

2nd Semester		Credits
BIOS-1010	General Biology (and lab)	4
ENGL-1020	English Composition II	3
	First of 12-Hour Series	3
	Second of 12-Hour Series	3
	Social Sciences elective	3
	Total Credits	16
3rd Semester		Credits
BIOS-2050	Nutrition & Diet Therapy	3
BIOS-2250	Human Anatomy & Physiology I (and lab)	4
CHEM-1090	General Chemistry I (and lab)	4
	Third of 12-Hour Series	3
	Social Science elective	3
	Total Credits	17
4th Semester		Credits
BIOS-2260	Human Anatomy & Physiology II (and lab)	4
CHEM-1100	General Chemistry II (and lab)	4
	Fourth of 12-Hour Series	3
	Humanities elective	3
	Oral Communication GE elective	3
	Total Credits	17
	Total AS Credits	66

(Pre) Dentistry

AS.5111 (63 Credits)
Associate of Science
Scottsbluff

This emphasis area constitutes the first two years of the pre-professional study required for admission to a college of dentistry.

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 the knowledge and skills required for a student to continue upper division pre-dental 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, 33 credits of core courses and nine (9) credits of electives are required for the degree in pre-dentistry.
- 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 coursework 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 selected from below):

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 lab)	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
Total Credits		14
3rd Semester		Credits
BIOS-2120	Genetics (and lab)	4
CHEM-2510	Organic Chemistry I (and lab)	4
PHYS-1300	Physics I (and lab & recitation)	5
	Oral Communication GE elective	3
Total Credits		16
4th Semester		Credits
CHEM-2520	Organic Chemistry II (and lab)	4
PHYS-1350	Physics II (and lab & recitation)	5
	Humanities GE elective	3
	Social Sciences GE elective	3
Total Credits		15
Total AS Credits		63

Dietetics

AS.1905 (64 Credits)

Associate of Science

Alliance • Scottsbluff • Sidney

The dietetics emphasis area allows students to complete two years of study at WNCC and then continue their studies leading toward a bachelor of science degree in Human Resources and Family Science with a major in Dietetics at the University of Nebraska – Lincoln (UNL). The “Transfer with Ease” brochure is available from a WNCC counselor or advisor.

Objectives

- Provide the first two years of study toward a bachelor of science degree in dietetics.
- Provide students the first two years of study toward becoming practitioners in clinical, community, and food service.

Notes

- Students who plan to transfer to a four-year college or university should consult their faculty advisor and transfer advisor early in their WNCC career to determine a curriculum to best suit their transfer

goals. Careful consideration should be given to the course requirements of the dietetics program at UNL.

- Students who plan to transfer to UNL are encouraged to apply for admission early in their program. ACE elective classes can be taken through UNL during the students’ time at WNCC to lessen the credit load in the fourth semester and additionally guarantee maximum credit transfer.
- UNL accepts 60 credit credits toward the eventual bachelor of applied science degree. College Algebra transfers as three (3) credits rather four (4). Trigonometry transfers as two (2) credits rather than three (3).
- UNL requires additional ACE electives. These can be taken through UNL as soon as students apply for and are accepted for admission to UNL. These courses can also be taken while at WNCC. Courses offered at WNCC that satisfy the UNL ACE 9 requirement are:

Class		Credit
HIST-2100	World Civilization (4000 BC – 1500 AD)	3
HIST-2110	World Civilization (1500 AD – Present)	3
POLS-2390	International Relations	3

- UNL prefers SPCH-1110 (Public Speaking) as the oral communication elective.
- HLTH-1060 (Medical Terminology) is recommended.
- In addition to the general education requirements for the AS degree, 34 credits of core courses and eight (8) credits of electives are required for the degree in dietetics.
- 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 (34 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-2050	Diet and Nutrition Therapy	3