

Majors, Minors, and Other Programs

Browse the alphabetical list of majors, minors, and other programs in the grid below or select a particular college or school to find the undergraduate programs that relate to a particular college/school. List is current as of July 2023.

UWL Colleges and Schools

- College of Business Administration (CBA) (<http://catalog.uwlax.edu/undergraduate/businessadministrationcba/#MajorsMinors>)
- College of Arts, Social Sciences, and Humanities (CASSH) (<http://catalog.uwlax.edu/undergraduate/artssocialsciencesandhumanities/>)
 - School of Visual and Performing Arts (VPA) (<http://catalog.uwlax.edu/undergraduate/artssocialsciencesandhumanities/#MajorsMinors>)
- College of Science and Health (CSH) (<http://catalog.uwlax.edu/undergraduate/scienceandhealth/#MajorsMinors>)
- School of Education (SOE) (<http://catalog.uwlax.edu/undergraduate/education/#Majors>)

Alphabetical list of majors, minors, and other programs

UWL offers several different graduate degrees and certificates covering a wide range of disciplines. Graduate programs are included in the below list, and more details can be found in the graduate catalog (<http://catalog.uwlax.edu/graduate/programrequirements/>).

A complete list of dual degree programs and undergraduate pre-professional tracks are listed at the end. Dual degree programs are also in the main list. Pre-professional tracks are not majors and therefore are not in the main list.

Program	College / School	B.A.	B.S.	Minor	Teacher Cert.	Graduate
Accountancy	CBA		✓	✓		
Adapted Physical Education	CSH					✓ ¹
Adventure/ Outdoor Pursuits	CSH					✓ ¹
Anthropology	CASSH			✓		
Archaeological Studies	CASSH	✓	✓	✓		
# Cultural Anthropology Emphasis	CASSH	✓	✓			
Art	VPA	✓	✓	✓		
# Education	VPA		✓		✓	
Art History	VPA			✓		
Art Therapy	VPA			✓		
Associate of Arts Degree (A.A.)	all colleges					
At-Risk Child & Youth Care	CASSH			✓		

Athletic Training	CSH					✓
Biochemistry w/ ASBMB Certification	CSH		✓			
Biology	CSH	✓	✓	✓		✓
# Aquatic Science Concentration	CSH	✓	✓			✓
# Biomedical Science Concentration	CSH	✓	✓			
# Cellular and Molecular Biology Concentration	CSH					✓
# Environmental Science Concentration	CSH	✓	✓			✓
# Molecular Genetics and Cell Biology Concentration	CSH	✓	✓			
# Nurse Anesthesia Concentration	CSH					✓
# Physiology Concentration	CSH					✓
# Plant & Fungal Biology Concentration	CSH	✓	✓			
# Science Education	CSH		✓		✓	
# Bachelor of Science in Biology & Doctor of Physical Therapy Dual Degree Program	CSH		✓			✓
Broadfield Social Studies Education	CASSH		✓		✓	
# History Concentration	CASSH		✓		✓	
# Political Science Concentration	CASSH		✓		✓	
# Sociology Concentration	CASSH		✓		✓	
Business Administration	CBA					✓ ²
Business Analytics	CBA		✓	✓		
Chemistry	CSH		✓	✓		
# ACS Certification	CSH		✓			
# Business Concentration	CSH		✓			
# Environmental Science Concentration	CSH		✓			

# Science Education	CSH	✓	✓	
# Bachelor of Science in Chemistry & Bachelor of Science in Engineering Dual Degree Program ³	CSH	✓✓		
Chinese Studies ⁴	CASSH		✓	
Clinical Exercise Physiology	CSH			✓
Clinical Laboratory Science	CSH	✓		
# Bachelor of Science in Clinical Laboratory Science & Master of Science in Clinical Microbiology Dual Degree Program	CSH	✓		✓
Coaching Competitive Athletics ⁵	CSH			
Communication Studies	CASSH			
# Interpersonal Communication Emphasis	CASSH	✓	✓	✓
# Media Studies Emphasis	CASSH	✓	✓	✓
# Organizational & Professional Communication Emphasis	CASSH	✓	✓	✓
# Public Communication & Advocacy Emphasis	CASSH	✓	✓	✓
Communication, Writing, and Critical Reasoning	CSH		✓	
Computational Science	CSH		✓	
Computer Engineering	CSH	✓		
Computer Science	CSH	✓	✓	
# Computer Engineering Technology Emphasis	CSH	✓		

# Cybersecurity Emphasis	CSH		✓	
# Bachelor of Science in Computer Science & Bachelor of Science in Engineering Dual Degree Program ³	CSH		✓✓	
# Bachelor of Science in Computer Science & Master of Software Engineering Dual Degree Program	CSH		✓	✓
# Bachelor of Science in Computer Science: Cybersecurity & Master of Software Engineering Dual Degree Program	CSH		✓	✓
Creative Writing	CASSH		✓	
Criminal Justice	CASSH		✓	
Cybersecurity ⁶	CASSH			✓
Dance	VPA		✓	
Data Science ^{4,6}	CSH			✓
Digital Media Studies & Design	CASSH		✓	
Digital Marketing	CBA			
# Digital Marketing Analytics Certificate ^{6,7}	CBA			✓
# Digital Marketing Management Certificate ^{6,7}	CBA			✓
Earth Science	CSH		✓	
Economics (CBA)	CBA		✓	✓
Economics (CASSH)	CASSH	✓	✓	
Education, teacher certification - see Teacher Education				
English	CASSH			
# Education	CASSH		✓	✓

# Language and Literature	CASSH		✓	
# Literary and Cultural Studies Emphasis	CASSH	✓		✓
# Medical Professions Emphasis	CASSH	✓	✓	
# Writing & Rhetoric Studies Emphasis	CASSH	✓		
Ethics	CASSH			✓
Exercise and Sport Science	CSH			
# Exercise Science Emphasis: Fitness Track	CSH		✓	
# Exercise Science Emphasis: Pre-Professional Track	CSH		✓	
# Physical, Adapted, and School Health Education (PASHE)	CSH	✓		✓
# Physical Education Teaching	CSH			✓ ⁸
# Sport Management Emphasis	CSH		✓	
# Bachelor of Science in Exercise Science: Pre-Professional Track & Master of Science in Athletic Training Dual Degree Program	CSH	✓		✓
Finance	CBA		✓	
# Risk, Insurance & Financial Planning Concentration	CBA		✓	
Financial Technology (FinTech)	CSH			✓
# Emerging Technologies in FinTech Certificate ^{6,7}	CSH			✓
# Leading FinTech Transformation Certificate ^{6,7}	CSH			✓

French ⁴	CASSH	✓		✓
# Business Concentration	CASSH	✓		
# Education	CASSH		✓	✓
# Education & Teaching English to Speakers of Other Languages	CASSH		✓	✓
General Science for Teachers	CSH			✓
Geography	CSH			
# Environmental Science Concentration	CSH	✓	✓	
# Fundamentals of Geographic Information Science Certificate ⁹	CSH			✓
# Geographic Information Science Concentration ⁴	CSH	✓	✓	✓
# Humans and the Environment Emphasis	CSH	✓	✓	
Geoarchaeology	CSH			✓
German Studies	CASSH	✓		✓
# Business Concentration	CASSH	✓		
Gerontology Certificate ¹⁰	CASSH			
Healthcare Administration ⁶	CSH			✓
# Senior Living and Services Leadership Certificate (http://catalog.uwlax.edu/graduate/programrequirement/healthcareadmin/senior-living-and-services-leadership-certificate/) ^{6,7}	CSH			✓
Healthcare Analytics Management	CBA			✓
History	CASSH			✓
# Regional Emphasis	CASSH	✓	✓	
# Topical Emphasis	CASSH	✓	✓	
# World History	CASSH	✓	✓	

Hmong and Hmong-American Studies Certificate ¹⁰	CASSH				
Human Rights and Criminal Justice Certificate ¹⁰	CASSH				
Human and Environmental Geography	CSH		✓		
Inclusive Recreation	CSH		✓		
Information Systems	CBA	✓	✓		
Information Technology Management ⁶	CSH				✓
# Enterprise Infrastructure Certificate ^{6,7}	CSH				✓
# IT Leadership Certificate ^{6,7}	CSH				✓
# IT Operations Certificate ^{6,7}	CSH				✓
International Business	CBA	✓	✓		
International and Global Studies	CASSH		✓		
Leadership Development	CASSH		✓		
Legal Studies	CASSH		✓		
Linguistics	CASSH		✓		
Management	CBA	✓			
Marketing	CBA	✓			
Mathematics	CSH	✓	✓	✓	
# Applied Emphasis	CSH	✓	✓		
# Education	CSH	✓		✓	
# Bachelor of Science in Mathematics & Bachelor of Science in Engineering Dual Degree Program ³	CSH	✓✓			
Mathematics for Teachers	CSH		✓		
Medical Dosimetry	CSH				✓
Microbiology	CSH	✓	✓		✓
# Biomedical Concentration	CSH	✓			
# Business Concentration	CSH	✓			
# Clinical Microbiology Concentration	CSH				✓
# Environmental Concentration	CSH		✓		
Military Science	CASSH			✓	
Music	VPA			✓	
# Education: Choral & General Music Education Emphasis	VPA	✓		✓	
# Education: Instrumental & General Music Education Emphasis	VPA	✓		✓	
# Jazz Performance Emphasis	VPA	✓	✓		
# Performance Emphasis	VPA	✓	✓		
# Piano Pedagogy	VPA	✓	✓		
# Theory Emphasis	VPA	✓	✓		
Music Performance	VPA				✓
Neuroscience (Interdisciplinary)	CASSH				✓
Nuclear Medicine Technology	CSH		✓		
Nutrition	CSH				✓
Occupational Therapy	CSH				✓
Philosophy	CASSH	✓	✓	✓	
Photography	VPA				✓
Physical Therapy	CSH				✓
Physician Assistant Studies	CSH				✓
Physics	CSH	✓	✓	✓	
# Applied Emphasis	CSH		✓		
# Astronomy Emphasis	CSH	✓	✓	✓	
# Biomedical Concentration	CSH		✓		
# Business Concentration	CSH		✓		
# Computational Physics Emphasis	CSH		✓		
# Optics Emphasis	CSH		✓		
# Science Education	CSH		✓		✓

# Bachelor of Science in Physics & Bachelor of Science in Engineering Dual Degree Program ³	CSH	√√		
# Bachelor of Science in Physics & Doctor of Physical Therapy Dual Degree Program	CSH	√		√
Political Science ¹¹	CASSH	√	√	√
Professional & Technical Writing ⁴	CASSH			√
Psychology	CASSH	√	√	√
Public Administration	CASSH	√	√	√
Public Health and Community Health Education	CSH		√	√ ⁶
Race, Gender, and Sexuality Studies	CASSH	√	√	√
Radiologic Science	CSH			
# Radiation Therapy Emphasis	CSH		√	
# Radiologic Technology Emphasis	CSH		√	
# Diagnostic Medical Sonography with Echocardiography/Vascular Emphasis	CSH		√	
# Diagnostic Medical Sonography with General/Vascular Emphasis	CSH		√	
Recreation Management	CSH		√	√
# Community-Based Recreation Emphasis	CSH		√	
# Generalist Emphasis	CSH		√	

# Outdoor Recreation Emphasis	CSH		√	
# Professional Development	CSH			√
# Tourism and Event Management Emphasis	CSH		√	√
# Bachelor of Science in Recreation Management (four emphasis options) & Master of Science in Recreation Management Dual Degree Program	CSH		√	√
## Community-Based Recreation Emphasis	CSH		√	√
## Generalist Emphasis	CSH		√	√
## Outdoor Recreation Emphasis	CSH		√	√
## Tourism and Event Management Emphasis	CSH		√	√
Recreational Therapy	CSH		√	√
# Bachelor of Science in Recreational Therapy & Master of Science in Recreational Therapy Dual Degree Program	CSH		√	√
Russian Studies Certificate ¹⁰	CASSH			
School Psychology ¹²	CASSH			√
Social Justice	CASSH			√
Sociology	CASSH	√	√	√
Society, Health, and Medicine Certificate ¹⁰ (not currently accepting new students)	CASSH			
Software Engineering	CSH			√
Spanish	CASSH	√		√
# Education	CASSH		√	√

# Education & Teaching English to Speakers of Other Languages	CASSH	✓	✓
Spanish for Business and Organizations Certificate ¹⁰	CASSH		
Spanish for Health Professions Certificate ¹⁰	CASSH		
Statistics	CSH	✓	✓
# Actuarial Science Concentration	CSH	✓	
# Applied Statistics	CSH		✓
# Bachelor of Science in Statistics & Master of Science in Applied Statistics Dual Degree Program	CSH	✓	✓
Student Affairs Administration in Higher Education ¹³	CASSH		✓
Student Affairs Administration and Leadership ⁶	CASSH		✓
# Higher Education Leadership Certificate ^{6,7}	CASSH		✓
Sustainability and Environmental Studies	CASSH		✓
Sustainable Business	CBA		✓
Teacher Education Programs, undergraduate:	SOE		
# Early Childhood Education (birth - grade 3)	SOE	✓	✓
# Elementary/ Middle Education (grades K-9)	SOE	✓	✓

# Elementary/ Middle Education (grades K-9) & French Education (grades K-12)	SOE	✓	✓
# Elementary/ Middle Education (grades K-9) & Spanish Education (grades K-12)	SOE	✓	✓
# Elementary/ Middle Education (grades K-9) & Special Education (grades K-12)	SOE	✓	✓
# Elementary/ Middle Education (grades K-9) & Teaching English to Speakers of Other Languages (grades K-12)	SOE	✓	✓
# Middle/ High School Education (grades 4-12)	CASSH, CSH	✓ ¹⁴	✓
# Grades K-12 Education	CASSH	✓ ¹⁵	✓
Teacher Education Programs, graduate: ¹⁶	SOE		
# Director of Instruction (5010) Add-Certification	SOE		✓
# Educational Leadership (5051) Certificate ⁷	SOE		✓
# Professional Learning Community Certificate ⁷	SOE		✓
# Professional Development - Learning Community Emphasis	SOE		✓

# Professional Development - Educational Leadership Emphasis	SOE				✓
# Reading, non-certification	SOE				✓
# Reading Teacher (1316)	SOE		✓		✓ ¹⁷
# Reading Specialist (5017)	SOE		✓ ¹⁸		✓
# Reading Teacher (1316) and Reading Specialist (5017)	SOE		✓		✓
# Special Education Certificate ⁷	SOE		✓		✓
Teaching English to Speakers of Other Languages	SOE		✓	✓ ¹⁹	✓ ¹⁹
Theatre Arts	VPA				
# Arts Administration Emphasis	VPA	✓	✓	✓	
# Design/Technical Emphasis	VPA	✓	✓	✓	
# General Emphasis	VPA	✓	✓	✓	
# Musical Theatre Emphasis	VPA	✓	✓		
# Performance Emphasis	VPA	✓	✓	✓	
# Stage Management Emphasis	VPA	✓	✓	✓	

- ¹ Emphasis available only with M.S. ESS Phy Ed Teaching program. The M.S. Phy Ed Program with the Adventure/Outdoor Pursuits Emphasis is offered in both in-person and hybrid/blended formats.
- ² Open for non-CBA majors only.
- ³ The engineering program & the second Bachelor of Science degree are offered through a partnering institution. Contact the UWL department offering the dual degree program to find out more.
- ⁴ Certificate also available.
- ⁵ Concentration only. Open to all majors.
- ⁶ Online program only.
- ⁷ Graduate certificate only.
- ⁸ Program includes emphasis options in Adapted Physical Education and Adventure/Outdoor Pursuits. The M.S. with Adventure/Outdoor Pursuits Emphasis is offered in both in-person and hybrid/blended formats.
- ⁹ Graduate certificate. Only open to degree-seeking UWL graduate students.
- ¹⁰ Open to degree-seeking, undergraduate students only. Available as certificate only.

- ¹¹ All courses included in this major's requirements may be taken online.
- ¹² Inperson and online options available.
- ¹³ Hybrid/blended (in-person and online courses) and online programs available.
- ¹⁴ Middle/high school education majors housed in the respective content department. Departments include: Biology, Chemistry, English, History, Mathematics, Political Science, Physics, and Sociology.
- ¹⁵ Grades K-12 education majors housed in the respective content department. Departments include: Art, Exercise and Sport Science, Music, and Global Cultures and Languages (French & Spanish).
- ¹⁶ Online, hybrid, and face-to-face options available.
- ¹⁷ Reading Teacher (1316) Certificate available.
- ¹⁸ Reading Specialist (5017) add-on certification available.
- ¹⁹ Graduate certificate only. Only completing the graduate certificate qualifies candidates for teacher certification in this area.

Dual Degree Programs:

(College of Science and Health)

Programs	Degrees
Biology & Physical Therapy	BS/DPT
Chemistry & Engineering	BS/BS
Clinical Laboratory Science & Clinical Microbiology	BS/MS
Computer Science & Engineering	BS/BS
Computer Science & Software Engineering	BS/MSE
Computer Science: Cybersecurity Emphasis & Software Engineering	BS/MSE
Computer Science: Embedded Systems Emphasis & Software Engineering	BS/MSE
Exercise Science: Pre-Professional Track & Athletic Training	BA/BS
Mathematics & Engineering	BS/BS
Physics & Engineering	BS/BS
Physics & Physical Therapy	BS/DPT
Recreation Management: Community-Based Recreation & Recreation Management	BS/MS
Recreation Management: Generalist & Recreation Management	BS/MS
Recreation Management: Outdoor Recreation & Recreation Management	BS/MS
Recreation Management: Tourism/Event Management & Recreation Management	BS/MS
Statistics & Applied Statistics	BS/MS
Therapeutic Recreation	BS/MS

Pre-Professional Fields:

(College of Science and Health)

Pre-Athletic Training
 Pre-Chiropractic
 Pre-Clinical Exercise Physiology

- Pre-Dentistry
- Pre-Engineering
- Pre-Forestry
- Pre-Genetic Counseling
- Pre-Medical Dosimetry
- Pre-Medicine
- Pre-Occupational Therapy
- Pre-Optometry
- Pre-Osteopathic Medicine
- Pre-Pharmacy
- Pre-Physical Therapy
- Pre-Physician Assistant Studies
- Pre-Podiatry
- Pre-Veterinary

(College of Arts, Social Sciences, and Humanities)

Pre-Law