

**Instructions:** 1) Cross out programs you are familiar with and not interested in. 2) Put a star (\*) by programs that match your interests, skills, values, etc. 3) Put a question mark (?) by those that are unfamiliar to you. 4) Use the [UWL Course Catalog](#) to learn more about the programs you did not cross out.

- Accountancy
- Archaeological studies
- Archaeological studies: cultural anthropology emphasis
- Art
- Art education (grades K-12)
- Biochemistry with ASBMB certification
- Biology
- Biology: aquatic science concentration
- Biology: biomedical science concentration
- Biology: conservation biology concentration
- Biology: molecular genetics and cell biology concentration
- Biology: plant and fungal biology concentration
- Biology: zoology and animal physiology concentration
- Broadfield social studies education (grades 4-12)
- Broadfield social studies education (grades 4-12): history concentration
- Broadfield social studies education (grades 4-12): political science concentration
- Broadfield social studies education (grades 4-12): sociology concentration
- Business analytics
- Chemistry
- Chemistry with ACS certification
- Chemistry: business concentration
- Chemistry: environmental science concentration
- Chemistry: science education (grades 4-12) concentration
- Clinical laboratory science
- Communication studies: interpersonal communication emphasis
- Communication studies: media studies emphasis
- Communication studies: organizational and professional communication emphasis
- Communication studies: public communication and advocacy emphasis
- Computer engineering
- Computer science
- Computer science: artificial intelligence emphasis
- Computer science: computer engineering technology emphasis
- Computer science: cybersecurity emphasis
- Data science major
- Early Childhood Education (birth - grade 3) and Special Education (birth - grade 3)
- Economics (CASSH or CBA)
- Elementary/Middle Education (grades K-9)
- Elementary/Middle Education (grades K-9) and French Education (grades K-12)
- Elementary/Middle Education (grades K-9) and Spanish Education (grades K-12)
- Elementary/Middle Education (grades K-9) and Special Education (grades K-12)
- Elementary/Middle Education (grades K-9) and Teaching English to Speakers of Other Languages (grades K-12)
- Engineering physics
- English: literary and cultural studies emphasis
- English: medical professions emphasis
- English: writing and rhetoric studies emphasis
- English education (grades 4-12)
- English education (grades 4-12) and teaching English to speakers of other languages (grades K-12)
- Environmental science: environmental biology track
- Environmental science: environmental chemistry track
- Environmental science: environmental geospatial techniques track
- Environmental science: environmental microbiology track
- Exercise and sport science: exercise science fitness track
- Exercise and sport science: exercise science pre-professional track
- Exercise and sport science: sport management emphasis
- Exercise and sport science: physical, adapted, and school health education (grades K-12)
- Finance
- Finance: personal financial planning concentration
- Finance: risk, insurance, & financial planning concentration
- Food and nutrition sciences
- French
- French: business concentration
- French education (grades K-12)
- French education (grades K-12) and teaching English to speakers of other languages (grades K-12)
- Geography: environmental science concentration
- Geography: geographic information science concentration
- Geography: humans and the environment emphasis
- History
- Information systems
- International business
- Management

- Marketing
- Mathematics
- Mathematics: applied emphasis
- Mathematics education (grades 4-12)
- Microbiology
- Microbiology: business concentration
- Microbiology: environmental science concentration
- Microbiology: medical microbiology and immunology concentration
- Music: composition and creation emphasis
- Music: jazz performance emphasis
- Music: performance emphasis
- Music education: choral and general music emphasis (grades K-12)
- Music education: instrumental and general music emphasis (grades K-12)
- Nuclear medicine technology
- Outdoor, recreation, tourism and event management major: community-based recreation emphasis
- Outdoor, recreation, tourism and event management major: generalist emphasis
- Outdoor, recreation, tourism and event management: outdoor recreation emphasis
- Outdoor, recreation, tourism and event management: tourism and event management emphasis
- Philosophy
- Physics
- Physics: applied physics emphasis
- Physics: astronomy emphasis
- Physics: biomedical concentration
- Physics: business concentration
- Physics: computational physics emphasis
- Physics: optics emphasis
- Physics: science education (grades 4-12) concentration
- Political science
- Public administration
- Public health and community health education
- Psychology
- Race, gender, and sexuality studies
- Radiologic science: diagnostic medical sonography with echocardiography/vascular emphasis
- Radiologic science: diagnostic medical sonography with general/vascular emphasis
- Radiologic science: radiation therapy emphasis
- Radiologic science: radiologic technology emphasis
- Recreational therapy
- Sociology
- Spanish
- Spanish education major (grades K-12)
- Spanish education (grades K-12) and teaching English to speakers of other languages (grades K-12)
- Statistics major
- Statistics: actuarial science concentration
- Theatre arts: arts administration emphasis
- Theatre arts: design/technical emphasis
- Theatre arts: multidisciplinary studies emphasis
- Theatre arts: musical theatre emphasis
- Theatre arts: performance emphasis
- Theatre arts: stage management emphasis

## Dual Degree Programs (Undergraduate + Graduate)

Dual degree programs allow students to earn two degrees in a shorter timeframe by counting some required courses toward both degrees. The undergraduate portion of the dual degree program is usually considered the undergraduate student's first major.

- Biology (BS) & physical therapy (DPT)
- Chemistry (BS) & engineering (BS)
- Clinical laboratory science (BS) & clinical microbiology (MS)
- Computer science (BS) & engineering (BS)
- Computer science (BS) & software engineering (MSE)
- Computer science: cybersecurity (BS) & software engineering (MSE)
- Exercise science: pre-professional track (BS) & athletic training (MS)
- Mathematics (BS) & engineering (BS)
- Physics (BS) & engineering (BS)
- Physics (BS) & physical therapy (DPT)
- Recreation management: community-based recreation (BS) & recreation management (MS)
- Recreation management: generalist (BS) & recreation management (MS)
- Recreation management: outdoor recreation (BS) & recreation management (MS)
- Recreation management: tourism/event management (BS) & recreation management (MS)
- Statistics (BS) & applied statistics (MS)
- Therapeutic recreation (BS) & therapeutic recreation (MS)

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A **minor** is a secondary area of study with fewer requirements than a major and may complement the major or simply be a subject the student finds interesting. Students may be required to complete one or more minors, depending on which college their first major resides in. Students are also welcome to complete a minor even if it is not required, as long as the minor is open to students of that major.

- [Accountancy](#)
- [Anthropology](#)
- [Archaeological studies](#)
- [Art](#)
- [Art history](#)
- [Art therapy](#)
- [Artificial intelligence](#)
- [Biology](#)
- [Business administration](#) (open to non-CBA majors only).
- [Business analytics](#)
- [Chemistry](#)
- [Child and youth care](#)
- [Chinese studies](#)
- [Coaching competitive athletics](#)
- [Communication studies: interpersonal communication emphasis](#)
- [Communication studies: media studies emphasis](#)
- [Communication studies: organizational and professional communication emphasis](#)
- [Communication studies: public communication and advocacy emphasis](#)
- [Communication, writing, and critical reasoning](#)
- [Computational science](#)
- [Computer science](#)
- [Creative writing](#)
- [Criminal justice](#)
- [Cybersecurity](#)
- [Dance](#)
- [Digital media studies and design](#)
- [Earth science](#)
- [Economics](#)
- [English language and literature](#)
- [Ethics](#)
- [French](#)
- [General science for teachers \(ECE or EME majors only\)](#)
- [Geography: geographic information science concentration](#)
- [Geography: humans and the environment emphasis](#)
- [Geoarchaeology](#)
- [Healthcare analytics management](#)
- [History](#)
- [Inclusive recreation \(open to non-rec therapy majors\)](#)
- [Information systems](#)
- [International business](#)
- [International and global studies](#)
- [Leadership development](#)
- [Legal studies](#)
- [Linguistics](#)
- [Literary and cultural studies](#)
- [Mathematics](#)
- [Mathematics for teachers \(open to ECE or EME majors only\)](#)
- [Microbiology](#)
- [Military science](#)
- [Music minor](#)
- [Music performance](#)
- [Neuroscience interdisciplinary](#)
- [Nutrition](#)
- [Outdoor and recreation management](#)
- [Outdoor and recreation management for recreational therapy majors](#) (open recreational therapy majors only)
- [Philosophy](#)
- [Photography](#)
- [Physics](#)
- [Physics with astronomy emphasis](#)
- [Political science](#)
- [Professional and technical writing](#)
- [Psychology](#)
- [Public administration](#)
- [Race, gender, and sexuality studies](#)
- [Social justice](#)
- [Sociology](#)
- [Spanish](#)
- [Statistics](#)
- [Sustainability and environmental studies minor](#)
- [Sustainable business minor](#) (open to CBA majors only)
- [Teaching English to speakers of other languages](#)
- [Theatre arts: arts administration emphasis](#)
- [Theatre arts: design/technical emphasis](#)
- [Theatre arts : multidisciplinary emphasis](#)
- [Theatre arts minor: performance emphasis](#)
- [Theatre arts minor: stage management emphasis](#)
- [Tourism and event management](#)

**Minor-to-master pathways** provide undergraduate students the opportunity to earn graduate credit that will count towards a graduate program at UWL. Students opting to complete a minor-to-master's pathway must still select a primary undergraduate major.

- **Outdoor and recreation management minor to Master of Science in recreation management**
- **Outdoor and recreation management minor to Master of Science in recreation management for recreational therapy majors**
- **Tourism and event management minor to Master of Science in recreation management**

## Certificates

An undergraduate **certificate** at UWL is a secondary area of study with fewer requirements than either a major or a minor, but which cannot be completed without a major unless the student has already earned a baccalaureate degree. Students may be required to complete one or more certificates, depending on which college their first major resides in. Students are also welcome to complete a certificate even if it is not required, as long as the certificate is open to students of that major.

- **Artificial intelligence certificate**
- **Chinese proficiency certificate**
- **Computer programming certificate**
- **Database modeling certificate**
- **Environmental microbiology certificate**
- **Food microbiology certificate**
- **French proficiency certificate**
- **Geography certificate: geographic information science concentration**
- **Gerontology certificate**
- **Hmong and Hmong-American studies certificate**
- **Human rights and criminal justice certificate**
- **Medical microbiology and immunology certificate**
- **Professional and technical writing certificate**
- **Russian studies certificate**
- **Spanish for business and organizations certificate**
- **Spanish for the health professions certificate**
- **Web design certificate**
- **Web developer certificate**

## Microcredentials (CBA majors only)

**Microcredentials** are optional programs smaller than a minor or certificate and narrower in focus. Currently, only students in the UWL College of Business Administration (CBA) may enroll in the following microcredentials:

- **Addressing inequity microcredential**
- **Advocating for equity microcredential**
- **Identifying diversity microcredential**

## Pre-Professional Tracks

**Pre-professional tracks** are optional programs intended to help advise students in the common requirements for graduate professional programs. Pre-professional programs do not earn students a credential but instead help prepare them for graduate school. Students opting to declare a pre-professional track must still select a primary undergraduate major.

- **Pre-athletic training**
- **Pre-chiropractic**
- **Pre-dentistry**
- **Pre-engineering**
- **Pre-genetic counseling**
- **Pre-law**
- **Pre-medicine**
- **Pre-occupational therapy**
- **Pre-optometry**
- **Pre-pharmacy**
- **Pre-physical therapy**
- **Pre-physician assistant studies**
- **Pre-veterinary**