

## Undergraduate Degrees, Majors, and Options

The following are the undergraduate degrees offered at Washington State University. Following the degree, majors are listed with bullets, and any options offered within the major are noted in parenthesis. Degrees that are offered exclusively at the regional campuses (Spokane, Tri-Cities, Vancouver, or through WSU Online) are noted. Not all degrees or majors listed are offered at every WSU campus. Students with questions about degree programs should consult with a representative at the specific campus for additional information.

### College of Agricultural, Human, and Natural Resource Sciences

Agricultural and Food Systems, Bachelor of Science

- Agricultural and Food Business Economics
- Agricultural Education
- Agricultural Technology and Production Management
- Agriculture and Food Security
- Organic Agriculture Systems

Animal Sciences, Bachelor of Science

- Animal Sciences (options: Animal Management; and Pre-Veterinary Medicine/Science)

Apparel, Merchandising, and Textiles, Bachelor of Arts

- Apparel, Merchandising, and Textiles (options: Apparel Design; and Merchandising)

Economic Sciences, Bachelor of Science

- Economic Sciences (options: Agricultural Economics; Business Economics; Economics, Policy and Law; Environmental and Resource Economics; Financial Markets; International Economics and Development; and Quantitative Economics)

Food Science, Bachelor of Science

- Food Science (options: General; and Fermentation Science)

Human Development, Bachelor of Arts

- Human Development (options: General; and Family and Consumer Science)

Integrated Plant Sciences, Bachelor of Sciences

- Agricultural Biotechnology
- Field Crop Management
- Fruit and Vegetable Management
- Landscape, Nursery, and Greenhouse Management
- Turfgrass Management
- Viticulture and Enology

### College of Arts and Sciences

#### — Arts

Anthropology, Bachelor of Arts

- Anthropology

Asian Studies, Bachelor of Arts

- Asian Studies

Comparative Ethnic Studies, Bachelor of Arts

- Comparative Ethnic Studies

Criminal Justice and Criminology, Bachelor of Arts

- Criminal Justice and Criminology

Digital Technology and Culture, Bachelor of Arts

- Digital Technology and Culture (options: Digital Technology and Culture, Pullman campus; and Creative Media and Digital Culture, Vancouver campus)

English, Bachelor of Arts

- English (options: Literary Studies; Rhetoric and Professional Writing; Creative Writing; Teaching with Certification; and Teaching without Certification)

Fine Arts, Bachelor of Arts

- Fine Arts (BA) (options: Art History; and Studio Fine Arts)

Fine Arts, Bachelor of Fine Arts

- Fine Arts (BFA)

Foreign Languages and Cultures, Bachelor of Arts

- Chinese Language and Culture (options: General)
- French (options: General; and Teaching)
- Japanese (options: General)
- Spanish (options: General; and Teaching)

History, Bachelor of Arts

- History (options: General; Pre-Law; and Teaching)

Humanities, Bachelor of Arts

- Humanities (General Studies options: International Area Studies; Linguistics; Plan A; Plan B; and Religious Studies)

Music, Bachelor of Arts (BA)

- Music

Music, Bachelor of Music (BMus)

- Music Composition
- Music Education (options: Choral / General Secondary Education; Choral / Instrumental / General Secondary Education; Instrumental / General Secondary Education; and Elective Studies in Education)
- Music Performance (options: Brass, Percussion, Strings, Winds; Jazz Studies; Keyboard; Keyboard with Elective Studies in Pedagogy; and Voice)

Philosophy, Bachelor of Arts

- Philosophy (options: General; and Pre-Law)

Political Science, Bachelor of Arts

- Political Science (options: General; Pre-Law; and Global Politics)

Public Affairs, Bachelor of Arts (Vancouver)

- Public Affairs

Social Sciences, Bachelor of Arts

- Social Sciences (General Studies options: Personnel Psychology/Human Resources (Vancouver only); Plan A; and Plan B)

Social Studies, Bachelor of Arts

- Social Studies

Sociology, Bachelor of Arts

- Sociology

Women's Studies, Bachelor of Arts

- Women's Studies

#### — Sciences

Biology, Bachelor of Science

- Biology (options: General; Botany; Ecology and Evolutionary Biology; Entomology; Pre-Physical Therapy, Pre-Occupational Therapy, and Pre-Physician Assistant; and Teaching)

Chemistry, Bachelor of Science

- Chemistry (options: Materials; Professional; and Teaching)

Data Analytics, Bachelor of Science

- Data Analytics (options: Actuarial Science; Agriculture and Environmental Systems; Business; Computation; Economics; Life Sciences; Physical Sciences; and Social Sciences)

Earth and Environmental Science, Bachelor of Science

- Earth Sciences
- Environmental and Ecosystem Sciences
- Forestry
- Wildlife Ecology and Conservation Sciences (options: Basic; and Pre-Vet)

Mathematics, Bachelor of Science

- Mathematics (options: Actuarial Science; Applied Mathematics; Statistics; Theoretical Mathematics; Secondary Mathematics Teaching with Certification; and Secondary Mathematics Teaching without Certification)

Physics, Bachelor of Science

- Physics (options: Astrophysics; and Standard)

Psychology, Bachelor of Science

- Psychology

Science, Bachelor of

- General Studies, Science (options: Basic Medical; Biological; Mathematical; and Physical)

Zoology, Bachelor of Science

- Zoology (options: General; Pre-Medicine/Pre-Dentistry; and Pre-Veterinary/Animal Care)

## College of Business

Business Administration, Bachelor of Arts

- Accounting
- Business Administration (Vancouver and Tri-Cities campuses only)
- Entrepreneurship
- Finance
- International Business
- Management (options: Human Resource Management; and Innovation and Change)
- Management Information Systems
- Marketing

Hospitality Business Management, Bachelor of Arts

- Hospitality Business Management
- Wine Business Management

## College of Communication

Communication, Bachelor of Arts

- Communication and Society (options: Communication Technology; Risk and Crisis Communication; and Science Communication)
- Journalism and Media Production (options: Broadcast News; Broadcast Production; and Multimedia Journalism)
- Strategic Communication (options: Advertising; Integrated Communication; and Public Relations)

## College of Education

Education, Bachelor of Arts

- Elementary Education
- Specific Subject Secondary Teacher Certificate (primary majors – Agricultural Education; Biology; Chemistry; Earth and Space Science; English Language Arts; Family and Consumer Sciences; French; Health and Fitness; History; Mathematics; Music Education—choral, instrumental, or general; Physics; Social Studies; and Spanish)

Kinesiology, Bachelor of Science

- Health and Fitness
- Sport Science

Athletic Training, Bachelor of Science

- Athletic Training

Sport Management, Bachelor of Arts

- Sport Management

## College of Engineering and Architecture

Architectural Studies, Bachelor of Science

- Architectural Studies

Bioengineering, Bachelor of Science

- Bioengineering (options: General; and Pre-Med)

Chemical Engineering, Bachelor of Science

- Chemical Engineering (options: General)

Civil Engineering, Bachelor of Science

- Civil Engineering (options: General)

Computer Engineering, Bachelor of Science

- Computer Engineering

Computer Science, Bachelor of Arts

- Computer Science (BA)

Computer Science, Bachelor of Science

- Computer Science (BS)

Construction Engineering, Bachelor of Science

- Construction Engineering (options: Environmental Facilities; Foundations/Heavy Civil; Infrastructure/Pavement; and Structures/Buildings)

Construction Management, Bachelor of Science

- Construction Management

Electrical Engineering, Bachelor of Science

- Electrical Engineering

Interior Design, Bachelor of Arts

- Interior Design

Landscape Architecture, Bachelor of

- Landscape Architecture

Materials Science and Engineering, Bachelor of Science

- Materials Science and Engineering

Mechanical Engineering, Bachelor of Science

- Mechanical Engineering

Software Engineering, Bachelor of Science

- Software Engineering

## College of Medical Sciences (Spokane)

Speech and Hearing Sciences, Bachelor of Arts

- Speech and Hearing Sciences

## College of Nursing

Nursing, Bachelor of Science

- Nursing (Third and Fourth years are at Spokane, Tri-Cities, Vancouver, or Yakima)

## College of Pharmacy (Spokane)

Doctor of Pharmacy

- Pharmacy

Nutrition and Exercise Physiology, Bachelor of Science

- Nutrition and Exercise Physiology

## College of Veterinary Medicine

Biochemistry, Bachelor of Science

- Biochemistry (options: Biophysics; and Molecular Biology)

Genetics and Cell Biology, Bachelor of Science

- Genetics and Cell Biology (options: Molecular Biology)

Microbiology, Bachelor of Science

- Microbiology (options: Molecular Biology; and Medical Technology)

Neuroscience, Bachelor of Science

- Neuroscience (options: Neuroscience; Computational Neuroscience; PreMed/PreDent; and Pre-Veterinary)

Doctor of Veterinary Medicine (DVM)

- Undergraduate majors that prepare for the DVM include, but are not limited to: Animal Science, Biology, Biochemistry, Biosystems Engineering, Genetics and Cell Biology, Neuroscience, Microbiology, or Zoology.

## Pursuing an Additional Major

Students who have completed 60 semester hours and are certified in a major may seek to certify in an additional major from the majors listed in the section above. The student should consult with the department offering the major concerning hours and grade point requirements. Once requirements for the additional major are met and the student's first undergraduate degree has been conferred and posted to the transcript, the student's transcript will be updated to show these additional academic awards.

An additional major requires completion of departmental requirements for the major, exclusive of University Common Requirements (UCORES). Note that second degrees have additional requirements. See Rule 118.

## Majors Offered Only as Additional Majors

The following additional majors may only be earned in conjunction with a student's primary major and degree. They are not offered as a student's only major.

### Additional Major Only

French for the Professions  
German for the Professions

### Department

Foreign Languages and Cultures  
Foreign Languages and Cultures

Japanese for the Professions  
Spanish for the Professions

Foreign Languages and Cultures  
Foreign Languages and Cultures

## Undergraduate Minors

The following are the undergraduate minors offered at Washington State University. The department offering the minor is noted. Minors that are offered exclusively at the regional campuses are noted. Not all minors listed are offered at every WSU campus. Students with questions about degree programs should consult with a representative at the specific campus for additional information.

Students who have completed 60 semester hours and are certified in a major may certify a minor with the approval of the department offering the minor.

A minor requires a minimum of 16 semester hours, 9 of which must be in upper-division course work and taken in taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. Upon completion of the degree, the minor will be posted on the student's permanent record (transcript).

Minor	Department
Addiction Studies (Vancouver only)	Psychology
Aerospace	Aerospace Studies
Aging	Human Development
Agribusiness Economics	Economic Sciences
Agricultural Systems	Agricultural and Food Systems
American Indian Studies	General Studies, Liberal Arts
Animal Sciences	Animal Sciences
Anthropology	Anthropology
Architectural Studies	Design and Construction
Art	Fine Arts
Art History	Fine Arts
Asian Studies	Asia
Astronomy	Physics
Biochemistry	Molecular Biosciences
Biology	Biological Sciences
Business Administration	Business
Business Economics	Economics
Chemistry	Chemistry
Chinese	Foreign Languages and Cultures
Communication	Communication
Comparative Ethnic Studies	Critical Culture, Gender, and Race Studies
Computer Engineering	Electrical Engineering and Computer Science
Computer Science	Electrical Engineering and Computer Science
Construction Management	Design and Construction
Creative Writing	English
Criminal Justice and Criminology	Criminal Justice and Criminology
Crop Science	Crop and Soil Sciences
Digital Technology and Culture	Digital Technology and Culture
Earth Sciences	Environment
Economics	Economic Sciences
Electrical Engineering	Electrical Engineering and Computer Science
Engineering	Engineering and Architecture
English	English
Entomology	Entomology
Entrepreneurship	Business
Environmental and Resource Economics and Management	Economic Sciences
Environmental Science	Environment
Ethics	Philosophy
Film Studies	Foreign Languages and Cultures
Forestry	Environment
French	Foreign Languages and Cultures
French Area and Culture Studies	Foreign Languages and Cultures
Genetics and Cell Biology	Molecular Biosciences
Geospatial Analysis	Crop and Soil Sciences
German	Foreign Languages and Cultures
German Area and Culture Studies	Foreign Languages and Cultures
Global Studies	International Programs
History	History
Horticulture	Horticulture
Hospitality Business Management	Hospitality Business Management

Human Development  
Human Resource Management

Human Development  
Management, Information Systems, and Entrepreneurship

Humanities	English
Japanese	Foreign Languages and Cultures
Jazz Studies	Music
Latin American & Spanish Area Studies	Foreign Languages and Cultures
Linguistics	English
Materials Science and Engineering	Mechanical and Materials Engineering
Mathematics	Mathematics and Statistics
Mechanical Engineering	Mechanical and Materials Engineering
Microbiology	Molecular Biosciences
Military Science	Military Science
Molecular Biology	Molecular Biosciences
Music	Music
Natural Resources	Environment
Naval Science	Naval Science
Neuroscience	Neuroscience
Philosophy	Philosophy
Physics	Physics
Political Science	Political Science
Popular Culture	Critical Culture, Gender, and Race Studies
Pre-Genetic Counseling	Molecular Biosciences
Professional Writing	English
Psychology	Psychology
Queer Studies	Critical Culture, Gender, and Race Studies
Rangeland Ecology and Management	Environment
Religious Studies	General Studies, Liberal Arts
Sociology	Sociology
Soil Science	Crop and Soil Sciences
Spanish	Foreign Languages and Cultures
Sport Management	Educational Leadership, Sports Studies, and Educational/Counseling Psychology
Statistics	Mathematics and Statistics
Strength and Conditioning	Educational Leadership, Sports Studies, and Educational/Counseling Psychology
Sustainable Development	Economic Sciences
Viticulture and Enology	Horticulture
Wildlife Ecology	Environment
Wine Business Management	Hospitality Business Management
Women's Studies	Critical Culture, Gender, and Race Studies
Zoology	Biological Sciences

## Undergraduate Certificates

The following are the official certificates offered at Washington State University. The department offering the certificate is noted. Certificates that are offered exclusively at the regional campuses are noted. Not all certificates listed are offered at every WSU campus. Students with questions about degree programs should consult with a representative at the specific campus for additional information.

An officially recorded undergraduate certificate is a document issued by WSU, displaying the WSU seal and president's signature. Certificates are issued to students who have completed a course of study that meets the guidelines and has been approved by the Faculty Senate. To have the undergraduate certificate recorded on the official transcript, the student must be certified in the program and complete the online graduation application. Application fees and deadlines may be found on the academic calendar, at <https://registrar.wsu.edu/academic-calendar/>.

**Certificate Requirements** – A certificate requires a minimum of 15 credit hours with the exact number specified by the department offering the certificate. The maximum number of transfer credit hours that may apply towards a particular WSU certificate is ¼ of the total number of credit hours required for the certificate. The number of credit hours that may be taken for a Pass/Fail (or S/F) grade is ¼ of the total number of credit hours required for the certificate. The minimum GPA to earn a certificate is a 2.0.

<b>Certificate</b>	<b>Department</b>
Adolescence	Human Development
American Indian Studies	General Studies
Cougar Athletics Leadership Development	Undergraduate Education
Early Childhood Education	Human Development
East Asian Studies for Business Majors	Asia Program
East Asian Studies for Engineering and Architecture Majors	Asia Program
Editing and Publishing	English
English Language Learners	Teaching and Learning
Family Studies	Human Development
Gerontology	Human Development
Global Competencies	Honors College
Global Leadership	Undergraduate Education
Human Services Case Management and Administration	Human Development
Molecular Biosciences	Molecular Biosciences
Organic Agriculture	CAHNRS
Professional Sales	Business (Vancouver)
Professional Science and Technology Writing	English
Professional Writing	English
Quantitative Biology	Biology/Mathematics and Statistics
Teaching English as a Foreign Language	English

## LEARNING ENRICHMENT OPPORTUNITIES

Several departments at Washington State University work closely together to offer support to students as they develop their research and writing abilities—key components of a WSU education. From the first year to the senior year, students may take advantage of all or part of these learning enrichment courses and services, which include:

**First-Year Focus Living-Learning Communities** – First-Year Focus is a residential living/learning community program in which first-semester students living in the same residence hall are co-enrolled in a UCORE course. Students form classroom connections, instant study groups, and social networks. First-Year Focus eases the transition to college life by creating a solid academic focus enhanced by additional interaction with faculty and residence hall peers. Contact: First-Year Programs, CUE 403, 509-335-5488, <http://firstyear.wsu.edu>.

**First-Year Success Seminar** – The First-Year Success Seminar (UNIV 104) is a two-credit, small interactive course in which students explore values, set academic and personal goals, and pursue them through reflective writing, core texts, and other course activities. The seminar provides instruction in skills necessary for college success and encourages critical thinking about the connections between the self and others, classroom learning, and the larger world. Students are introduced to integrative learning strategies as well as to the resources and opportunities within the university community that will allow them to excel in the first year. Contact: First-Year Programs, CUE 403, 509-335-5488, <http://firstyear.wsu.edu>.

**Seminar in Focused Exploration** – University 304 (UNIV 304) is a transition seminar serving upper-division students and transfer students. This seminar is designed to assist students with narrowing down and choosing a good fit major, based on personal passions, purpose, values, strengths and interests. The seminar also supports students with information about their chosen major, what they can do with it, and potential career opportunities. Contact: Academic Success and Career Center, Lighty 180, 509-335-6000.

**Veterans Transition Seminar** – (specified section of UNIV 304) is designed to assist veterans with their transition from the military to a major research university. Navigating a large university can seem overwhelming at first; this seminar helps veterans settle into their new role as students.

**Accessing Information for Research** – With sophomore standing and above, students may enroll in UNIV 300, a one-credit course intended to assist them in exploring the technological resources available for conducting academic research. Transfer students who may not be familiar with the resources of the research library are also encouraged to enroll. Contact: Library Instruction Office, Holland Terrell Library, 509-335-7735.

**Community Engaged Learning** – Students in academic courses across the curriculum are provided with opportunities to learn through engagement in community-based service. Service learning experiences and projects done in collaboration with community partners inform classroom learning, enhance civic awareness, promote personal growth, and foster skill development.

Contact: Center for Civic Engagement, 509-335-7708, [cce@wsu.edu](mailto:cce@wsu.edu), <http://cce.wsu.edu>.

**Global Learning** – Students from all academic majors are encouraged to incorporate global experiences into their academic programs of study. One way to do this is through an education abroad experience, which includes studying and learning abroad on a WSU Faculty-led program with WSU faculty and other Cougs, taking courses at foreign universities, doing an internship, or conducting service or research internationally. Over 700 students each year take advantage of the opportunity to engage in academic and culturally enriching experiences abroad. Students may also become Global Cougs by earning a Global Leadership Certificate or by participating in the Global Case Competition to enhance their experiences at home and abroad. The Global Learning Department within the Office of International Programs advises all WSU students on all of these opportunities. Contact: Global Learning, [ip.globallearning@wsu.edu](mailto:ip.globallearning@wsu.edu), 509-335-6204, <http://ip.wsu.edu/>.

### Writing Center:

- **Free individual peer tutoring for writing** – Writing Center tutors assist students with writing for all University courses. Free, drop-in tutoring is available in the WSU Writing Center, Smith Center for Undergraduate Education (CUE), Room 303. To check on open hours go to: [www.writingcenter.wsu.edu](http://www.writingcenter.wsu.edu).
- **Writing Tutorial** – ENGLISH 102 and 107 are one-credit courses that offer students who are concurrently enrolled in first-year writing courses opportunities to improve their writing skills. These courses are student-centered group tutorials, facilitated by Writing Center tutors. Contact: WSU Writing Center, Smith Center for Undergraduate Education (CUE), Room 303, 509-335-1323.
- **Advanced Writing Tutorial** – UNIV 302 can be taken concurrently with an M course or upper-division writing-intensive course in the student's major. This advanced course employs a small-group, student-centered approach focusing on students' discipline-specific needs. ENGLISH 202, "Grammar in Context" can be taken concurrently with an M course or upper-division writing-intensive course. This course also employs a small-group, student-centered approach but focuses on issues of grammar and sentence structure. Contact: WSU Writing Center, Smith Center for Undergraduate Education (CUE), Room 303, 509-335-1323.

## Learning Assistance

The Academic Success and Career Center (ASCC) provides learning assistance programs for all WSU students.

**Wellbeing Workshops** – Wellbeing Workshops are scheduled throughout each semester and are open to all WSU students. These workshops focus on academic topics such as tips for test-taking, note-taking, and learning skills. Other topics include stress and time management, how to choose a major, and how to prepare for an academic advising appointment. Students may benefit from the more in-depth look at tips and strategies covered in these workshops. There are also on-line tools designed to get students organized and ready for academic challenges. Students can browse through the Wellbeing Workshops at <http://ascc.wsu.edu> to become familiar with the variety of workshops available.

**Tutoring** – Tutoring should be sought anytime a student wants to check their understanding of course concepts/lessons or when additional help is needed. The goal of tutoring is to provide students with assistance that enables them to develop academic mastery and independence. During tutorial appointments, students can get help with homework, help with understanding concepts necessary to pass a course, and useful study techniques. Tutoring helps students master course information by providing alternate explanations, techniques, and examples. Tutors are not a substitute for attending class. Students who have taken advantage of tutoring have found that their grades improved. Tutoring should be in addition to the help that is available from professors' and teaching assistants' office hours.

**The Peer Tutorial Program** provides one-on-one assistance or small group tutoring in a wide range of subjects.

ASCC tutors are trained to meet the requirements of the College Reading and Learning Association's International Tutor Program Certification. New to the WSU menu of tutoring services is eTutoring.org, an online tutoring resource for popular subjects such as math, accounting, and writing. The tutoring website found at <http://ascc.wsu.edu> provides an up-to-date list each semester of free drop-in tutoring services available in ASCC, the Smith Center for Undergraduate Education (CUE), various residence halls, and throughout the university. Contact: Academic Success and Career Center, Lighty 180, 509-335-6000.