- Provide the first two years of study for programs that require more than two years of pre-professional study for admission to a school of medical technology.
- 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, 33 credits of core courses and 9 credits of electives are required for the degree in pre-medical technology.
- 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 (33 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
PHYS-1300	Physics I (and lab & recitation)	5
PHYS-1350	Physics II (and lab & recitation)	5

Recommended electives or courses required for transfer (9 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

Recommended Plan of Study

1st Semester		Credits
BIOS-1010	General Biology (and lab)	4
CHEM-1090	General Chemistry I (and lab0	4
ENGL-1010	English Composition I	3
MATH-1150	College Algebra	4
PRDV-1010	Achieving College Success	3
	Total Credits	**18**
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
	Social Sciences GE elective	3
	Total Credits	**17**
3rd Semester		**Credits**
CHEM-2510	Organic Chemistry I (and lab)	4
PHYS-1300	Physics I (and lab & recitation)	5
	Humanities GE elective	3
	Oral Communication GE elective	3
	Total Credits	**15**
4th Semester		**Credits**
BIOS-2460	Microbiology (and lab)	4
CHEM-2520	Organic Chemistry II (and lab)	4
PHYS-1350	Physics II (and lab & recitation)	5
	Total Credits	**13**
	Total AS Credits	**63**

(Pre) Medicine

AS.5111A (68 Credits)
Associate of Science
Scottsbluff

This emphasis area constitutes the first two years of the study required for admission to a college of medicine.

Students need to be aware that earning the Associate of Science degree is just the first step in the pursuit of a professional career in a medical field. Most advanced degrees in these areas require upwards of eight or more years of study.

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
Alliance • Scottsbluff • Sidney

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