

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
- Human Nutrition and Food Systems
- Organic and Sustainable Agriculture

Animal Sciences, Bachelor of Science

- Animal Sciences (options: Animal Science, Technology, and Production; 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 (option: 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

Art, Bachelor of Arts (BA)

- Art (options: Art History; and Studio)

Art, Bachelor of Fine Arts (BFA)

- Art

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: Creative Media and Digital Culture (Vancouver); Digital Cinema, Sound, and Animation (Pullman); Digital Design (Pullman, Tri-Cities); Game Studies (Pullman); and Web Design and Development (Pullman))

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)

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; and Plan B)

Music, Bachelor of Arts (BA)

- Music

Music, Bachelor of Music (BMus)

- Music Business
- 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, Gender, and Sexuality Studies, Bachelor of Arts

- Women's, Gender, and Sexuality Studies

— Sciences

Biology, Bachelor of Science

- Biology (options: Basic Medical Sciences; 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 (options: Actuarial; Agricultural and Environmental Systems; Business; Computation; Data Visualization; Economics; General; Life Sciences; Physical Sciences; and Social Sciences)

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; Planetary Sciences; and Standard)

Psychology, Bachelor of Science

- Psychology (option: Accelerated Pre-Pharmacy)

Science, Bachelor of

- 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 Innovation
- 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: Biomedical Systems; Cellular and Molecular; 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

Cybersecurity, Bachelor of Science

- Cybersecurity

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

- 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)

Pharmaceutical and Medical Sciences, Bachelor of Science

- Pharmaceutical and Medical Sciences (option: Accelerated Pharmacy)

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 (option: Molecular Biology)

Microbiology, Bachelor of Science

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

Neuroscience, Bachelor of Science

- Neuroscience (options: Biomedical Business; Computational Breath of Field; Computational Hardware; Computational Software; General; Pre-Medical/Pre-Dental; 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 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	Department
French for the Professions	Languages, Cultures, and Race
German for the Professions	Languages, Cultures, and Race
Japanese for the Professions	Languages, Cultures, and Race
Spanish for the Professions	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 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
Agribusiness Economics	Economic Sciences
Agriculture Technology and Production Management	Agricultural and Food Systems
Agricultural Systems	Agricultural and Food Systems
American Indian Studies	Languages, Cultures, and Race
Animal Sciences	Animal Sciences
Anthropology	Anthropology
Architectural Studies	Design and Construction
Art	Fine Arts
Art History	Fine Arts
Astronomy	Physics
At-Risk Youth	Sociology
Biochemistry	Molecular Biosciences
Biology	Biological Sciences
Business Administration	Business
Business Economics	Economic Sciences
Chemistry	Chemistry
Chinese	Languages, Cultures, and Race
Communication	Communication
Comparative Ethnic Studies	Languages, Cultures, and Race
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	Creative Media and Digital Culture / Digital Technology and Culture
Earth Sciences	Environment
Economics	Economic Sciences
Electrical Engineering	Electrical Engineering and Computer Science (Pullman) and Engineering and Computer Science (Vancouver)
Engineering	Engineering and Architecture
English	English
Entrepreneurship	Business
Environmental and Resource Economics and Management	Economic Sciences
Environmental Science	Environment
Ethics	Philosophy
Event Management	Hospitality Business Management
Exhibition Studies	Fine Arts
Film Studies	Languages, Cultures, and Race
Food Science	Food Science
Forestry	Environment
French	Languages, Cultures, and Race
French Area and Culture Studies	Languages, Cultures, and Race
French for Design and Merchandising	Languages, Cultures, and Race
Genetics and Cell Biology	Molecular Biosciences
Gerontology	Human Development
Geospatial Analysis	Crop and Soil Sciences
German	Languages, Cultures, and Race
German Area and Culture Studies	Languages, Cultures, and Race
Global and Ethnic Narrative Traditions	Languages, Cultures, and Race
Global Studies	International Programs
Health Communication and Promotion	Strategic Communication
Health and Society	Sociology
History	History
Horticulture	Horticulture
Hospitality Business Management	Hospitality Business Management
Human Development	Human Development
Human Resource Management	Management, Information Systems, and Entrepreneurship
Humanities	English
Interior Design	Design and Construction
Japanese	Languages, Cultures, and Race
Japanese Area and Culture Studies	Languages, Cultures, and Race
Jazz Studies	Music
Latin American and Spanish Area Studies	Languages, Cultures, and Race
Leadership	Human Development
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
Modern Asia	History
Modern Global Issues	History
Molecular Biology	Molecular Biosciences
Music	Music
Music Technology	Music
Natural Resources	Environment
Naval Science	Naval Science
Neuroscience	Neuroscience
Philosophy	Philosophy
Physics	Physics
Political Science	Political Science
Popular Culture	Languages, Cultures, and Race
Precision Agriculture	Agricultural and Food Systems
Pre-Genetic Counseling	Molecular Biosciences
Professional Writing	English
Psychology	Psychology

Queer Studies	Women's, Gender, and Sexuality Studies	Gerontology	Human Development
Religious Studies	History	Global Competencies	Honors College
Senior Living Management	Hospitality Business Management	Global Leadership	Undergraduate Education
Sociology	Sociology	Graphic Design	Digital Technology and Culture
Software Engineering	Electrical Engineering and Computer Science	Human Services Case Management and Administration	Human Development
Soil Science	Crop and Soil Sciences	Italian Language	Languages, Cultures, and Race
Spanish	Languages, Cultures, and Race	Leadership in Coaching	Kinesiology and Educational Psychology
Sports Communication	Journalism and Media Production	Mindfulness-based Emotional and Social Intelligence	Honors College
Sport Management	Educational Leadership and Sport Management	Molecular Biosciences	Molecular Biosciences
Statistics	Mathematics and Statistics	Organic Agriculture	CAHNRS
Strength and Conditioning	Kinesiology and Educational Psychology	Professional Sales	Business
Sustainable Development	Economic Sciences	Professional Science and Technology Writing	English
Viticulture and Enology	Horticulture	Professional Writing	English
War and Society	History	Quantitative Biology	Biology/Mathematics and Statistics
Wildlife Ecology	Environment	Social and Environmental Justice (Vancouver only)	English
Wine and Beverage Business Management	Hospitality Business Management	Social Media	Creative Media and Digital Culture / Digital Technology and Culture
Women's Studies	Women's, Gender, and Sexuality Studies	Sustainable Organizational Leadership	Sociology/Management, Information Systems, and Entrepreneurship
Workplace Diversity	Sociology	Teaching English as a Foreign Language	English
Zoology	Biological Sciences	Water Resources Science and Management	Environment

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 a 2.0.

Certificate	Department
Adolescence	Human Development
American Indian Studies	Languages, Cultures, and Race
Behavioral Business Research	Business
Business of Art	Fine Arts/Management, Information Systems, and Entrepreneurship
Business of Biomedicine	Neuroscience
Core Competencies in Spanish Language and Culture	Languages, Cultures, and Race
CySER Basics	Management, Information Systems, and Entrepreneurship
CySER CAE-CO Fundamentals	Electrical Engineering and Computer Science
Dual Language Pathway	Teaching and Learning
Early Childhood Education	Human Development
Eco Arts and Public Engagement	Fine Arts
Editing and Publishing	English
Education Technology	Teaching and Learning
Energy Conscious Construction	Design and Construction
English Language Learners	Teaching and Learning
Family Studies	Human Development
Game Studies and Design	Creative Media and Digital Culture / Digital Technology and Culture

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 (UCOREs) or of University Honors College. See Appendix, Rules 106-137.
6. **Awarding 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 based on his or her misconduct (See Rules 45, 115-117, and the Student Conduct Code).

College of Arts and Sciences Additional 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.

Inquiry: Ways of Knowing—Complete 3 credits in each of the seven inquiry designations: [ARTS], [BSCI], [DIVR], [EQJS], [HUM], [PSCI], and [SSCI].
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.

College of Veterinary Medicine Additional Graduation Requirements

In addition to the University Requirements for Graduation, the College of Veterinary Medicine requires that students complete one additional requirement for graduation. The additional college graduation requirement has already been incorporated in the departmental requirements listed in this catalog.

Inquiry: Ways of Knowing—Complete 3 credits in each of the seven inquiry designations: [ARTS], [BSCI], [DIVR], [EQJS], [HUM], [PSCI], and [SSCI].

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.