

## **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 the Distance Degree Programs) 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: Industry, Production Management, and Science/Pre-Veterinary Medicine)

Apparel, Merchandising, and Textiles, Bachelor of Arts

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

Economic Sciences, Bachelor of Science

- Agricultural Economics
- Business Economics
- Economic Analysis and Policy
- Environmental and Resource Economics
- Financial Markets
- Graduate School Preparation
- International Trade & Development

Food Science, Bachelor of Science

- Food Science

Human Development, Bachelor of Arts

- Human Development (options: General, Family and Consumer Science, and Preschool through 3rd Grade Certification)

Integrated Plant Sciences, Bachelor of Sciences

- *Pending state approval - to replace Crop Science, Horticulture, and Soils Science. (will include Agricultural Biotechnology, Field Crop Management, Fruit and Vegetable Management, Nursery and Greenhouse Management, Landscape Design and Implementation, Turfgrass Management, and Viticulture and Enology)*

Interior Design, Bachelor of Arts

- Interior Design

Landscape Architecture, Bachelor of

- Landscape Architecture

Natural Resource Sciences, Bachelor of Science

- Natural Resources
- Wildlife Ecology (options: Pre-Veterinary, and Directed Studies)

### **College of Business**

Business Administration, Bachelor of Arts

- Accounting
- Accounting and Information Systems
- Business Administration (Vancouver, Tri-Cities, and DDP)
- Entrepreneurship
- Finance
- International Business
- Management Information Systems
- Management and Operations
- Marketing

Hospitality Business Management, Bachelor of Arts

- Hospitality Business Management
- Wine Business Management

### **College of Communication**

Communication, Bachelor of Arts

- Communication (options: Advertising, Applied Intercultural, Broadcast News & Broadcast Production, Journalism, Organizational, Public Relations)

### **College of Education**

Education, Bachelor of Arts

- Elementary Education
- Specific Subject Secondary Teacher Certificate (primary majors – biology; Chinese language and culture; English; French; German; history; mathematics; music education; physics; social studies; and Spanish)

Kinesiology, Bachelor of Science

- Health and Fitness
- Movement Studies

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

Chemical Engineering, Bachelor of Science

- Chemical Engineering (options: General, and Pre-Med)

Civil Engineering, Bachelor of Science

- Civil Engineering (options: General, Environmental Engineering, and Water Resources)

Construction Management, Bachelor of Science

- Construction Management

Computer Engineering, Bachelor of Science

- Computer Engineering

Computer Science, Bachelor of Arts

- Computer Science (BA)

Computer Science, Bachelor of Science

- Computer Science (BS)

Electrical Engineering, Bachelor of Science

- Electrical Engineering

Materials Science and Engineering, Bachelor of Science

- Materials Science and Engineering

Mechanical Engineering, Bachelor of Science

- Mechanical Engineering

### **College of Liberal Arts**

American Studies, Bachelor of Arts

- American Studies

Anthropology, Bachelor of Arts

- Anthropology

Asian Studies, Bachelor of Arts

- Asian Studies

Comparative Ethnic Studies, Bachelor of Arts

- Comparative Ethnic Studies

Criminal Justice, Bachelor of Arts

- Criminal Justice

Digital Technology and Culture, Bachelor of Arts

- Digital Technology and Culture

English, Bachelor of Arts

- English (options: Literary Studies, Rhetoric and Professional Writing, Creative Writing, and Teaching)

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, and Teaching)
- French (options: General, and Teaching)
- Spanish (options: General, and Teaching)

History, Bachelor of Arts

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

Humanities, Bachelor of Arts

- Humanities (options: Classical Studies, International Area Studies, Linguistics, Religious Studies)

Liberal Arts, Bachelor of Liberal Arts

- General Studies, Liberal Arts
- Music, Bachelor of Arts
- Music (BA)
- Music, Bachelor of Music
- Music (BMus) (options: Business, Electrical Engineering and Computer Science, Theatre, Composition, Music Education, and Performance)
- Philosophy, Bachelor of Arts
- Philosophy (options: Traditional, and Pre-Law)
- Political Science, Bachelor of Arts
- Political Science (options: General, Pre-Law, and Global Politics)
- Psychology, Bachelor of Arts
- Psychology (BA)
- Psychology, Bachelor of Science
- Psychology (BS)
- Public Affairs, Bachelor of Arts (Vancouver)
- Public Affairs
- Social Sciences, Bachelor of Arts
- Social Sciences (options: Plan A, and Plan B)
- Social Studies, Bachelor of Arts
- Social Studies
- Sociology, Bachelor of Arts
- Sociology
- Speech and Hearing Sciences, Bachelor of Arts
- Speech and Hearing Sciences
- Women's Studies, Bachelor of Arts
- Women's Studies

### College of Nursing

- Nursing, Bachelor of Science
- Nursing (Junior and Senior years are at ICN in Spokane or Yakima)

### College of Pharmacy

- Doctor of Pharmacy
- Pharmacy - (Six year program only)
- Exercise Physiology and Metabolism, Bachelor of Science (Pullman/Spokane)
- Exercise Physiology and Metabolism (option: Dietetics)

### College of Sciences

- Biochemistry, Bachelor of Science
- Biochemistry (options: Biochemistry/Biophysics, and Biochemistry / Molecular Biology)
- Biology, Bachelor of Science
- Biology (options: General, Botany, Ecology and Evolutionary Biology, Entomology, and Physical Therapy/Pre-Occupational Therapy/Pre-Physician's Assistant, and Teaching)
- Biotechnology, Bachelor of Science
- Biotechnology
- Chemistry, Bachelor of Science
- Chemistry (options: General, Environmental, Materials, and Teaching)
- Environmental Science, Bachelor of Science
- Environmental Science
- Exercise Physiology and Metabolism, Bachelor of Science (advising only)
- Exercise Physiology and Metabolism
- Genetics and Cell Biology, Bachelor of Science
- Genetics and Cell Biology
- Geology, Bachelor of Science
- Geology
- Mathematics, Bachelor of Science
- Mathematics
- Microbiology, Bachelor of Science
- Microbiology (options: General, and Medical Technology)
- Physics, Bachelor of Science
- Physics (options: Astrophysics, Biophysics, Computer Physics, Continuum Physics & Acoustics, Environmental, Materials Science, Mathematics, Nano technology, Optics & Electronics, Standard, Technical)
- 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 Veterinary Medicine

- Neuroscience, Bachelor of Science
- Neuroscience (options: Neuroscience, Computational Neuroscience, PreMed/PreDent, 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.

### 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.

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

Minor	Department
Accounting	Accounting
Addiction Studies (Vancouver only)	Psychology
Aerospace	Aerospace Studies
Aging	Human Development
Agribusiness	Economic Sciences
Agricultural Economics and Management	Economic Sciences
American Indian Studies	General Studies, Liberal Arts
American Studies	American Studies
Animal Sciences	Animal Sciences
Anthropology	Anthropology
Architectural Studies	Architecture and Construction Management
Art	Fine Arts
Art History	Fine Arts
Asian Studies	Asia
Astronomy	Physics
Biochemistry	Molecular Biosciences
Biology	Biological Sciences
Business Administration	Management and Operations
Chemistry	Chemistry
Chinese	Foreign Languages and Cultures
Communication	Communication
Community Studies	Community and Rural Sociology
Comparative Ethnic Studies	Comparative Ethnic Studies
Computer Engineering	Electrical Engineering and Computer Science
Computer Science	Electrical Engineering and Computer Science
Construction Management	Architecture and Construction Management
Criminal Justice	Criminal Justice
Crop Science	Crop and Soil Sciences
Digital Technology and Culture	Digital Technology and Culture
Disability Studies	Speech and Hearing Sciences
Economics	Economic Sciences
Electrical Engineering	Electrical Engineering and Computer Science
Engineering	Engineering and Architecture
English	English
Entomology	Entomology
Entrepreneurship	Entrepreneurial Studies
Environmental and Resource Economics and Management	Economic Sciences
Environmental Science	Earth and Environmental Sciences
Ethics	Philosophy
Film Studies	Foreign Languages and Cultures
Finance	Finance, Insurance, and Real Estate
Forestry	Natural Resource Sciences

French	Foreign Languages and Cultures
French Area Studies	Foreign Languages and Cultures
Genetics and Cell Biology	Molecular Biosciences
Geology	Earth and Environmental Sciences
German	Foreign Languages and Cultures
German Area Studies	Foreign Languages and Cultures
Global Studies	International Programs
History	History
Horticulture	Horticulture and Landscape Architecture
Hospitality Business Management	Hospitality Business Management
Human Development	Human Development
Human Resources & Personnel	Management and Operations
Humanities	English
Interior Design Studies	Interior Design
International Business	International Business
Japanese	Foreign Languages and Cultures
Jazz Studies	Music
Latin American Area Studies	Foreign Languages and Cultures
Leadership Studies	Educational Leadership and Counseling Psychology
Linguistics	English
Management Information Systems	Information Systems
Marketing	Marketing
Materials Science and Engineering	Mechanical and Materials Engineering
Mathematics	Mathematics
Mechanical Engineering	Mechanical and Materials Engineering
Microbiology	Molecular Biosciences
Molecular Biology	Molecular Biosciences
Music	Music
Natural Resources	Natural Resource Sciences
Naval Science	Naval Science
Neuroscience	Neuroscience
Philosophy	Philosophy
Physics	Physics
Political Science	Political Science
Pre-Genetic Counseling	Molecular Biosciences
Professional Writing	English
Psychology	Psychology
Queer Studies	Women's Studies
Rangeland Ecology and Management	Natural Resource Sciences
Religious Studies	General Studies, Liberal Arts
Russian	Foreign Languages and Cultures
Sociology	Sociology
Soil Science	Crop and Soil Sciences
Spanish	Foreign Languages and Cultures
Speech and Hearing Sciences	Speech and Hearing Sciences
Sport Management	Educational Leadership and Counseling Psychology
Statistics	Statistics
Sustainable Development	Economic Sciences
Theatre	Theatre Arts and Drama
Wildlife	Natural Resource Sciences
Women's Studies	Women's 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 apply for the certificate through the Registrar's Office and pay the \$50 fee.

A certificate requires a minimum of 15 credit hours with the exact number specified by the department or Program offering the certificate. The minimum GPA to earn a certificate, is a 2.0.

<b>Certificate</b>	<b>Department</b>
Abnormal Child Psychology	Psychology
Adolescence	Human Development
American Indian Studies	General Studies
Child Development & Care	Human Development
East Asian Studies for Business Majors	Asia Program
East Asian Studies for Engineering and Architecture Majors	Asia Program
Family Studies	Human Development
Gerontology	Human Development
Global Competencies	Honors
Helping Skills	Psychology
Organic Agriculture	CAHNRS
Professional Writing	English
Quantitative Biology	Biology/Mathematics
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 freshman to the senior year, students may take advantage of all or part of these learning enrichment courses and services, which include:

**Freshman Focus** – Freshman Focus is the residential living/learning community program in which first-semester students are co-enrolled in two General Education courses with other freshman students who live in the same residence hall. Students form classroom connections, instant study groups, and social networks. Freshman Focus makes the transition to college life easier because there is a solid academic focus that is enhanced by interaction with faculty and residence hall peers. Contact: Office of Undergraduate Education, CUE 305, 509-335-5488.

**The Pathways to Academic Success Seminar (PASS)** – PASS is a small interactive learning community facilitated by graduate level peers. Students are co-enrolled in a seminar linked to a course which fulfills a general education requirement. Students who enroll in the two-credit Pathways to Academic Success Seminar, GenEd 104, participate in discussion, activities and projects that introduce them to research, writing, and critical thinking thereby assisting in the preparation for and transition to university life and academic expectations. Faculty from the shared GE course and an instructional librarian help assist students one-on-one with their seminar projects. Contact: Student Advising and Learning Center, Lighty Building Room 260, 509-335-6000, pass.wsu.edu.

**Writing Tutorial** – Engl 102, a one-credit course, offers students an opportunity to improve their ability to write in a student-centered group tutorial setting. The tutorial is usually connected to freshman writing courses. Contact: WSU Writing Center, Center for Undergraduate Education, Room 403, 509-335-3628.

**Accessing Information for Research** – With sophomore standing and above, students may enroll in GenEd 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.

**Advanced Writing Tutorial** – GenEd 302 can be taken concurrently with an M course or upper-division writing intensive course in the student's major. This advanced course also employs a small-group, student-centered approach focusing on students' discipline-specific needs. Grammar in Context-English 202 can be taken concurrently with an M course or upper-division writing intensive course. This course also employs a small-group, student-centered approach focusing on supporting issues of grammar and syntax as students are writing assignments for various courses. This tutorial is open to multi-lingual and native speakers of English. Contact: WSU Writing Center, Center for Undergraduate Education, Room 403, 509-335-3628.

**Service Learning** – Students in academic courses across the curriculum are provided with opportunities to learn through engagement in community-based service. Service learning experiences such as child and youth mentoring and environmental restoration inform classroom learning, enhance civic awareness,