

Nursing (Pre-Professional)

AS.5116B (62 Credits)

Associate of Science

Scottsbluff

This emphasis area provides students with the basic courses for entry into four-year professional nursing programs. The courses are applicable to various other related programs in the life sciences and medical fields.

Objectives

- Provide students with a detailed understanding of the structure and function of the human body.
- Provide students with basic chemical principles applicable to the human body.
- Provide students with an appreciation for those environmental phenomena that affect the human body.
- Provide students with an opportunity to learn the principles by which humans interact with others.

Notes

- Students wishing to transfer to the University of Nebraska Medical Center (UNMC) need to contact an advisor at UNMC for specific requirements about admission to the university and the program.
- Application to the BSN program is processed through UNMC, not through WNCC. General advising of the required prerequisite courses while at WNCC is provided by faculty in the Nursing program in the Division of Health Sciences at WNCC.
- Some courses have prerequisites. Students are responsible for meeting the prerequisites for the course(s) they select.

Core Requirements (26 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-20150	Diet and Nutrition Therapy	3
BIOS-2250	Human Anatomy & Physiology I (with lab)	4
BIOS-2260	Human Anatomy & Physiology II (with lab)	4
BIOS-2460	Microbiology (with lab)	4
CHEM-1050	Introductory Chemistry (with lab)	4
MATH-1150	College Algebra	4
MATH-2170	Applied Statistics	3

Recommended electives or courses required for transfer (16 credits):

UNMC requires six (6) social studies courses, any one of which satisfies the WNCC core social science requirement. Three (3) of the course are specified and three (3) of the courses offer selection of courses

Class		Credits
PSYC-1810	Introduction to Psychology	3
PSYC-2150	Life Span: Human Growth & Development	3
SOCI-1010	Introduction to Sociology	3
	Political Science and Social Organizations (see advisor)	3
	Family & Human Behavior (see advisor)	3
	Culture, Race, Ethnicity & Gender (see advisor)	3

UNMC requires the following humanities course, which also satisfies the WNCC humanities requirement:

Class		Credits
BSAD-2450	Business Ethics	3
	or	
PHIL-1060	Intro to Ethics and Current Issues In Philosophy	3

Recommended Plan of Study

1st Semester		Credits
BIOS-2250	Human Anatomy and Physiology I (and lab)	4
ENGL-1010	English Composition I	3
MATH-1150	College Algebra	4
PRDV-1010	Achieving College Success	3
Total Credits		14

2nd Semester		Credits
BIOS-2260	Human Anatomy and Physiology II (and lab)	4
BIOS-2460	Microbiology (and lab)	4
ENGL-1020	English Composition II	3
PSYC-1810	Introduction to Psychology	3
SOCI-1010	Introduction to Sociology	3
Total Credits		17

3rd Semester		Credits
CHEM-1050	Introductory Chemistry	4
PSYC-2150	Life Span: Human Growth & Development	3
	Culture, Race, Ethnicity & Gender elective	3

Political Science & Social Organization elective	3
Elective	3
Total Credits	16

4th Semester	Credits
BIOS-2050 Nutrition and Diet Therapy	3
MATH-2170 Applied Statistics	3
Oral Communications GE elective	3
Ethics elective	3
Family & Human Behavior elective	3
Total Credits	15
Total AS Credits	62

(Pre) Pharmacy

AS.5111B (66 Credits)

Associate of Science

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The pre-pharmacy emphasis area is designed to prepare students for transfer to four-year colleges and universities associated with medical schools. The program is reflective of requirements from the University of Nebraska Medical Center (UNMC).

A pre-pharmacy Associate of Science degree provides students with the first two (2) years of study required for admission to an accredited pre-pharmacy program.

Students need to be aware that earning the Associate of Science degree is just the first step in 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 students with the necessary information and credit to transfer directly to a school providing upper-division pre-pharmacy studies at a four-year college or university and ultimately acceptance into the graduate level programs in a chosen field.
- Provide students with coursework basic to a variety of curricula. Students will be able to change easily their educational goals to other areas, especially in the life sciences, with little or no lost time or earned credits.
- Provide a basic knowledge of the physical sciences so that the student can develop an understanding of the physical and chemical properties of the drugs encountered in the pharmaceutical profession.
- Provide basic knowledge of the biological sciences so that the student has an understanding of the effects of drugs on the human body.

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 best suited to their transfer goals.
- In addition to the general education requirements for the AS degree, 28 credits of core courses and 14 credits of electives are required for the degree in pre-pharmacy.
- 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 choose electives based on the recommendations of the college of pharmacy to which the student plans to apply.
- 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 (28 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 & Calculus I	5

Recommended electives or courses required for transfer (14 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