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|---------------------|--|----------------|
| ENGL-1010 | English Composition I | 3 |
| | Social Science GE elective | 3 |
| | Total Credits | 15 |
| 3rd Semester | | Credits |
| CRIM-2110 | Juvenile Justice | 3 |
| CRIM-2180 | Criminal Justice Organization and Management | 3 |
| | Math GE elective | 3 |
| | Criminal Justice electives | 6 |
| | Total Credits | 15 |
| 4th Semester | | Credits |
| CRIM-2200 | Criminology | 3 |
| CRIM-2260 | Criminal Investigations | 3 |
| | Criminal Justice electives | 9 |
| | Total Credits | 15 |
| | Total AAS Credits | 60 |

(Pre) Dental Hygiene

AS.5106 (66 Credits) Associate of Science Scottsbluff

The pre-dental hygiene program is designed to provide students with a foundational course of study preparing them for admission to a four-year degree program at an accredited school or college of dental hygiene.

Objectives

- To provide an education that includes basic sciences including microbiology, chemistry, pathology, and anatomy and physiology to develop the skills necessary for a dental hygienist.
- To prepare students for transfer to a degree program from an accredited school or college of dental hygiene.

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, 27 credits of core courses and 15 credits of electives are required for the degree in pre-dental hygiene.
- If entering the dental hygiene program at the University of Nebraska Medical Center (UNMC) a 12-hour series of coursework must be completed in a specific area of study. The courses taken in the 12-hour series must have the same course prefix.

- Courses listed with an asterisk are required to obtain an Associate of Science degree from WNCC. It is not a requirement for transfer directly into the UNMC dental hygiene program.
- Depending on the student's 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 degree.

Core Requirements (27 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-2050 | Diet and Nutrition Therapy | 3 |
| BIOS-2250 | Human Anatomy and Physiology I (and lab) | 4 |
| BIOS-2260 | Human Anatomy and Physiology II (and lab) | 4 |
| CHEM-1090 | General Chemistry I (and lab) | 4 |
| CHEM-1100 | General Chemistry II (and lab) | 4 |
| MATH-1150 | College Algebra | 4 |

Recommended electives or courses required for transfer (15 credits):

- UNMC requires a "12-hour series" to be completed in a specific area of study. These 12 credits represent a "minor" to be completed along with the prerequisites for the dental Hygiene program. As an example, a student could complete 12 credits of classes with the PSYC prefix to satisfy the requirement. UNMC does not specify what discipline the 12 credits should be in.
- UNMC requires an additional six (6) credits of social science credit and three (3) credits of humanities credit.

Recommended Plan of Study

| 1st Semester | | Credits |
|--------------|-----------------------------|-----------|
| ENGL-1010 | English Composition I | 3 |
| MATH-1150 | College Algebra | 4 |
| PRDV-1010 | Achieving College Success | 3 |
| | Humanities GE elective | 3 |
| | Social Sciences GE elective | 3 |
| | Total Credits | 16 |

| 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 |