ASSOCIATE DEGREE NURSING

ASSOCIATE OF SCIENCE (AS) – 64 CREDITS

About this program

The Associate Degree Nursing program is designed for students with no previous nursing experience who are seeking to become registered nurses. The Detroit Lakes, Fergus Falls, Moorhead and Wadena campuses offer the two-year Associate Degree Nursing program. The Associate Degree Nursing program is designed to prepare students to deliver nursing care in a variety of settings as registered nurses. The graduating nurse will be able to provide nursing care in hospitals, long-term care centers, clinics, and community health and other health-related facilities. Upon completion of the nursing program, an Associate of Science degree is awarded by the college. Nursing graduates may apply to take the National Council Licensing Exam-RN (NCLEX-RN) following graduation. Individuals entering the program must pass the background check required by the Minnesota Human Services licensing division and, depending upon particular clinical partner expectations, also may be required to pass an annual national background check. The Minnesota Board of Nursing has officially approved the Associate Degree Nursing program at M State.

Program outcomes

1. Nursing judgment: Demonstrate the ability to make nursing judgments using evidence-based research and clinical reasoning for quality patient care across diverse populations.
2. Patient-centered care: Recognize the patient as the source of control and a full partner in providing compassionate and coordinated care based on respect for patient preferences, values and needs.
3. Teamwork and collaboration: Function effectively within nursing and inter-professional teams, fostering open communication, mutual respect and shared decisions to achieve quality patient care.
4. Safety: Promote quality care and a safe environment for diverse populations of patients, self and others through system effectiveness and individual performance.
5. Quality improvement: Participate in quality improvement to support effective and efficient health care services.
6. Professionalism: Demonstrate accountability to professional nursing values by adhering to legal and ethical principles and participating in continuous professional development.
7. Technology: Utilize information and technology to communicate, manage knowledge, mitigate error and support decision making.
8. Leadership: Apply nursing leadership concepts in the provision of high-quality care to individuals, families and communities.

Curriculum overview

Crds	Requirement type
61	Required courses
3	Restricted electives in course types
64	**Total**

Developmental courses note: A student may be required to enroll in developmental courses in reading, writing and math. A student's scores on the Accuplacer assessment will determine enrollment in developmental courses. The purpose of developmental courses is to prepare students for the demands of a college-level curriculum. *Credits may vary.*

Accreditation: Minnesota State Community and Technical College is accredited by the Higher Learning Commission, a regional accreditation agency recognized by the U.S. Department of Education. The Higher Learning Commission 230 South LaSalle Street, Suite 7-500 Chicago, IL 60604-1411

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Curriculum requirement details

Required courses

Course	Crds
BIOL2202 - Principles of Nutrition	3
BIOL2260 - Human Anatomy and Physiology I	3
BIOL2261 - Human Anatomy and Physiology I Lab	1
BIOL2262 - Human Anatomy and Physiology II	3
BIOL2263 - Human Anatomy and Physiology II Lab	1
BIOL2267 - Medical Microbiology	3
BIOL2268 - Medical Microbiology Lab	1
CHEM1100 - Fundamental Concepts of Chemistry	3
ENGL1101 - College Writing	3
NURS1400 - Introduction to Professional Nursing	2
NURS1406 - Nursing Fundamentals I	3
NURS1415 - Nursing Clinical I	2
NURS1416 - Nursing Fundamentals II	4
NURS1426 - Reproductive Health	2
NURS2426 - Reproductive Disorders	2
NURS2437 - Nursing Clinical II	4
NURS2438 - Restorative Nursing I	4
NURS2447 - Nursing Clinical III	4
NURS2448 - Restorative Nursing II	3
NURS2455 - Advanced Intravenous Therapy	1
NURS2464 - Nursing Leadership	1
NURS2466 - Mental Health Nursing	2
PSYC2222 - Lifespan Development	3
SOC1111 - Introduction to Sociology	3

Other requirements or restricted electives

3 credits from these Course Types:

- General Education w/MnTC Goals

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Course summaries

BIOL2202 - Principles of Nutrition ..... ***(3 credits)***
Meets MnTC Goal Areas 2 and 3. This course is a study of the fundamental principles of nutrition. This course will cover food composition, diet planning, utilization of food nutrients in the body and the requirements for nutrients in infancy, childhood, teen years, athletes, adults and the elderly. Also included are discussions about current trends in nutrition, the relationship of diet and disease, and cultural differences in dietary practices. Using the basic principles of nutrition, students will have a lab-like experience tracking, measuring, calculating and analyzing their diet and presenting the results in a written analytical report.

Prerequisites:

- CHEM1100

OR

- Instructor permission

OR

- CHEM1111

OR

- BIOL1122

OR

- BIOL2260

BIOL2260 - Human Anatomy and Physiology I ..... ***(3 credits)***
Meets MnTC Goal Area 3. This course is a comprehensive introductory overview of human anatomy and physiology that includes basic fundamental concepts of cell biology, tissues and organs making up the integumentary, skeletal, muscular and nervous systems. It is the first of a two-semester sequence in which anatomy and physiology are studied with an emphasis on structure and functions of systems. This course contains a lab-like component.

Prerequisites:

- Assessment into ENGL 1101 or college level writing equivalent.

BIOL2261 - Human Anatomy and Physiology I Lab ..... ***(1 credits)***
Meets MnTC Goal Area 3 when taken with BIOL 2260. This course is the laboratory component of a comprehensive introductory overview of human anatomy and physiology that includes basic fundamental concepts of cell biology, tissues and organs making up the integumentary, skeletal, muscular and nervous systems. This course is the first of a two-semester sequence in which anatomy and physiology are studied with an emphasis on structure and functions of systems.

Prerequisites:

- Assessment into ENGL 1101 or College Level writing equivalent.

Corequisites:

- BIOL 2260

BIOL2262 - Human Anatomy and Physiology II ..... ***(3 credits)***
Meets MnTC Goal Area 3. This course is a continuation of Anatomy and Physiology I. Topics will include the study of cells, tissues and organs making up the endocrine, cardiovascular, lymphatic and immune, respiratory, digestive, urinary and reproductive systems. Emphasis is on the structure and function of included systems. This course contains a lab-like component.

Prerequisites:

- Assessment into ENGL 1101 or college level writing equivalent.
- BIOL2260

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BIOL2263 - Human Anatomy and Physiology II Lab ..... ***(1 credits)***
Meets MnTC Goal Area 3 when taken with BIOL 2262. This course is the laboratory component of a comprehensive introductory overview of human anatomy and physiology that includes basic fundamental concepts of cells, tissues and organs making up the endocrine, cardiovascular, respiratory, digestive, urinary and reproductive systems. This course is the second of a two-semester sequence in which anatomy and physiology are studied with an emphasis on structure and functions of systems.

Prerequisites:

- Assessment into ENGL 1101 or College Level writing equivalent.
- BIOL2260
- BIOL2261

Corequisites:

- BIOL2262

BIOL2267 - Medical Microbiology ..... ***(3 credits)***
Meets MnTC Goal Area 3. This course is the study of the structure and the classification of bacteria, viruses, parasites and fungi of medical importance. It emphasizes the transmission of disease agents, signs and symptoms, immunology, immunization, control of microbial growth, specimen collection/transport, methods of identification and antimicrobial resistance. This lecture course includes lab-like components.

Prerequisites:

- Assessment into ENGL 1101.

BIOL2268 - Medical Microbiology Lab ..... ***(1 credits)***
Meets MnTC Goal Area 3. This laboratory course includes the fundamental techniques of cultivation, staining, biochemical analysis and identification of known and unknown bacterial isolates, and antimicrobial susceptibility testing. Morphological examination and pathogenesis of fungi, protozoans and helminths are also addressed.

Prerequisites:

- Assessment into ENGL1101 or college level writing equivalent.

Corequisites:

- BIOL2267

CHEM1100 - Fundamental Concepts of Chemistry ..... ***(3 credits)***
Meets MnTC Goal Areas 2 and 3. Course deals with substances, their structures and properties, the changes they undergo and the laws that govern those changes. Intended for prospective elementary teachers, non-science majors and those who need background for General Chemistry. This course includes a lab.

Prerequisites:

- MATH0095 or placement by assessment

ENGL1101 - College Writing ..... ***(3 credits)***
Meets MnTC Goal Area 1. This is an introductory course designed to prepare students for later college and career writing through a process approach with particular emphasis on revision. Students consider purpose and audience as they read, discuss and refine their work to develop confidence in their writing and communication skills.

Prerequisites:

- ELL1085
- ENGL0097
- or placement in College Level English.

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NURS1400 - Introduction to Professional Nursing ..... ***(2 credits)***
This course introduces students to the concepts of professional nursing. It includes the evolution of nursing practice, the scope of practice for health care teams, creating plans of care that integrate quality and safety for diverse patient populations, professional behavior, therapeutic communication, documentation and medical terminology.

Prerequisites:

- Acceptance into the Associate Degree Nursing Program
- Current American Heart Association Basic Life Support
- Current, clear national background check
- Current, clear Minnesota Department of Health criminal background check
- Experience as a nursing assistant as guided by the generic ADN application packet
- Must be eligible to take English 1101 and Math 1114
- Up-to-date immunizations and health form

NURS1406 - Nursing Fundamentals I ..... ***(3 credits)***
This course prepares students to provide safe, therapeutic nursing care to diverse patient populations across the age span. Content includes asepsis and infection control, holistic assessment, basic pharmacologic principles and concepts, safe medication administration, pain management, complementary/alternative therapies and perioperative nursing care. This course also integrates the content and skills necessary to promote and maintain health and wellness of the neurological, integumentary, sensory and musculoskeletal systems.

Prerequisites:

- Acceptance into the Associate Degree Nursing Program
- Current American Heart Association Basic Life Support
- Current, clear Minnesota Department of Health criminal background check
- Current, clear national background check
- Experience as a nursing assistant as guided by the generic ADN application packet
- Must be eligible to take English 1101 and Math 1114
- Up-to-date immunizations and health form

NURS1415 - Nursing Clinical I ..... ***(2 credits)***
This course promotes the application of fundamental skills while providing holistic nursing care to a diverse group of patients. The course incorporates the concepts of quality and safe patient care, professional behavior, therapeutic communication and self-evaluation.

Prerequisites:

- BIOL2260
- BIOL2261
- BIOL2267
- BIOL2268
- Current American Heart Association Basic Life Support
- Current, clear national background check
- Current, clear Minnesota Department of Health criminal background check
- ENGL1101
- Experience as a nursing assistant as guided by the generic ADN application packet
- NURS1400
- NURS1406
- PSYC2222
- Up-to-date immunizations and health form

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NURS1416 - Nursing Fundamentals II ..... ***(4 credits)***
This course prepares students to provide safe, therapeutic nursing care to diverse patient populations across the age span. The course also integrates the content and skills necessary to promote and maintain health and wellness of the gastrointestinal, metabolic, immune, hematologic, cardiovascular, respiratory and urinary systems as well as fluid and electrolyte balance.

Prerequisites:

- BIOL2260
- BIOL2261
- BIOL2267
- BIOL2268
- Current American Heart Association Basic Life Support
- Current, clear national background check
- Current, clear Minnesota Department of Health criminal background check
- ENGL1101
- Experience as a nursing assistant as guided by the generic ADN application packet
- NURS1400
- NURS1406
- PSYC2222
- Up-to-date immunizations and health form

NURS1426 - Reproductive Health ..... ***(2 credits)***
This course introduces antepartal, intrapartal, postpartal and neonatal nursing care for the uncomplicated mother and infant. Holistic care and wellness promotion are emphasized, including needs of the family. Nursing care is examined for diverse patients of both genders across the lifespan to maintain and promote reproductive wellness; this includes normal sexuality, management of fertility and reproductive health promotion. Nursing care is examined to maintain and promote wellness for pediatric patients, considering variations based on normal growth and development.

Prerequisites:

- BIOl2260
- BIOL2261
- BIOL2267
- BIOL2268
- Current American Heart Association Basic Life Support
- Current, clear national background check
- Current, clear Minnesota Department of Health criminal background check
- ENGL1101
- Experience as a nursing assistant as guided by the generic ADN application packet
- NURS1400
- NURS1406
- PSYC2222
- Up-to-date immunizations and health form

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NURS2426 - Reproductive Disorders ..... ***(2 credits)***
This course analyzes nursing care of antepartal, intrapartal, postpartal and neonatal conditions for the mother and infant with the focus on complications, illnesses or abnormalities. This course is designed to plan nursing care for patients as they adapt to abnormal reproductive conditions including infectious diseases, infertility, problems with sexual functioning and other dysfunctions of both the male and female reproductive tracts.

Prerequisites:

- BIOL2262
- BIOL2263
- CHEM1100
- Current American Heart Association Basic Life Support
- Current, clear Minnesota Department of Health criminal background check
- Current, clear national background check
- Experience as nursing assistant as guided by the generic ADN application packet
- NURS1415
- NURS1416
- NURS1426
- Up-to-date immunizations and health form

OR

- BIOL2260
- BIOL2261
- BIOL2262
- BIOL2263
- BIOL2267
- BIOL2268
- CHEM1100
- Current American Heart Association Basic Life Support
- Current, clear national background check
- Current, clear Minnesota Department of Health criminal background check
- ENGL1101
- LPN
- NURS2410
- PSYC2222
- Up-to-date immunizations and health form

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NURS2437 - Nursing Clinical II ..... ***(4 credits)***
This clinical course provides the professional nursing student with opportunities to utilize the nursing process in providing individualized patient-centered care to diverse patient populations. An emphasis on evidence-based nursing care and clinical judgment skills, personal identity and behavior, teamwork and collaboration, holism, patient-centered care, safety and quality improvement will be incorporated.

Prerequisites:

- BIOL2262
- BIOL2263
- CHEM1100
- Current American Heart Association Basic Life Support
- Current, clear national background check
- Current, clear Minnesota Department of Health criminal background check
- Experience as a nursing assistant as guided by the generic ADN application packet
- NURS1415
- NURS1416
- NURS1426
- Up-to-date immunizations and health form

OR

- BIOL2260
- BIOL2261
- BIOL2262
- BIOL2263
- BIOL2267
- BIOL2268
- CHEM1100
- Current American Heart Association Basic Life Support
- Current, clear national background check
- Current, clear Minnesota Department of Health criminal background check
- ENGL1101
- LPN
- NURS2410
- PSYC2222
- Up-to-date immunizations and health form

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NURS2438 - Restorative Nursing I ..... ***(4 credits)***
Restorative Nursing I is designed to prepare students to plan nursing care for diverse patients experiencing disorders of the neurological/sensory, musculoskeletal, endocrine, immunological, hematological and gastrointestinal systems. Emphasis is placed on patient-centered care, nursing judgment/evidence-based care, safety and pharmacology.

Prerequisites:

- BIOL2262
- BIOL2263
- CHEM1100
- Current American Heart Association Basic Life Support
- Current, clear national background check
- Current, clear Minnesota Department of Health criminal background check
- Experience as nursing assistant as guided by the generic ADN application packet
- NURS1415
- NURS1416
- NURS1426
- Up-to-date immunizations and health form

OR

- BIOL2260
- BIOL2261
- BIOL2262
- BIOL2263
- BIOL2267
- BIOL2268
- CHEM1100
- Current American Heart Association Basic Life Support
- Current, clear Minnesota Department of Health criminal background check
- Current, clear national background check
- ENGL1101
- LPN
- NURS2410
- PSYC2222
- Up-to-date immunizations and health form

NURS2447 - Nursing Clinical III ..... ***(4 credits)***
This clinical course provides the professional nursing student with opportunities to manage care for diverse patient populations including care planning delegation, supervision, prioritization and continuity of care. Concepts of evidence-based nursing care and clinical judgment skills, personal identity and behavior, teamwork and collaboration, holism, patient-centered care, safety and quality improvement will be interwoven into patient care.

Prerequisites:

- BIOL2202
- Current American Heart Association Basic Life Support
- Current, clear national background check
- Current, clear Minnesota Department of Health criminal background check
- Experience as a nursing assistant as guided by the generic ADN application packet if generic student OR LPN if advanced standing student
- NURS2426
- NURS2437
- NURS2438
- NURS2455
- Up-to-date immunizations and health form

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NURS2448 - Restorative Nursing II ..... ***(3 credits)***
This course is designed to prepare students to plan nursing care for diverse patients experiencing disorders of the cardiovascular, respiratory, renal, fluids/electrolytes/acid/base and integumentary systems. Emphasis is placed on patient-centered care, nursing judgment/evidence-based care, safety and pharmacology.

Prerequisites:

- BIOL2202
- Current American Heart Association Basic Life Support
- Current, clear national background check
- Current, clear Minnesota Department of Health criminal background check
- Experience as a nursing assistant as guided by the generic ADN application packet if generic student OR LPN if advanced standing student
- NURS2426
- NURS2437
- NURS2438
- NURS2455
- Up-to-date immunizations and health form

NURS2455 - Advanced Intravenous Therapy ..... ***(1 credits)***
This lab course focuses on the skills and management of intravenous therapy by the professional nurse. Emphasis is placed on safety, nursing judgment, evidence-based practice, quality improvement and patient-centered care.

Prerequisites:

- BIOL2262
- BIOL2263
- CHEM1100
- Current American Heart Association Basic Life Support
- Current, clear Minnesota Department of Health criminal background check
- Current, clear national background check
- Experience as nursing assistant as guided by the generic ADN application packet
- NURS1415
- NURS1416
- NURS1426
- Up-to-date immunizations and health form

OR

- BIOL2260
- BIOL2261
- BIOL2262
- BIOL2263
- BIOL2267
- BIOL2268
- CHEM1100
- Current American Heart Association Basic Life Support
- Current, clear Minnesota Department of Health criminal background check
- Current, clear national background check
- ENGL1101
- LPN
- NURS2410
- PSYC2222
- Up-to-date immunizations and health form

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NURS2464 - Nursing Leadership ..... ***(1 credits)***
This course is designed to prepare students for their role as nurse leaders. Areas of focus include knowledge and skills necessary to make decisions regarding setting priorities, delegation, management, supervision, teaching, continuity of care, legal parameters of nursing practice and ethical issues in nursing.

Prerequisites:

- Current American Heart Association Basic Life Support
- Current, clear Minnesota Department of Health criminal background check
- Current, clear national background check
- Experience as a nursing assistant as guided by the generic ADN application packet if generic student OR LPN if advanced standing student
- NURS2437
- Up-to-date immunizations and health form

NURS2466 - Mental Health Nursing ..... ***(2 credits)***
This course focuses on the concepts and theories of mental health, mental illness and psycho-pharmacology. Emphasis is placed on relationship-centered care, teamwork, quality and safety for diverse patient populations with psychiatric disorders.

Prerequisites:

- Current American Heart Association Basic Life Support
- Current, clear Minnesota Department of Health criminal background check
- Current, clear national background check
- Experience as a nursing assistant as guided by the generic ADN application packet if generic student OR LPN if advanced standing student
- NURS2437
- Up-to-date immunizations and health form

PSYC2222 - Lifespan Development ..... ***(3 credits)***
Meets MnTC Goal Areas 5 and 9. This course is a study of human development from the lifespan perspective, including theories, stages and influences of development. The course views the individual from conception to death through physical, cognitive, social and emotional development.

SOC1111 - Introduction to Sociology ..... ***(3 credits)***
Meets MnTC Goal Areas 2, 5 and 7. This course is an introduction to the study of societies and the social factors that influence individual and group behavior. The course incorporates sociological and other critical thinking models for the investigation of various components of social life: culture, socialization, social organization, social stratification, social institutions, populations dynamics and social change.

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ASSOCIATE DEGREE NURSING

ASSOCIATE OF SCIENCE (AS) – 64 CREDITS

Program Plan — "Primary"

Locations: Detroit Lakes,Moorhead

1st Fall Term (15 credits)

Courses

Course	Crds
BIOL2262 - Human Anatomy and Physiology II	3
BIOL2263 - Human Anatomy and Physiology II Lab	1
CHEM1100 - Fundamental Concepts of Chemistry	3
NURS1415 - Nursing Clinical I	2
NURS1416 - Nursing Fundamentals II	4
NURS1426 - Reproductive Health	2

1st Spring Term (19 credits)

Courses

Course	Crds
BIOL2260 - Human Anatomy and Physiology I	3
BIOL2261 - Human Anatomy and Physiology I Lab	1
BIOL2267 - Medical Microbiology	3
BIOL2268 - Medical Microbiology Lab	1
ENGL1101 - College Writing	3
NURS1400 - Introduction to Professional Nursing	2
NURS1406 - Nursing Fundamentals I	3
PSYC2222 - Lifespan Development	3

2nd Fall Term (16 credits)

Courses

Course	Crds
NURS2447 - Nursing Clinical III	4
NURS2448 - Restorative Nursing II	3
NURS2464 - Nursing Leadership	1
NURS2466 - Mental Health Nursing	2
SOC1111 - Introduction to Sociology	3

3 credits in one or more of the following:

General Education w/MnTC Goals

2nd Spring Term (14 credits)

Courses

Course	Crds
BIOL2202 - Principles of Nutrition	3
NURS2426 - Reproductive Disorders	2
NURS2437 - Nursing Clinical II	4
NURS2438 - Restorative Nursing I	4
NURS2455 - Advanced Intravenous Therapy	1

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