer of foreign credentials.

Admission Requirements for Traditional Nursing Option

To be eligible to apply to the Traditional Nursing Option applicants must:

- have completed General Studies courses required of BSN degree at MSU Denver. Or have a maximum of 6 credits remaining to be completed. The remaining credits can only be in following General Studies categories: Social and Behavioral Sciences I, Arts and Humanities, or Historical to begin the TNO in the spring. Students also need to complete the required Global Diversity and Multicultural courses.
- have completed all pre-requisite courses for the Nursing program. Students are allowed to take these courses in the fall semester if needed. If the course is in progress at the time of application, students must give permission to the course professor to send via email the mid-term grade to the MSU Denver Nursing Department between October 1 and October 15. GPA will be calculated with the mid-term grade in the course and **if offered conditional admission, the grade must be maintained to the end of the semester and will be verified at the end of the semester.** A lower grade that reduces the total point value will most likely eliminate the student from the program. The Nursing Department will require a transcript showing the final grade in the prerequisite course before nursing courses begin in January.

- have completed the HESI Nursing Admission Assessment Exam (HESI A2) within 24 months of the application deadline. Applicants are allowed to take the exam a maximum of two times in the 12 months prior to the application deadline. The HESI Exam is available on campus through the Office of Testing Centers. Students must make an appointment in advance. The subject areas tested are Reading Comprehension and Math and Anatomy & Physiology. The HESI exam may be taken at other testing centers- please use school code #200867.
- have transcript documentation of successful completion of prerequisite courses.

Applications that are submitted with any of the above criteria missing by the application deadline will be considered incomplete and will not be reviewed. It is the applicant's responsibility to ensure that all required documentation is submitted. Meeting the admission requirements does not guarantee admission.

Application to MSU Denver Nursing Program

Once accepted at MSU, students need to apply online through the Nursing Department website at <https://msudenver.edu/nursing/>. The application requires uploading the HESI testing scores, and reporting all previous grades for the 8 pre-requisite courses. There is no charge for the Nursing Program application. The Application opens July 1st and closes on September 1st at 5:00 pm. No applications will be accepted after the deadline. **For the TNO, a cohort of 24 students are selected from all of the qualified applicants.**

Conditional Acceptance

Applicants must successfully pass a criminal background check and drug screen prior to admission. The drug screen will test for controlled substances, including marijuana and marijuana derivatives. Re-testing is not allowed. If students fail the drug test or background check, their conditional acceptance will be negated. Admitted students must attend a required orientation with the Department of Nursing before beginning nursing courses. In addition to the academic requirements, the Department of Nursing requires other information for students offered admission. These include immunization records, and CPR certification. Candidates must be able to meet the rigorous physical, mental, emotional, and academic standards required to become a professional nurse. **Please refer to the website for additional program information:** <https://www.msudenver.edu/nursing/programinformation/>. The admission process does not unlawfully discriminate on the basis of age, race, religion, creed, gender, national origin, disability or veteran status.

Nursing Curriculum

The curriculum for the TNO is extremely rigorous and completed in two academic years. Students are admitted in the spring and complete the nursing curriculum in four standard academic semesters. Students are required to attend classes, complete laboratory experiences and fulfill clinical requirements. Students must be available for day, evening, and night assignments seven days a week.

Program Cost

The estimated cost of the TNO is approximately \$43,500, which includes tuition, MSU Denver student fees, health insurance, uniforms, books, and supplies. Please note that program costs are subject to change. This program receives no state funding, so the cost is the same for in-state and out-of-state students.

Financial Aid / Scholarships

Scholarships, stipends, and loan forgiveness programs may be available to help students with their educational expenses. Students may apply for scholarships after they have been accepted into the TNO through the MSU Denver Financial Aid Office.

Graduation

To earn a Bachelor of Science degree, students must satisfy all university graduation requirements, plus any others stipulated for the degree for which a student is a candidate. Please refer to the Academic Policies and Procedures in the Metropolitan State University of Denver catalog.

Admission Ranking Criteria Points Awarded

Valid for the Spring 2021 Start - Applications submitted from July 1 - September 1, 2020 at 5 p.m.

GPA Point Value 5 point maximum award

When multiple attempts are made in pre-requisite courses, all graded attempts in the last nine semesters (since Spring 2018) will be included in the GPA calculation. Mid-term grades will be used to determine this criteria if completing any of the courses in the Fall 2020 semester. Pre-requisite courses:

A&P I, A&P II, Pathophysiology, Microbiology, Nutrition, Human Growth & Development, Chemistry and Statistics

3.75 - 4.0 = 5 points

3.5 - 3.74 = 4 points

3.25 - 3.49 = 3 points

3.00 - 3.24 = 2 points

0 - 2.99 = 0 points

Average Cumulative HESI Nursing Admissions Assessment Score 4 point maximum award

scores are rounded to nearest whole number

HESI exam includes: Reading Comprehension, Math and Anatomy & Physiology

HESI exam is valid for 24 months from August 31, 2018 - Sept 1, 2020

95 - 100 = 4 points

90 - 94 = 3 points

85 - 89 = 2 points

80 - 84 = 1 point

79 and below = 0 points

Can be taken on-campus at MSU Testing Center. Cost \$75.00 as of 4/23/2020. Call 303.615.1700 for appt.
<https://www.msudenver.edu/testing>
Exam may be taken twice in a 12 month period.

Credits taken at MSU Denver 1 point maximum award

12+ credits = 1 point

0-11 credits = 0 points

Criteria Total Points: (GPA of pre-requisites, HESI exam & MSU credits)

TOTAL SCORE 10 point maximum award

24 students will be conditionally accepted into the Traditional program based on these criteria.

TIE BREAKER

HESI Nursing Admissions Assessment Exam Score will be used as the determining factor to rank candidates who share the same total score. Average of Cumulative HESI scores 100 point maximum award.

Applicants are advised to check the nursing website for changes in admission criteria

For additional information please access the Metropolitan State University of Denver Department of Nursing's website: <https://msudenver.edu/nursing/> or call 303.615.1600.

Accreditation

The TNO is approved by the Colorado State Board of Nursing and accredited by the Accreditation Commission for Education in Nursing (ACEN)
3343 Peachtree Road NE, Suite 850, Atlanta, Georgia 30326
T: 404-975-5000 F: 404-975-5020 Web Site: www.acenursing.org

Curriculum Sample Plan

1st Semester	Credits
ENG 1010 - Composing Arguments (Written Comm. req.)	3
COMM 1010 - Presentational Speaking <u>or</u> COMM 1100 - Fundamentals of Oral Communication	3
MTH 1210 - Introduction to Statistics (Quantitative Literacy req.)	4
BIO 1080 - General Biology I (Natural & Physical Sciences req.)	3
BIO 1090 - General Biology Lab I (Natural & Physical Sciences req.)	1
Total Semester Credits	14
2nd Semester	Credits
ENG 1020 - Freshman Comp: Analysis, Research & Doc. (Written Comm. Req.)	3
BIO 2310 - Human Anatomy & Physiology I	4
CHE 1100 - Principles of Chemistry (Natural & Physical Sciences req.)	4
CHE 1150 - Principles of Chemistry Lab (Natural & Physical Sciences req.)	1
Social & Behavioral Science I - See General Studies sheet*	3
Total Semester Credits	15
3rd Semester	Credits
BIO 2320 - Human Anatomy and Physiology II	4
PSY 1001 - Introductory Psychology (Social & Behavioral II req.)	3
BIO 2000 - Introductory Microbiology for Nursing <u>or</u> BIO 2400 - Gen. Microbiology (5)	4
Arts and Humanities - See General Studies sheet*	3
Total Semester Credits	14
4th Semester	Credits
ITP 4600 - Clinical Pathophysiology	4
PSY 2210 - Psychology of Human Development	3
NUT 2040 - Introduction to Nutrition	3
Historical - See General Studies sheet*	3
Arts & Humanities - See General Studies sheet*	3
Total Semester Credits	16
5th Semester <i>(may be needed)</i>	Credits

*Please use the General Studies sheet to determine courses that will meet multiple requirements as indicated with the GD or MC notation. You are required to take **1 Multicultural** course and **1 Global Diversity** course.

<i>These courses are sequenced- take one each semester to move onto the next course. Please keep this in mind when developing your schedule.</i>	
BIO 1080 - General Biology I / BIO 1090 - General Biology Lab BIO 2310 - Human Anatomy & Physiology I BIO 2320 - Human Anatomy and Physiology II ITP 4600 - Clinical Pathophysiology	
PSY 1001 - Introductory Psychology PSY 2210 - Psychology of Human Development	
MTH 1210 - Introduction to Statistics CHE 1100/CHE 1150- Principles of Chemistry with Lab <u>or</u> CHE 1800/1801 need MTH 1110 BIO 1080 - General Biology I / BIO 1090 - General Biology Lab BIO 290A - Intro Microbiology for Nursing or BIO 2400 - Gen Micro would also need BIO 1081/1091	need these 3 before BIO 2000