

Objectives

- Provide the information and credit required for students to continue upper division premedical studies at a four-year college or university.
- Provide coursework basic to a variety of curricula. Students can change their educational goals to other areas, especially in the life sciences, with little or no lost time.

Notes

- Students who plan to transfer to a four-year college or university should consult their faculty and transfer advisors early in their WNCC career to determine a curriculum to best suit their transfer goals.
- In addition to the general education requirements for the AS degree, 38 credits of core courses and 4 credits of electives are required for the degree in pre-medicine.
- Depending on the choice of electives, it is possible that the total credits earned for the AS degree will exceed 60 credit credits.
- Students should understand that the courses included in the lists of core requirements and recommended electives will be required by receiving institutions at some point in their journey to the bachelor's or professional degree.

Core Requirements (38 credits)

- A minimum of 15-16 credits of combined science and math credits are required for the AS degree. This must include a minimum of three (3) credits of math and four (4) credits of science from BIOS, CHEM or PHYS options.

Class		Credits
BIOS-1010	General Biology (and lab)	4
BIOS-1380	General Zoology (and lab)	4
CHEM-1090	General Chemistry I (and lab)	4
CHEM-1100	General Chemistry II (and lab)	4
MATH-1150	College Algebra	4
MATH-1210	Trigonometry	3
MATH-1600	Analytic Geometry and Calculus I	5
PHYS-1300	Physics I (and lab & recitation)	5
PHYS-1350	Physics II (and lab & recitation)	5

Recommended electives or courses required for transfer (4 credits)*:

Class		Credits
BIOS-1160	Intro to Human Anatomy & Physiology (and lab)	4
BIOS-2120	Genetics (and lab)	4

BIOS-2460	Microbiology (and lab)	4
CHEM-2510	Organic Chemistry I (and lab)	4
CHEM-2520	Organic Chemistry II (and lab)	4

*ask academic advisor for specific recommendations

Recommended Plan of Study

1st Semester		Credits
BIOS-1010	General Biology (and lab)	4
CHEM-1090	General Chemistry I (and lab)	4
ENGL-1010	English Composition I	3
MATH-1150	College Algebra	4
Total Credits		15

2nd Semester		Credits
BIOS-1380	General Zoology (and lab)	4
CHEM-1100	General Chemistry II (and lab)	4
ENGL-1020	English Composition II	3
MATH-1210	Trigonometry	3
PRVD-1010	Achieving College Success	3
Total Credits		17

3rd Semester		Credits
BIOS-2120	Genetics (and lab)	4
CHEM-2510	Organic Chemistry I (and lab)	4
MATH-1600	Analytic Geometry and Calculus I	5
PHYS-1300	Physics I (and lab & recitation)	5
Total Credits		18

4th Semester		Credits
CHEM-2520	Organic Chemistry II (and lab)	4
PHYS-1350	Physics II (and lab & recitation)	5
	Humanities GE elective	3
	Oral Communication GE elective	3
	Social Sciences GE elective	3
Total Credits		18
Total AS Credits		68

Nursing (Associate's Degree)

ADN.5116 (72 Credits)

Associate Degree

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The associate degree program in nursing (ADNR) prepares qualified students with the skills needed to enter the profession of nursing. The program consists of four semesters of nursing courses. Theory and practice proceeds from simple to complex allowing the student to

develop into a safe and competent practitioner who can function as part of the health care team. Students with an unencumbered LPN license may be able to pursue advanced placement in the program and should discuss the options with their faculty advisor.

After successful completion of the program graduates are eligible to take the National Council Licensure Examination for Registered Nursing (NCLEX-RN). The Nursing (Associate Degree) Program is approved by the Nebraska State Board of Nursing, P.O. Box 95007, Lincoln, NE 68509, 402.471.4971.

Technical Standards

Nursing is a profession which requires not only the accumulation of research-based nursing knowledge, but also the development of technical skills, professional attitudes, and professional behavior. These established technical standards are provided to the prospective student as a guide to the expected level of competency during the completion of a nursing program in preparation for a career in nursing. Graduates of the WNCC Nursing Program will be able to:

- **Critical Thinking**

Apply knowledge and experience in the determination of appropriate patient care. Examples of situations in which the nurse must apply critical thinking include prioritizing patient care, making safe judgments related to medication administration, and dealing effectively with interpersonal conflict.

- **Direct Care**

Apply knowledge and experience in the assessment of patients in order to assess and provide direct nursing care services. Examples include assisting patients in repositioning and walking, performance of CPR, and providing care and close monitoring for extended periods of time.

- **Collection of Patient Information**

Apply knowledge and experience in the assessment of patients in order to perform nursing care. Examples include assessing heart and lung sounds, examining the skin and wound conditions, noting abnormal odors that may indicate illness, and palpating organs.

- **Communication**

Effectively communicate in English both verbally and in written form with patients, patient families, and other health care professionals. Examples include teaching patients and/or families about medications, documenting in the health care record, and reporting changes in conditions to the health care provider.

- **Professional Attitude and Behavior**

Demonstrate a commitment to an environment of mutual respect, trust, integrity, and reliability in interactions with patients, their families, and other healthcare professionals. Examples of professional attitude and behavior include on-time attendance at assigned shifts, choosing to be an active member of the team by not working in a chemically impaired state or performing personal business and/or communication at work, and by accepting responsibility for one's actions.

- **Safety**

Apply knowledge and experience in the assessment of safety in patient care treatment and environment. Examples of safety in nursing care include accurately calculating or confirming medication dosages, noting items in the patient care environment that may create a physical hazard, ensuring asepsis, and responding appropriately in the event of a threatening situation. Demonstrate proficiency in and strict adherence to guidelines for the provision of care. Clearly articulate job responsibilities and limitations during patient care, depending upon the level of education, training, and licensure.

Objectives

At the conclusion of the WNCC Associate Degree Nursing Program, the student:

- Analyzes care practices and processes to minimize risk of harm to patients, self and the health care team.
- Coordinates holistic patient-centered care for groups of patients.
- Compares professional communication skills that facilitate shared decision-making in provision of patient-centered care and in promoting effective team functioning.
- Analyzes findings from current evidence-based practice for use in provision of patient-centered care and in the improvement of clinical processes and systems.
- Demonstrates values and beliefs consistent with professional standards, ethics and legal regulations in the practice of nursing while adhering to established college and clinical agency policies and procedures.

Notes

- The ADN program is a merit based selective admission program. Class selection will occur following the spring semester.

- Students must attain a minimum cumulative prerequisite GPA of 3.0 and earn a minimum grade of “C” on all required prerequisites.
- Students must complete the following required entrance exams with the listed minimum score:
 - ATI Critical Thinking Exam with a score of 60 or higher.
 - ATI TEAS Exam with a score of proficiency level or higher.
- Current LPN’s may advance place into the second year of the associate degree program. Contact the Nursing Department for specific requirements.
- Students must have a current BNA on the Nebraska registry or registry in the students’ state of residency.
- Students must demonstrate math competency either by ACCUPLACER® score or having completed MATH-1010 (Intermediate Algebra) and being College Algebra ready.
- All students provisionally accepted into the program are required to undergo a criminal background check as part of the admission process. Acceptance into the program is contingent upon completion of the background check and immunization requirements.
- For additional information about the admission requirements to the program, contact the Nursing Department at 308.635.6060 or visit the Health Sciences Division office in the John N. Harms Center on the Scottsbluff campus.

Full-Time (Traditional Student)

Required Prerequisites

- Students must have a current BNA on the Nebraska registry or registry in the students’ state of residency.
- Students must demonstrate math competency either by ACCUPLACER® score or having completed MATH-1010 (Intermediate Algebra) and being College Algebra ready.

Class		Credits
BIOS-2250	Human Anatomy and Physiology I (and lab)	4
BIOS-2260	Human Anatomy and Physiology II (and lab)	4
BIOS-2460	Microbiology	4
CHEM-1050	Introductory Chemistry	4
ENGL-1010	English Composition I	3
PSYC-1810	Introduction to Psychology	3
PSYC-2150	Life Span: Growth and Development	3
Total Prerequisite Credits		25

Recommended Plan of Study

1st Year (fall)		Credits
ADNR-1112	Fundamentals of Nursing Practice	5
ADNR-1132	Pathophysiology I	2
ADNR-1160	Health Assessment	2
BIOS-2050	Nutrition and Diet Therapy*	3
Total Credits		12

*Can be taken as a prerequisite course.

1st Year (spring)		Credits
ADNR-1122	Principles of Pharmacology I	2
ADNR-1134	Pathophysiology II	2
ADNR-1141	Adult Health and Illness I	4
ADNR-1151	Adult Health and Illness II	4
Total Credits		12

2nd Year (fall)		Credits
ADNR-2112	Care of the Older Adult	2.5
ADNR-2122	Principles of Pharmacology II	2
ADNR-2126	Psychiatric/Mental Health Nursing	3
ADNR-2141	Adult Health & Illness III	4
Total Credits		11.5

2nd Year (spring)		Credits
ADNR-2124	Principles of Pharmacology III	1
ADNR-2134	Maternal Child Nursing	3.5
ADNR-2151	Adult Health and Illness IV	3.5
ADNR-2175	Transition to Practice	3.5
Total Credits		11.5
Total AS Credits		72

Full-Time (Advanced Placement Option)

Required Prerequisites

- Students must have current unencumbered LPN license.
- Students must demonstrate math competency either by ACCUPLACER® score or having completed MATH-1010 (Intermediate Algebra) and being College Algebra ready.
- The ADN advanced placement option is a merit based selective admission program. Class selection will occur following the spring semester.
- Students must attain a minimum cumulative prerequisite GPA of 3.0 and earn a minimum grade of “C” on all required prerequisites.

- Students must complete the following required entrance exams with the listed minimum score:
 - ATI Critical Thinking Exam with a score of 60 or higher.
 - HESI-LPN to ADN Entrance Exam with a score of 850 or higher.

Courses		Credits
ADNR-1132	Pathophysiology I	2
ADNR-1134	Pathophysiology II	2
BIOS-2050	Nutrition & Diet Therapy	3
BIOS-2250	Human Anatomy and Physiology I (and lab)	4
BIOS-2260	Human Anatomy and Physiology II (and lab)	4
BIOS-2460	Microbiology	4
CHEM-1050	Introductory Chemistry	4
ENGL-1010	English Composition I	3
PSYC-1810	Introduction to Psychology	3
PSYC-2150	Life Span: Growth and Development	3

Recommended Plan of Study for Second Year with Advanced Placement

2nd Year (fall)		Credits
ADNR-1160	Health Assessment*	2
ADNR-2112	Care of the Older Adult	2.5
ADNR-2122	Principles of Pharmacology II	2
ADNR-2126	Psychiatric/Mental Health Nursing	3
ADNR-2141	Adult Health & Illness III	4
Total Credits		13.5

* Can be taken as a prerequisite course.

2nd Year (spring)		Credits
ADNR-2124	Principles of Pharmacology III	1
ADNR-2134	Maternal Child Nursing	3.5
ADNR-2151	Adult Health and Illness IV	3.5
ADNR-2175	Transition to Practice	3.5
Total Credits		11.5

Nursing (Practical)

DI.5116A (46.5 Credits)

Diploma

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This three-semester program is designed to prepare the student to become a licensed practical nurse capable of providing nursing care under the supervision of a licensed healthcare professional. Theory and practice are integrated into a sequence of selected learning

experiences proceeding from the simple to complex in such a manner as to produce a competent, safe practitioner.

After successful completion of the program, the student is eligible to take the National Council Licensure Examination for Practical Nursing (NCLEX-PN). The Practical Nursing Program is approved by the Nebraska Board of Nursing, P.O. Box 95007, Lincoln, NE 68509, 402.471.4917 and accredited by the Accreditation Commission for Education in Nursing, 3343 Peachtree Rd. NE, Suite 850, Atlanta, GA 30326, 404.975.5000, acenursing.org.

Technical Standards

Nursing is a profession that requires not only the accumulation of research-based nursing knowledge, but also the development of technical skills, professional attitudes, and professional behavior. These established technical standards may act as a guide to the prospective student to the expected level of competency during the completion of a nursing program in preparation for a career in nursing. Graduates of the WNCC Nursing Program will:

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- **Direct Care**

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- **Collection of Patient Information**

Apply knowledge and experience in the assessment of patients in order to perform nursing care. Examples include assessing heart and lung sounds, examining the skin and wound conditions, noting abnormal odors that may indicate illness, and palpating organs.

- **Communication**

Effectively communicate in English both verbally and in written form with patients, patient families, and other health care professionals. Examples include teaching patients and/or families about medications, documenting in the health care record, and reporting changes in conditions to the health care provider.