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 and Sustainable Agriculture

Animal Sciences, Bachelor of Science
- Animal Sciences (options: Animal Management; Accelerated Pre-Vet, and Pre-Veterinary Medicine/Science)

Apparel, Merchandising, Design, and Textiles, Bachelor of Arts
- Apparel, Merchandising, Design, 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: Fermentation Science; and General)

Human Development, Bachelor of Arts
- Human Development (options: Child and Youth Development; Early Childhood Education; Family and Consumer Science; Gerontology; Human Services; Lifespan Development; and Prevention Science)

Integrated Plant Sciences, Bachelor of Science
- Agricultural Biotechnology
- Field Crop Management
- Fruit and Vegetable Management
- Landscape, Nursery, and Greenhouse Management
- Turfgrass Management

Viticulture and Enology, Bachelor of Science (Tri-Cities)
- Viticulture and Enology

College of Arts and Sciences

— Arts

Anthropology, Bachelor of Arts
- Anthropology

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: Creative Writing; Integrative English Studies; Linguistics; Literary Studies; Rhetoric and Professional Writing; Teaching with Certification; and Teaching without Certification)

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

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)

Human Biology, Bachelor of Arts
- Human Biology

Humanities, Bachelor of Arts
- Humanities (General Studies options: International Area Studies; 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 Endorsement; Choral / Instrumental / General Endorsement; Instrumental / General Endorsement; 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: Basic Medical Sciences Plan A; Basic Medical Sciences Plan B; Ecology and Evolutionary Biology; Education; Entomology; General; Plant Biology; Pre-Physical Therapy, Pre-Occupational Therapy, and Pre-Physician Assistant; and Teaching)

Chemistry, Bachelor of Arts
- Chemistry (options: Standard; and Teaching)

Chemistry, Bachelor of Science
- Chemistry (options: Materials; Professional; and Teaching)

Data Analytics, Bachelor of Science
- Data Analytics

Earth and Environmental Science, Bachelor of Science
- Earth Sciences
- Environmental and Ecosystem Sciences
- Forest Ecology and Management
- Wildlife Ecology and Conservation Sciences (options: Basic; Pre-Veterinary; and Honors Accelerated Pre-Veterinary)

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: Applied Physics; Astrophysics; and Standard)

Psychology, Bachelor of Science
- Psychology
Science, Bachelor of Arts  
- General Studies—Biological Sciences, Mathematical Sciences, or Physical Sciences (options: varies by plan)

Zoology, Bachelor of Science  
- Zoology (options: General; Pre-Medicine/Pre-Dentistry; Pre-Veterinary/Animal Care; and Accelerated Pre-Veterinary)

College of Business  
Business Administration, Bachelor of Arts  
- Accounting  
- Business Administration (Vancouver and Tri-Cities campuses only)  
- Entrepreneurship  
- Finance  
- International Business  
- Management (tracks: Human Resource Management; and Innovation and Change)  
- Management Information Systems  
- Marketing

Hospitality Business Management, Bachelor of Arts  
- Hospitality Business Management  
- Senior Living Management  
- Wine and Beverage Business Management

College of Communication  
Journalism and Media Production, Bachelor of Arts  
- Broadcast News  
- Broadcast Production  
- Media and Technology  
- Multimedia Journalism

Strategic Communication, Bachelor of Arts  
- Advertising  
- Integrated Strategic Communication  
- Public Relations  
- Risk and Crisis Communication

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; History; Mathematics; Music Education--choral, instrumental, or general; Physics; Social Studies; and Spanish)

Kinesiology, Bachelor of Science  
- Kinesiology

Sport Management, Bachelor of Arts  
- Sport Management

Sports Medicine, Bachelor of Science  
- Sports Medicine

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

Computer Engineering, Bachelor of Science  
- Computer Engineering (tracks: Artificial Intelligence; Data Science; General; and Systems and Networking)

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 (options: Computer Engineering; General; Microelectronics; Power; and Systems)

Interior Design, Bachelor of Arts  
- Interior Design

Landscape Architecture, Bachelor of Science  
- 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 Medicine (Spokane)  
Nutrition and Exercise Physiology, Bachelor of Science  
- Nutrition and Exercise Physiology

Speech and Hearing Sciences, Bachelor of Arts  
- Speech and Hearing Sciences

Doctor of Medicine  
- Medicine

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

College of Pharmacy and Pharmaceutical Sciences (Spokane)  
Doctor of Pharmacy  
- Pharmacy

College of Veterinary Medicine  
Biochemistry, Bachelor of Science  
- Biochemistry (options: Biophysics; Molecular Biology; and Accelerated Pre-Pharmacy)

Genetics and Cell Biology, Bachelor of Science  
- Genetics and Cell Biology (options: Molecular Biology)

Microbiology, Bachelor of Science  
- Microbiology (options: Molecular Biology; Medical Technology; and Accelerated Pre-Veterinary)

Neuroscience, Bachelor of Science  
- Neuroscience (options: Computational Breath of Field; Computational Hardware; Computational Software; General; PreMed/PreDent; Pre-Veterinary; and Accelerated 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 been admitted to a primary major may be admitted to pursue an additional major with the approval of the offering department. The student should consult with the department offering the major concerning credits and grade point requirements. Once requirements for the additional
A minor requires a minimum of 16 semester credits, 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**

Addiction Studies (Vancouver only)
Aerospace
Aging
Agribusiness Economics
Agricultural Systems
American Indian Studies
Animal Sciences
Anthropology
Architectural Studies
Art
Art History
Asian Studies
Astronomy
At-Risk Youth
Biochemistry
Biology
Business Administration
Business Economics
Chemistry
Chinese
Communication
Comparative Ethnic Studies
Computer Engineering

**Department**

Psychology
Aerospace Studies
Human Development
Economic Sciences
Agricultural and Food Systems
Languages, Cultures, and Race
Animal Sciences
Anthropology
Design and Construction
Fine Arts
History
Sociology
Spanish Area Studies
Linguistics
Spanish Area Studies
Molecular Biosciences
Biological Sciences
Economics
Biological Sciences
Business
Economic Sciences
Chemistry
Languages, Cultures, and Race
Communication
Languages, Cultures, and Race
Electrical Engineering and Computer Science
Electrical Engineering and Computer Science
Design and Construction
English
Criminal Justice and Criminology
Crop and Soil Sciences
Creative Media and Digital Culture / Digital Technology and Culture
Environment
Economic Sciences
Electrical Engineering and Computer Science
Science (Pullman) and Engineering and Computer Science (Vancouver)

**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
Japanese for the Professions
Spanish for the Professions

**Department**

Languages, Cultures, and Race
Languages, Cultures, and Race
Languages, Cultures, and Race
Languages, Cultures, and Race

**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 been admitted to a primary major may be admitted to pursue a minor with the approval of the offering department or designee.

A minor requires a minimum of 16 semester credits, 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**

Addiction Studies (Vancouver only)
Aerospace
Aging
Agribusiness Economics
Agricultural Systems
American Indian Studies
Animal Sciences
Anthropology
Architectural Studies
Art
Art History
Asian Studies
Astronomy
At-Risk Youth
Biochemistry
Biology
Business Administration
Business Economics
Chemistry
Chinese
Communication
Comparative Ethnic Studies
Computer Engineering

**Department**

Psychology
Aerospace Studies
Human Development
Economic Sciences
Agricultural and Food Systems
Languages, Cultures, and Race
Animal Sciences
Anthropology
Design and Construction
Fine Arts
History
Sociology
Spanish Area Studies
Linguistics
Spanish Area Studies
Molecular Biosciences
Biological Sciences
Economics
Biological Sciences
Business
Economic Sciences
Chemistry
Languages, Cultures, and Race
Communication
Languages, Cultures, and Race
Electrical Engineering and Computer Science
Electrical Engineering and Computer Science
Design and Construction
English
Criminal Justice and Criminology
Crop and Soil Sciences
Creative Media and Digital Culture / Digital Technology and Culture
Environment
Economic Sciences
Electrical Engineering and Computer Science
Science (Pullman) and Engineering and Computer Science (Vancouver)
Women’s Studies |   English
---|---
Workplace Diversity | Sociology
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 admitted to 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 credits with the exact number specified by the department offering the certificate. The maximum number of transfer credits that may apply towards a particular WSU certificate is ¼ of the total number of credits required for the certificate. The number of credits that may be taken for a Pass, Fail (or S, F) grade is ¼ of the total number of credits required for the certificate. The minimum GPA to earn a certificate is 2.0.

**Certificate**

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<td>Languages, Cultures, and Race</td>
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<td>Behavioral Business Research</td>
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<td>Business of Art</td>
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<td>Teaching and Learning</td>
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<tr>
<td>English Language Learners</td>
<td>Teaching and Learning</td>
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<td>Family Studies</td>
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<td>Game Studies and Design</td>
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<td>Global Competencies</td>
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<td>Human Services Case Management and Administration</td>
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<tr>
<td>Italian Language</td>
<td>Languages, Cultures, and Race</td>
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<tr>
<td>Leadership in Coaching</td>
<td>Kinesiology and Educational Psychology</td>
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<tr>
<td>Mindfulness-based Emotional and Social Intelligence</td>
<td>Honors College</td>
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<td>Molecular Biosciences</td>
<td>Molecular Biosciences</td>
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<td>Organic Agriculture</td>
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<td>Professional Sales</td>
<td>Business</td>
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<tr>
<td>Professional Science and Technology Writing</td>
<td>English</td>
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<tr>
<td>Professional Writing</td>
<td>Biology/Mathematics and Statistics</td>
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<tr>
<td>Quantitative Biology</td>
<td>Creative Media and Digital Culture / Digital Technology and Culture</td>
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<tr>
<td>Social Media</td>
<td>Sociology/Management, Information Systems, and Entrepreneurship</td>
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<tr>
<td>Sustainable Organizational Leadership</td>
<td>English</td>
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<tr>
<td>Teaching English as a Foreign Language</td>
<td>Environment</td>
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<tr>
<td>Water Resources Science and Management</td>
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</tbody>
</table>

**University Requirements for Graduation**

University requirements for the baccalaureate degree have been established by the faculty as an expression of the common degree expectations for all Washington State University graduates. The faculty has established minimum standards in terms of credits, grade points, and distribution requirements within the University Common Requirements (UCORE). For complete listing of all the rules pertaining to graduation, see the Appendix, Rules 106-137.

1. **Credits and grade points**—A minimum of 120 semester credits with a grade point average of 2.0 or better.
2. **Upper-Division (300-400-level)**—A minimum of 40 semester credits.
3. **The University Writing Portfolio (Mid-Career Assessment)**—Successful completion of the University Writing Portfolio is a requirement for graduation at WSU. Students must satisfy this requirement once they have earned 60 semester credits. To complete the University Writing Portfolio students must submit three papers they have written as a result of previously assigned college course work and take a Timed Writing Exam consisting of two writing exercises. The University Writing Portfolio must be completed before a student enrolls in an [M] course (see below). Visit www.writingportfolio.wsu.edu for more information.
4. **Writing in the Major [M]**—Two courses identified as writing in the major [M] must be included in course work taken to meet departmental requirements. Consult the requirements in the department in which you intend to major.
5. **University Common Requirements (UCORE)**—All students, regardless of major, must fulfill the minimum requirements of WSU’s University Common Requirements (UCORE), which are described below, or of University Honors College. See Appendix, Rules 106-137.
6. **Awards the Degree**—The award of a degree is conditioned upon the student’s good standing in the University and satisfaction of all University graduation requirements. “Good standing” means the student has resolved any unpaid fees or acts of academic or behavioral misconduct, and complied with all sanctions imposed as a result of the misconduct. The University shall deny the award of a degree if the student is dismissed from the University on his or her misconduct (See Rules 45, 115-117, and the Student Conduct Code).

**College of Arts and Sciences Graduation Requirements**

In order to provide a broad-based education in the humanities, social sciences, and sciences, the College of Arts and Sciences require the following in addition to University Requirements for Graduation. The additional college graduation requirements have already been incorporated in the departmental requirements listed in this catalog.

Humanities [HUM], Social Sciences [SSCI], and Creative and Professional Arts [ARTS]—3 credits in addition to the University Common Requirements (UCOREs).

**Sciences [BSCI] [PSCI]**—Additional 1 lab credit of [BSCI] or [PSCI] for a total of 8 semester credits (2 labs).

**Foreign Language**—Two years of one HS Foreign Language (includes ASL or NAL), or two college semesters (two quarters) of one Foreign Language (includes ASL or NAL), or Foreign language proficiency not based on HS or college instruction. Documentation or testing required for all.

Notes: A foreign language course taken in eighth grade may satisfy one year of the requirement if the second year is completed in high school. If only one year is completed in high school, a WSU student must complete an additional semester (e.g. SPANISH 102) or transfer an additional college-level quarter or semester in the same foreign language. International students who have completed formal instruction in their primary language as well as formal instruction in English as a second language in their secondary education have met the intent of the foreign language requirement. (Records indicating the successful completion of both languages are required to document the foreign language requirement).

Transfer students are responsible for meeting the above requirements. This includes those students holding the approved Associate of Arts or Associate of Science degree from Washington community colleges or Associate of Arts—Oregon Transfer degree from an Oregon community college.