

Teachers change lives - they can open new worlds for students and inspire them to reach their goals. The **Secondary Education degree** prepares students to teach in both public and private middle, junior high, and high schools. Western's teaching preparation focuses on current and innovative teaching theories including the implementation of a service learning project, technology inclusion, and project based learning. The education program also provides the introduction to many important skills and elements of the teaching profession. The development and understanding of which are essential for future success such as: classroom management, special education, lesson design, and educational psychology. The students experience hands-on what it means to be a secondary education teacher because the program provides them the opportunity to participate in public school classroom activities as a practicum student. These experiences have a four-pronged focus: they introduce theories and pedagogical skills that are learned during classes are applied and reinforced by the teachers, they give students real-world teaching practices, they help students decide about their future teaching careers, and they lay the academic foundation needed before entering a bachelor's degree program. Students wanting to enter the teaching field must obtain at least a bachelor's degree in education. Therefore, Western's education program has specific pathways that will create a seamless transfer to any university in the country upon the successful completion of the associate degree requirements.

### Degree Requirements

#### Freshman Year - Fall Semester

▪ EDFD 1101 - Intro to Education	Credits: 3	
▪ Oral Communication	Credits: 3	
▪ MATH 1400 - College Algebra	Credits: 3	
▪ Western Experience	Credits: 1	
▪ ENGL 1010 - English Composition I	Credits: 3	
▪ Teaching Subject Focus	Credits: 3	<i>Subtotal: 16</i>

*Freshman Year - Fall Semester Notes: In addition to ENGL 1010, students may be required to also take ENGL 1011 (2 credits) due to placement, adding 2 additional credits to their graduation total. Math majors should take MATH 2200 instead of College Algebra.*

#### Freshman Year - Spring Semester

▪ Natural Sciences	Credits: 4	
▪ EDCI 2440 - Classroom Management	Credits: 2	
▪ EDFD 2020 - Foundations of Education	Credits: 3	
▪ ENGL 2019 - Writing Studies	Credits: 3	
▪ Teaching Subject Focus	Credits: 3	<i>Subtotal: 15</i>

*Freshman Year - Spring Semester Notes: Natural Sciences: students may take a course from group 1 or a course from both Natural Sciences group 2 and group 3. Science and Physical Education majors should take BIOL 1010 and then, with your advisor, choose a course from Natural Science group 3. A course from both Natural Science group 2 AND group 3 may substitute for BIOL 1002. ENGL 1020 or ENGL 2005 may be substituted for ENGL 2019.*

#### Sophomore Year - Fall Semester

▪ EDFD 2100 - Educational Psychology	Credits: 3	
▪ EDUC 2100 - Practicum in Teaching	Credits: 2	
▪ ITEC 2360 - Teaching With Technology	Credits: 3	
▪ Creative Expression	Credits: 3	
▪ Teaching Subject Focus	Credits: 3	<i>Subtotal: 14</i>

*Sophomore Year - Fall Semester Notes: Creative Expression: English majors should take ENGL 2040, ENGL 2050, or THEA 1100.*

### Sophomore Year - Spring Semester

▪ EDEX 2484 - Introduction to Special Education	Credits: 3	
▪ Human Societies and the Individual	Credits: 3	
▪ Human Cultures	Credits: 3	
▪ Teaching Subject Focus	Credits: 6	Subtotal: 15

*Sophomore Year - Spring Semester Notes: Human Societies and the Individual: Social Studies majors should take POLS 1000. Human Cultures: Social Studies majors should take ECON 1010; Spanish majors should take SPAN 1010; English majors should take ENGL 2340; all other majors should take PSYC 1000. All education majors must complete a background check during their first semester in the program by Week 8 (midterms) in order to continue in the education program.*

**Total Credit Hours: 60**

### Art Teaching Focus - (minimum 15 credits)

▪ ART 1005 - Drawing I	Credits: 3
▪ ART 1110 - Foundation: Two-Dimensional	Credits: 3
▪ ART 1120 - Foundation: Three-Dimensional	Credits: 3
▪ ART 1130 - Foundation: Color Theory	Credits: 3
▪ ART 1150 - Black and White Film Photography I	Credits: 3
▪ ART 2005 - Drawing II	Credits: 3
▪ ART 2010 - Art History I	Credits: 3
▪ ART 2020 - Art History II	Credits: 3
▪ ART 2090 - Printmaking I	Credits: 3
▪ ART 2145 - Digital Photography I	Credits: 3
▪ ART 2210 - Painting I	Credits: 3
▪ ART 2220 - Painting II	Credits: 3
▪ ART 2310 - Sculpture I	Credits: 3
▪ ART 2410 - Ceramics I	Credits: 3
▪ ART 2420 - Ceramics II	Credits: 3
▪ ART 2430 - Ceramics III	Credits: 3
▪ ART 2440 - Ceramics IV	Credits: 3
▪ ART 2445 - Ceramic Studio	Credits: 1-3

### Business Teaching Focus- (minimum 15 credits)

▪ ACCT 2010 - Principles of Accounting I	Credits: 4
▪ ACCT 2020 - Principles of Accounting II	Credits: 4
▪ BADM 1000 - Intro to Business	Credits: 3
▪ BADM 2010 - Legal Environment of Business	Credits: 3
▪ BADM 2040 - e-Commerce	Credits: 3
▪ BADM 2105 - Small Business Management	Credits: 3
▪ BADM 2195 - Entrepreneurship	Credits: 3
▪ BUSN 2000 - Intro to International Business	Credits: 3
▪ DSCI 3210 - Intro to Operations and Supply Chain Management	Credits: 3
▪ ECON 1010 - Macroeconomics	Credits: 3
▪ ECON 1020 - Microeconomics	Credits: 3
▪ FIN 1000 - Personal Finance	Credits: 3
▪ FIN 2100 - Corporate Finance	Credits: 3
▪ MATH 2350 - Business Calculus	Credits: 4
▪ MATH 2355 - Mathematical Applications for Business	Credits: 4
▪ MGT 1000 - Introduction to Supervision	Credits: 3
▪ MGT 3010 - Personal Leadership	Credits: 3
▪ MGT 3210 - Management and Organization	Credits: 3

- MKT 1400 - Customer Service Credits: 3
- MKT 3210 - Principles of Marketing Credits: 3
- STAT 2010 - Business Statistics Credits: 4

**Computer Science Teaching Focus - (minimum 15 credits)**

- COSC 1010 - Intro to Computer Science Credits: 4
- COSC 1030 - Computer Science I Credits: 4
- COSC 1100 - Computer Science Principles and Practice Credits: 3
- COSC 1350 - Web Development I Credits: 3
- COSC 1360 - PC Support Technician Credits: 4
- COSC 2030 - Computer Science II Credits: 4
- COSC 2300 - Discrete Structures Credits: 3
- COSC 2350 - Web Development II Credits: 3
- COSC 2409 - Programming: Credits: 3
- COSC 2800 - Computer Science Portfolio/Capstone Credits: 1-3

**English Teaching Focus - (minimum 15 credits)**

Earning an English education degree will prepare you for a rewarding career teaching English courses to middle school and high school students; usually grades 7-12. English teachers play an important role in the educational development of students focusing on the ability to problem solve, think critically, and explore ideas relating to the world around them and in society. The ideal candidate for this profession will be patient, service oriented, with good communication skills and an ability to encourage others. The job requires dependability, integrity, and adaptability. Many schools offer an English education degree online which can allow a student to study on their own time and at their own pace, often while maintaining regular employment.

- ENGL 1020 - English Composition II Credits: 3
- ENGL 2005 - Writing in Technology and the Sciences Credits: 3
- ENGL 2019 - Writing Studies Credits: 3
- ENGL 2040 - Creative Writing: Credits: 3
- ENGL 2050 - Creative Writing: Fiction I Credits: 3
- ENGL 2060 - Creative Writing: Fiction II Credits: 3
- ENGL 2064 - Creative Writing: Journaling Credits: 3
- ENGL 2065 - Creative Writing: Memoir Writing Credits: 3
- ENGL 2080 - Creative Writing: Poetry I Credits: 3
- ENGL 2081 - Creative Writing: Poetry II Credits: 3
- ENGL 2091 - Creative Writing: Publishing Your Work Credits: 1
- ENGL 2250 - Women in Literature Credits: 3
- ENGL 2310 - American Literature I Credits: 3
- ENGL 2320 - American Literature II Credits: 3
- ENGL 2340 - Native American Culture and Literature Credits: 3
- ENGL 2470 - Film Appreciation Credits: 3

**Math Teaching Focus - (minimum 15 credits)**

Earning a mathematics education degree will prepare you for a rewarding career teaching mathematics courses to middle school and high school students; usually grades 7-12. Math teachers play an important role in the educational development of students focusing on the ability to problem solve, think critically, and explore ideas relating to math. The ideal candidate for this profession will be patient, service oriented, with good communication skills and an ability to encourage others. The job requires dependability, integrity and adaptability. Many schools offer a mathematics education degree online which can allow a student to study on their own time and at their own pace, often while maintaining regular employment.

- MATH 1405 - Trigonometry Credits: 3
- MATH 2200 - Calculus I Credits: 4

- MATH 2205 - Calculus II Credits: 4
- MATH 2210 - Calculus III Credits: 4
- MATH 2250 - Elementary Linear Algebra Credits: 4
- MATH 2300 - Discrete Structures Credits: 3
- MATH 2310 - Applied Differential Equations Credits: 3
- STAT 2050 - Fundamentals of Statistics Credits: 4

**PE Teaching Focus - (minimum 15 credits)**

- BIOL 1010 - General Biology Credits: 4
- BIOL 2010 - Human Anatomy & Physiology I Credits: 4
- BIOL 2015 - Human Anatomy & Physiology II Credits: 4
- CHEM 1000 - Introductory Chemistry Credits: 4
- HLED 1003 - Wellness Credits: 3
- HLED 1140 - Nutrition Credits: 3
- KIN 2230 - Sports and Exercise Psychology Credits: 3
- PHYS 1050 - Concepts of Physics Credits: 4
- PSYC 1000 - General Psychology Credits: 3
- PSYC 2210 - Drugs and Behavior Credits: 3
- STAT 2050 - Fundamentals of Statistics Credits: 4

**Science Teaching Focus - (minimum 15 credits)**

Earning a science education degree will prepare you for a rewarding career teaching science courses to middle school and high school students; usually grades 7-12. Science teachers must choose a specific field in which to focus. It is not common to earn a degree that allows teachers to teach any science. Future teachers looking to go into this profession should be prepared to choose a focus such as biology, or chemistry, or physics, etc. Science teachers play an important role in the educational development of students focusing on the ability to problem solve, think critically, and to better understand the natural world. The ideal candidate for this profession will be patient, service oriented, with good communication skills and an ability to encourage others. The job requires dependability, integrity, and adaptability. Many schools offer a science education degree online which can allow a student to study on their own time and at their own pace, often while maintaining regular employment.

- BIOL 1002 - Discovering Science Credits: 4
- BIOL 1003 - Current Issues in Biology Credits: 4
- BIOL 1006 - Biology for Non-Stem Majors Credits: 4
- BIOL 1010 - General Biology Credits: 4
- BIOL 1390 - Introduction to Science Research I Credits: 4
- BIOL 2010 - Human Anatomy & Physiology I Credits: 4
- BIOL 2015 - Human Anatomy & Physiology II Credits: 4
- BIOL 2022 - Animal Biology Credits: 4
- BIOL 2023 - Plant and Fungal Biology Credits: 4
- BIOL 2390 - Introduction to Science Research II Credits: 4
- BIOL 2400 - General Ecology Credits: 3
- BIOL 2410 - Introduction to Field Ecology Credits: 2
- BIOL 2450 - Principles of Fish & Wildlife Management Credits: 3
- CHEM 1000 - Introductory Chemistry Credits: 4
- CHEM 1020 - General Chemistry I Credits: 4
- CHEM 1030 - General Chemistry II Credits: 4
- CHEM 2230 - Quantitative Analysis Credits: 5
- CHEM 2300 - Introductory Organic Chemistry Credits: 4
- CHEM 2420 - Organic Chemistry I Credits: 4
- CHEM 2440 - Organic Chemistry II Credits: 4
- MOLB 2210 - General Microbiology Credits: 4
- PHYS 1050 - Concepts of Physics Credits: 4

- PHYS 1110 - General Physics I Credits: 4
- PHYS 1120 - General Physics II Credits: 4
- PHYS 1310 - College Physics I Credits: 4
- PHYS 1320 - College Physics II Credits: 4

**Social Studies Teaching Focus - (minimum 15 credits)**

Earning a social studies education degree will prepare you for a rewarding career teaching history, government, geography, economics, and political science courses to middle school and high school students; usually grades 7-12. Social studies teachers play an important role in the educational development of students focusing on the ability to problem solve, think critically, and explore ideas relating to the world around them and in society. The ideal candidate for this profession will be patient, service oriented, with good communication skills and an ability to encourage others. The job requires dependability, integrity, and adaptability. Many schools offer a social studies education degree online which can allow a student to study on their own time and at their own pace, often while maintaining regular employment.

- ANTH 1200 - Introduction to Cultural Anthropology Credits: 3
- ANTH 1300 - Introduction to Archaeology Credits: 3
- ANTH 2000 - Introduction to Linguistics Anthropology Credits: 3
- ANTH 2200 - World Culture Credits: 3
- ANTH 2210 - North American Indians Credits: 3
- ECON 1010 - Macroeconomics Credits: 3
- ECON 1020 - Microeconomics Credits: 3
- HIST 1211 - US to 1865 Credits: 3
- HIST 1221 - US from 1865 Credits: 3
- HIST 1251 - Wyoming History Credits: 3
- HIST 1290 - History of the US West Credits: 3
- HIST 1320 - World History to 1750 Credits: 3
- HIST 1330 - World History Since 1750 Credits: 3
- HIST 1410 - Introduction to American Environmental History Credits: 3
- HIST 2005 - The Era of the American Revolution: 1763-1800 Credits: 3
- HIST 2018 - The New Nation: 1800-1860 Credits: 3
- HIST 2059 - Introduction to Historical Research Credits: 1-3
- HIST 2060 - Topics in History Credits: 1-3
- HIST 2085 - Nazi Germany Credits: 3
- HIST 2290 - History of North American Indians Credits: 3
- HIST 2455 - Introduction to the Civil War and Reconstruction Credits: 3
- PHIL 1000 - Introduction to Philosophy Credits: 3
- POLS 1000 - American & Wyoming Government Credits: 3
- POLS 1100 - Wyoming Government Credits: 1
- POLS 1200 - Non-Western Political Cultures Credits: 3
- POLS 2000 - Current Issues in American Government Credits: 3
- POLS 2128 - Terrorism Credits: 3
- POLS 2250 - Latin American Studies Credits: 3
- POLS 2310 - Introduction to International Relations Credits: 3
- POLS 2380 - Topics in Political Science Credits: 1-3
- POLS 2460 - Introduction to Political Philosophy Credits: 3
- POLS 2470 - Internship: Political Science Credits: 1-4
- PSYC 1000 - General Psychology Credits: 3
- PSYC 2000 - Research Psychology Methods Credits: 4
- PSYC 2070 - Evolutionary Psychology Credits: 3
- PSYC 2080 - Biological Psychology Credits: 3
- PSYC 2125 - Forensic Psychology Credits: 3
- PSYC 2210 - Drugs and Behavior Credits: 3

▪ PSYC 2250 - Introduction to Health Psychology	Credits: 3
▪ PSYC 2300 - Developmental Psychology	Credits: 3
▪ PSYC 2340 - Abnormal Psychology	Credits: 3
▪ PSYC 2380 - Social Psychology	Credits: 3
▪ PSYC 2470 - Internship: Psychology	Credits: 1-3
▪ PSYC 2485 - Psychology Seminar	Credits: 1-4
▪ SOC 1000 - Sociological Principles	Credits: 3
▪ SOC 1080 - Introduction to Women's Studies	Credits: 3
▪ SOC 1100 - Social Problems and Issues	Credits: 3
▪ SOC 1500 - Introduction to Rural Sociology	Credits: 3
▪ SOC 2200 - Sociology of Human Sexuality	Credits: 3
▪ SOC 2325 - Marriage and the Family	Credits: 3
▪ SOC 2350 - Race & Ethnic Relations	Credits: 3

**Spanish Teaching Focus - (minimum 15 credits)**

Earning a foreign language education degree will prepare you for a rewarding career teaching foreign language courses to middle school and high school students; usually grades 7-12. Foreign language teachers play an important role in the educational development of students focusing on the ability to problem solve, think critically, and to explore cultures and ideas outside of their own.

▪ ANTH 2000 - Introduction to Linguistics Anthropology	Credits: 3
▪ POLS 2250 - Latin American Studies	Credits: 3
▪ SPAN 1010 - First Year Spanish I	Credits: 4
▪ SPAN 1020 - First Year Spanish II	Credits: 4
▪ SPAN 2030 - Second Year Spanish I	Credits: 4
▪ SPAN 2040 - Second Year Spanish II	Credits: 4
▪ SPAN 2140 - Introduction to Reading	Credits: 3

*Courses only count towards one category, such as general educational requirement, or teaching focus. All courses must be completed with a "C" or better to earn the A.S. degree in Secondary Education.*