Agricultural, Human, and Natural Resource Sciences

Recognizing its unique land-grant research and educational mission to serve Washington State and the global community, the College of Agricultural, Human, and Natural Resource Sciences is discovering and sharing knowledge through excellence in research, instruction, and statewide Extension programs. Students, scientists, and educators contribute to securing a safe, abundant food and fiber supply; promoting the well-being of individuals, families, and communities; enhancing the sustainability of agricultural and economic practices and the environment; and promoting stewardship of natural resources and ecological systems.

The college offers approximately 20 majors to prepare professionals for careers through departments including Animal Sciences; Apparel, Merchandising, Design, and Textiles; Crop and Soil Sciences; Economic Sciences; Entomology; Environment; Food Science; Horticulture; Human Development; Interior Design; Landscape Architecture; and Plant Pathology. Students receive a solid foundation in the sciences with a technological grounding that enables them to explore and stay up-to-date with the relevant, dynamic fields of agricultural, human, economic, and natural resource sciences. All degree programs provide students with opportunities for hands-on interactions in their field, whether it's working with researchers in classrooms/labs or through internships and international study abroad programs.

Overall, the agricultural industry remains Washington's number one thriving economic industry and supports a vibrant job market. Programs in agriculture prepare students for a wide variety of careers in science; education; agriculture and food security; fruit and vegetable management; agricultural technology and production management; biotechnology; field crop management; turfgrass management; organic agriculture; landscape, nursery, and greenhouse management; viticulture and enology; business and finance; economics; food processing; and sales and distribution of food products.

In addition, programs offered through the college's newly formed School of Integrated Plant Sciences prepare students for careers in earth sciences, environmental and ecosystem sciences, and wildlife ecology and conservation sciences. Graduates enter their profession as agricultural producers, land managers, agriculture teachers, landscape architects, food scientists, winemakers, or industry representatives for agriculture, natural resources, and retail operations. Students who earn graduate degrees follow scientific careers in research; teaching university classes; Extension education; and highly technical pursuits within industry and government organizations.

The College of Agricultural, Human, and Natural Resource Sciences offers unique opportunities for students pursuing careers in veterinary medicine. Animal Sciences and Natural Resource Sciences both allow students to build a foundation for veterinary school and earn a baccalaureate degree simultaneously.

Programs in the human sciences prepare students for positions as teachers of family and consumer sciences, human science and community agency managers, and directors of aging programs. Other careers include apparel design and merchandising, interior design, consumer services, or commercial food service. Students who graduate are prepared to teach in public schools, to work in adult education, and to administer and supervise preschool and child care centers. Those who earn advanced degrees fill positions in research, Extension, governmental agencies, foreign services, college teaching, and businesses around the world.

Admission

The requirements for admission to the College of Agricultural, Human, and Natural Resource Sciences are the same as those for Washington State University. High school students planning to enroll in the college are urged to work closely with their counselors and with representatives from WSU in developing an appropriate background of high school courses in biological, physical, and social sciences, mathematics, and other elective areas.

Transfer Students

Most transfer students who have completed one year in another college or university ordinarily will have no difficulty in completing the requirements for one of the bachelor's degrees in three additional years.

Students enrolled in other colleges or universities but planning to transfer to the College of Agricultural, Human, and Natural Resource Sciences should concentrate as much as possible on general education, science, and other departmental requirements normally scheduled during the first and second years, with particular attention to those subjects required for the intended majors. In addition, students should also contact a College of Agricultural, Human, and Natural Resource Sciences academic advisor in their area of interest.

Students at community colleges in the state should check to see whether there is an articulation agreement between their institution and the WSU program of interest in order to simplify the transition to WSU.

Requirements for Graduation

Requirements for graduation in the College of Agricultural, Human, and Natural Resource Sciences vary according to the major and the degree to be granted, as described in the departmental sections of this catalog. The student and the advisor jointly have the responsibility of selecting courses to fit the student's native ability and professional interests, consistent with departmental and general education requirements. Students are encouraged to do more than satisfy the minimum requirements.

Agricultural, Human and Natural Resource Sciences Degrees

Degree

Bachelor of Science

- Agricultural and Food Systems
- Animal Sciences
- Economic Sciences
- Earth and Environmental Sciences
- Food Science
- Integrated Plant Sciences

Bachelor of Arts

- Apparel, Merchandising, and Textiles
- Human Development
- Interior Design

Bachelor of Landscape Architecture

- Landscape Architecture

Master of Science

- Agriculture
- Animal Sciences
- Applied Economics
- Biological and Agricultural Engineering
- Crop Science
- Entomology
- Environmental Sciences
- Food Science
- Geology

Academic Area

- CAHNRS Academic Programs
- Animal Sciences
- Economic Sciences
- Environment
- Food Science
- Crop and Soil Sciences
- Horticulture
- Apparel, Merchandising, Design, and Textiles
- Human Development
- Design and Construction

To see a complete listing of all undergraduate degrees, majors, and options within the major, as well as all undergraduate minors and certificates, please see the Achieving Academic Success section of this catalog.

Ron Mittelhammer, Dean
Hulbert Hall, Room 421
509-335-4561
http://cahnrs.wsu.edu
The College of Arts and Sciences offers programs of study leading to the following degrees:

**Degree**

<table>
<thead>
<tr>
<th>Academic Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology</td>
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<tr>
<td>Asian Studies</td>
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</tbody>
</table>

**Bachelor of Arts**

The College of Arts and Sciences offers programs of study leading to the following degrees:

<table>
<thead>
<tr>
<th>Degree</th>
<th>Academic Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology</td>
<td>Anthropology</td>
</tr>
<tr>
<td>Asian Studies</td>
<td>Asia</td>
</tr>
</tbody>
</table>
### Bachelor of Fine Arts
- Fine Arts

### Bachelor of Music
- Music

### Bachelor of Science
- Biology
- Chemistry
- Earth and Environmental Science
- Mathematics
- Physics
- Psychology
- Science (Bachelor of)
- Zoology

### Master of Arts
- American Studies
- Anthropology
- Criminal Justice and Criminology
- English
- Foreign Languages and Cultures (Spanish)
- History
- Music
- Political Science
- Sociology

### Master of Fine Arts
- Fine Arts

### Master of Public Affairs
- Public Affairs (Vancouver campus)

### Master of Science
- Biology
- Chemistry
- Environmental Science
- Geology
- Mathematics
- Molecular Plant Sciences
- Natural Resource Sciences
- Physics
- Plant Biology
- Plant Pathology
- Psychology (Clinical and Experimental)
- Statistics

### Doctor of Philosophy
- American Studies
- Anthropology
- Biology
- Chemistry
- English
- Environmental and Natural Resource Sciences
- Geology
- History
- Materials Science and Engineering (Interdisciplinary Program)
- Mathematics
- Molecular Plant Sciences
- Physics
- Plant Biology
- Plant Pathology
- Political Science
- Psychology (Clinical and Experimental)
- Sociology

Some of the graduate degree programs are jointly supported by the College of Agricultural, Human, and Natural Resource Sciences and the Voiland College of Engineering and Architecture.

### CARSON COLLEGE OF BUSINESS

**Larry W. (Chip) Hunter, Dean**  
**Todd Hall, Room 570**  
**509-335-3596**  
**http://business.wsu.edu**

The Carson College of Business (CCB) is dedicated to world-class research, global learning, professional development, innovative teaching and learning, and the pursuit of excellence in all levels of business education. The college spans campuses across WSU with the largest campus in Pullman, a thriving Global campus, and urban campuses located in Everett, Vancouver, and the Tri-Cities area, and international partnerships and/or programs at the undergraduate or graduate level in China, Czech Republic, Estonia, France, Greece, Ireland, Italy, Korea, Spain, Switzerland, Tanzania, Thailand, and Vietnam. The college conducts scholarly and applied research, and offers degree programs in a variety of business disciplines, and in hospitality business management, supplementing face-to-face offerings through innovative online learning and international programs. Of note, the CCB is among the top two percent of business schools worldwide to be accredited by the Association to Advance Collegiate Schools of Business International (AACSBI) at the baccalaureate, masters, and doctoral levels.

The CCB is dedicated to helping students develop a global perspective and provides students with many opportunities to experience education abroad. In addition to learning about another culture and interacting with students from around the world, study abroad provides students with a lifetime of memories and experiences that will shape their future careers. The CCB’s undergraduate international business program accounts for more than 25 percent of WSU’s participation in study abroad activities and has been ranked in the top 25 nationally since 2005 by U.S. News & World Report.

Innovation and business creation are essential for global competitiveness in the 21st century. Through the CCB’s annual business plan competition and national venture forums, students execute and deliver innovative ventures with real-world applications. The business plan competition provides undergraduate, graduate, and select high school students an opportunity to develop their ideas in interdisciplinary team settings, with experienced entrepreneurs, executives, and venture capitalists as mentors and judges.

The CCB has offered a Master of Business Administration (MBA) for more than 55 years, with graduates occupying leadership positions in all fields of business. The suite of MBA programs includes an Executive MBA, online MBA, full-time MBA, and 1-year professional MBA. The online MBA and the online Executive MBA are ranked in the top 25 Best Online MBA Programs for 2015 by U.S. News & World Report. Additional graduate program offerings include the Master of Accounting and Ph.D. in Business Administration. The Master of Accounting program prepares students for work as certified public accountants,
with a taxation specialization offered in Vancouver. The Doctor of Philosophy in Business prepares its graduates for careers in teaching and research positions and places students at prestigious research institutions.

Additionally, the CCB’s Carson Center for Student Success supports the academic, professional, and personal success of the more than 2,800 students. The Carson Center integrates academic advising, careers and involvement, international experience, and scholarship in a single location. The college also offers the Freshman Admit Program, which provides an opportunity for any incoming first-year student to be automatically accepted into the college after completing program and certification requirements.

**Areas of Study**

The college departments—Accounting; Management, Information Systems, and Entrepreneurship; Finance and Management Science; Marketing and International Business—offer the following majors for the Bachelor of Arts in Business Administration degree:

- Accounting
- Business Administration (Vancouver and Tri-Cities campuses only)
- Entrepreneurship
- Finance
- International Business
- Management
- Management Information Systems
- Marketing

Within the college the School of Hospitality Business Management offers a specialized Bachelor of Arts in Hospitality Business Management degree with majors in:

- Hospitality Business Management
- Wine Business Management

In addition to the MBA, the college offers graduate work leading to the Doctor of Philosophy degree in Business Administration (all areas) and to the Master of Accounting.

The Doctor of Philosophy in Business Administration program at WSU is an intensive program of coursework, research and intellectual interaction with faculty and other students that prepares graduates for careers as academic teachers and researchers. Students work closely with individual faculty members and are actively involved in joint research and publication projects throughout the program.

**Minors**

The CCB offers minors in business administration, human resource management, entrepreneurship, and hospitality business management. For specific information regarding minor requirements, see the business administration and hospitality business management sections of this catalog.

**Admission**

Admission on the Pullman campus is competitive and based on capacity. Students should certify into hospitality business management or a particular business major upon completion of 60 hours of credits and specific course and GPA requirements (see the certification requirements in the business administration section of this catalog). To be eligible to enroll in 300-400-level business or HBM courses, business and hospitality business management students must have certified in their respective majors upon completion of 60 hours of course work and meeting GPA and other certification requirement.

The Freshman Admit Program provides an opportunity for any incoming first-year student who maintains a 3.0 and continues with the program requirements to be automatically accepted into the CCB upon completion of all certification requirements.

For specific information regarding the acceptability of college courses taken at other institutions in areas of study offered by the departments of the CCB, prospective students should communicate with the appropriate department chair or with a CCB advisor in the Carson Center for Student Success.

**Diversity, Recruitment, and Retention**

The CCB is strongly committed to diversifying its student body as well as to improving its retention and graduation rates of underrepresented students. The college strives to create an environment that is supportive and inclusive and where all students can succeed academically and professionally.
It has won national and regional Emmys for student television productions, is recognized nationally for its television news and public relations sequences, and has a faculty and student body with good gender and racial diversity.

Study in the college provides students exposure to state-of-the-art computer-based technologies. The Edward R. Murrow College of Communication has writing labs, advanced video and graphics labs, data analysis lab, broadcast news lab; two television production studios, several video editing suites, radio/audio labs, and student-run radio and cable television stations.

The Edward R. Murrow College of Communication offers major programs in Journalism and Media Production (Broadcast News; Broadcast Production; Multimedia Journalism), Communication and Society (Communication Technology; Science Communication), and Strategic Communication (Advertising; Integrated Communication; Public Relations). The Murrow College offers the only comprehensive broadcast program in the state of Washington. The college is noted for cutting edge professional skill-building and theory, and is one of only a few programs in the nation that airs a daily, student-produced television newscast.

**Admission**

To certify a major plan in communication, a student must meet the following minimum requirements: (1) Complete COM 101, 105 and 138; (2) Sophomore standing (transfer students should have at least 15 graded units from courses in residence at WSU); (3) Complete The Edward R. Murrow College of Communication Grammar and Writing exam administered by the College of Communication.

Certification is based on the number of available seats, applicant's cumulative WSU GPA, number of credits completed at the time of application, and applicant's performance on the Grammar and Writing Exam. Transfer course grades will not be used in the calculation of the cumulative WSU GPA. Students transferring into the College with 55 or more hours should complete the certification requirements within two semesters. All students should certify before earning 90 credit hours.

**Requirements for Graduation**

Requirements for graduation in the College of Communication vary according to the major and the degree to be granted, as described in the departmental sections of this catalog. The student and the advisor jointly have the responsibility of selecting courses to fit the student's native ability and professional interests, consistent with departmental and University Common Requirements (UCORE).

**Degrees**

The College of Communication offers programs of study leading to the following degrees:

**Bachelor of Arts, Communication**

- Communication and Society
- Journalism and Media Production
- Strategic Communication

**Master of Arts**

- Communication
- Strategic Communication

**Doctor of Philosophy**

- Communication

**COlLeGE OF EDUCATION**

**Michael S. Trevisan, Dean**

**Cleveland Hall**

509-335-1738

http://education.wsu.edu

The College of Education consists of the Department of Educational Leadership, Sport Studies, and Educational/Counseling Psychology, and the Department of Teaching and Learning. The college has both degree and certification programs. The College of Education offers degree programs which prepare teachers for elementary school, secondary school, and college instruction; specialists and researchers in a variety of educational fields; administrators for schools, colleges, and universities; and sport-related specialists for private and community agencies. The college also provides professional training in sport science, athletic training, counseling, and counseling psychology. It offers a variety of educational services to local school systems.

At the baccalaureate level, the University Common Requirements (UCORE) provide a foundation for professional work in the College of Education through offerings in the arts and humanities and in the social and natural sciences. Practical experiences are integrated with course work throughout professional preparation curricula.

The mission of the certification programs in the College of Education is to furnish intensive preparation for persons who serve or aspire to serve in teaching, supervisory, special services, or administrative fields at all levels of education as well as in related areas of professional services. Candidates for certification must demonstrate knowledge and competencies at qualified levels of professional practice.

Graduate programs in the College of Education offer advanced course work and field experience in education and human services. Certification in administration is available at the graduate level. Doctoral programs focus on preparation of school administrators and counseling psychologists as well as teacher educators and educational researchers. Graduate programs stress scholarship as a basis for all professional endeavors.

The College of Education is a member of the American Association of Colleges for Teacher Education and the University Council on Educational Administration. The doctoral program in counseling psychology is accredited by the American Psychological Association. The athletic training program is accredited by the Commission on Accreditation of Athletic Training Education.

The College of Education also functions as a service institution for schools and communities in the state of Washington. Applied research services are provided to education and health-related agencies throughout the United States and internationally. Services of faculty are available for consultant purposes, school studies, professional development programs, school seminars, and community conferences in the departmental specialties.

**Degrees**

Degrees offered in the College of Education are as follows:

**Degree**

**Bachelor of Arts**

- Education
- Sport Management

**Bachelor of Science**

- Athletic Training

**Master of Education**

- Curriculum and Instruction
- Educational Leadership (K-12)
- Educational Psychology
- English Language Learners (ELL)
- Higher Education Administration
- Literacy Education
- Special Education
- Sport Management

**Master of Arts**

- Counseling
- Curriculum and Instruction
- Educational Leadership (K-12)
- Educational Psychology
- English Language Learners (ELL)
- Literacy Education
- Special Education
- Sport Management

**Master in Teaching**

- Elementary Education
- Secondary Education

**Doctor of Education**

- Educational Leadership (K-12)
VOILAND COLLEGE OF ENGINEERING AND ARCHITECTURE

Candis Claiborn, Dean
Dana Hall, Room 146
509-335-5593
http://www.cea.wsu.edu

The Voiland College of Engineering and Architecture provides instruction, research, and public service in various engineering disciplines, architecture, construction management, computer science, and materials science. The college offers several engineering degrees including bioengineering, chemical engineering, civil engineering, computer engineering, electrical engineering, materials science and engineering, and mechanical engineering. The School Design and Construction offers degrees in architecture, interior design, landscape architecture, and construction management. The PhD in Materials Science is offered through an interdisciplinary program through the Voiland College of Engineering and Architecture and the College of Arts and Sciences. Online master’s degrees are offered in electrical power engineering and in engineering and technology management.

The college's undergraduate degree programs prepare graduates for both professional careers and advanced study and are known for their practical, hands-on components coupled with a strong foundation of basic principles. The college's programs use formal classroom instruction, coupled with individual and group projects, seminars, and individually directed studies to prepare students to develop solutions that are technically, socially, and economically appropriate. Many students also gain work experience in their fields of interest through employment on college research projects or internships in industry.

The college offers undergraduate degree programs of sufficient breadth to enable its graduates to choose employment from a large number of specialties within their general fields. Opportunities for specialization are made available to qualified students through graduate programs in the various schools and departments.

Faculty, graduate students, and staff in the college perform basic and applied research addressing problems of state, national, and international importance. Research projects are designed to enhance economically, ecologically, and culturally sound use of our material resources and to promote well-balanced industrial and professional development. Research is an integral part of graduate degree programs, providing graduate project topics and opportunities for graduate student interactions with outside professionals. The college's research also strengthens its undergraduate programs by involving undergraduate students in relevant creative exploration and by keeping undergraduate course content current with the latest research developments.

The college provides important educational services to industries, professions, and the general public. Short courses, conferences, and workshops taught by college faculty produce valuable interactions among professionals and deliver current technical information to these audiences. Faculty of the college also serve as editors, authors, and reviewers for professional journals serving the nation and the world.

Students majoring in degrees offered by the Voiland College of Engineering and Architecture are guided in selection of courses in arts and humanities, social sciences, diversity, and communication to University Common Requirements (UCORE) with needs of the major. Students are encouraged to take UCORE courses concurrently with courses in the major to facilitate effective integration of subjects for practical application. Students planning to transfer to Washington State University after completing general education requirements at other institutions should obtain sample schedules of studies for their proposed major at WSU to be familiar with specific requirements for that major.

Additional information regarding the Voiland College of Engineering and Architecture is available online.

Engineering

Engineering practice is based on sound fundamental and practical knowledge of mathematics, the sciences, and liberal arts. Basic sciences and mathematics form the foundation on which engineering science and engineering design courses are built. Engineering courses prepare students to solve problems in society by quantitatively analyzing alternatives and making decisions guided by economics and an awareness of social and ethical issues.

The established undergraduate engineering programs offered by the college are accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.

Registration as a professional engineer, which is granted by each individual state, is required for many types of positions. The professional curricula in engineering at Washington State University are designed to prepare students to pursue a professional engineering license, starting with the Fundamentals of Engineering (FE) Examination.

Seniors in accredited curricula of the Voiland College of Engineering are encouraged (and sometimes required) to take the FE Examination toward professional registration during their final academic year.

The graduate degrees in engineering, listed previously, are offered at the master's and doctoral levels. Students desiring graduate degrees in areas not listed may arrange with the program of interest to pursue a Master of Science in Engineering or Doctor of Philosophy in Engineering Science, allowing their programs of study to be designed for their particular needs and interests. Admission to engineering graduate programs is open to qualified students with a recognized degree in engineering, mathematics, a physical science, or a biological science. Additional information about specific areas of active research may be obtained by contacting the Associate Dean for Research or the appropriate department chair or school director.

Strong supporting courses are available from the Departments of Mathematics, Physics, Chemistry, and the Program in Biology. The graduate programs are also supported by many excellent University facilities such as the Water Research Center, Laboratory for Atmospheric Research, Composite Materials and Engineering Laboratory, Electron Microscopy Center, Power Systems Engineering Research Center, Energy Systems Innovations Center, Center for Multiphase Environmental Research, Integrated Design Experience, Institute for Sustainable Design, Bioengineering Research Center, Center for Materials Research, Smart Environments Research Center, Center for Asphalt Technology, Sports Science Laboratory, and Washington State Transportation Research Center.

Computer Science

Computer science is the scientific foundation for computing, with roots in mathematics, the sciences, and engineering. Computer science encompasses the theory and techniques by which information is represented, processed, stored, and communicated. It deals particularly with the theory of algorithm and the step-by-step procedures for creating software to solve a problem or accomplish some goal. Students study computer software and hardware systems for efficient solution of practical problems. The Bachelor of Science program in computer science, offered through the School of Electrical Engineering and Computer Science, is accredited by the Computing Accreditation Commission of ABET, http://www.abet.org. Curricular specializations available include computer engineering, databases, distributed computing, networks, network security, operating systems, and software engineering. Students use a variety of scientific workstations, graphic workstations, and microcomputer laboratories, all of which are networked to each other and to national networks.

The Bachelor of Arts in Computer Science emphasizes breadth by requiring expertise in computer science and another area. The latter is accomplished through the requirements of a formal minor. The degree is accredited by the Computing Accreditation Commission of ABET, http://www.abet.org.

Design and Construction

The School of Design and Construction offers programs of study in architecture, interior design, landscape architecture, and construction management. Practice in these fields relies on studies of the arts and humanities as well as the sciences and technologies. Courses are designed to provide the breadth and depth of knowledge necessary to respond to the environmental and cultural forces that continually shape the decision-making processes associated with each field.

Programs of study in the school lead to the following degrees: a Bachelor of Science in Architectural Studies (a four-year degree) followed by a 1.5, 2.5, or 3.5 year Master of Architecture degree that is accredited by the National Architectural Accreditation Board (NAAB), a Bachelor of Science in Construction Management (a four-year degree) that is accredited by the American Council for Construction Education (ACCE), a Bachelor of Arts in Interior Design accredited
by the Council for Interior Design Accreditation (CIDA), and a Bachelor of Landscape Architecture accredited by the American Society of Landscape Architects (ASLA). The school also offers a Master of Arts in Interior Design and a Master of Science in Landscape Architecture.

**Admission**

When admitted to Washington State University, students are assigned advisors in their indicated major for the period prior to their being certified in a major. Students may certify into a major after they have completed at least 24 semester credit hours and a prerequisite set of courses for the specific major.

Prospective students in engineering or computer science may apply for certification into the major of their choice upon completion of the applicable program requirements. Prospective students should contact the department or school administering their choice of majors to determine specific courses to be completed, application procedures, and application deadlines for certification. Factors considered in certification decisions include grades in science and math courses, grades in the major, overall grade point average, course repeats, professional experience and goals, and other indicators of the student's potential for successful completion of the curriculum. Students denied certification into an engineering program may appeal to the Dean of the Voiland College of Engineering and Architecture for a review to ensure that departmental procedures were followed.

**Degrees**

Degrees offered in the Voiland College of Engineering and Architecture at the Pullman campus are listed below (exceptions are listed in parentheses):

<table>
<thead>
<tr>
<th>Degree</th>
<th>Academic Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Arts</td>
<td>Computer Science (also Tri-Cities)</td>
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<tr>
<td></td>
<td>Interior Design</td>
</tr>
<tr>
<td>Bachelor of Landscape Architecture</td>
<td>Landscape Architecture</td>
</tr>
<tr>
<td>Bachelor of Science</td>
<td>Architectural Studies</td>
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<tr>
<td></td>
<td>Bioengineering</td>
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<td></td>
<td>Chemical Engineering</td>
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<tr>
<td></td>
<td>Civil Engineering (also Tri-Cities)</td>
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<tr>
<td></td>
<td>Computer Engineering</td>
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<tr>
<td></td>
<td>Computer Science (also Tri-Cities, Vancouver)</td>
</tr>
<tr>
<td></td>
<td>Construction Management</td>
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<tr>
<td></td>
<td>Electrical Engineering (also Everett, Tri-Cities, Vancouver)</td>
</tr>
<tr>
<td></td>
<td>Materials Science and Engineering</td>
</tr>
<tr>
<td></td>
<td>Mechanical Engineering (also Bremerton, Everett, Tri-Cities, Vancouver)</td>
</tr>
<tr>
<td>Master of Architecture</td>
<td>Architecture</td>
</tr>
<tr>
<td>Master of Engineering and Technology Management</td>
<td>Engineering and Technology Management (Spokane, Tri-Cities, Vancouver only)</td>
</tr>
<tr>
<td>Master of Science</td>
<td>Biological and Agricultural Engineering</td>
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<td></td>
<td>Chemical Engineering</td>
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<tr>
<td></td>
<td>Civil Engineering</td>
</tr>
<tr>
<td></td>
<td>Computer Science (also Tri-Cities, Vancouver)</td>
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<td></td>
<td>Electrical Engineering (also Tri-Cities)</td>
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<tr>
<td></td>
<td>Engineering</td>
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<tr>
<td></td>
<td>Environmental Engineering (also Tri-Cities)</td>
</tr>
<tr>
<td></td>
<td>Materials Science and Engineering</td>
</tr>
<tr>
<td></td>
<td>Mechanical Engineering (also Tri-Cities, Vancouver)</td>
</tr>
<tr>
<td>Doctor of Philosophy</td>
<td>Biological and Agricultural Engineering</td>
</tr>
<tr>
<td></td>
<td>Chemical Engineering</td>
</tr>
</tbody>
</table>

**HONORS COLLEGE**

M. Grant Norton, Dean  
Hons Hall, Room 130  
509-335-4505  
http://honors.wsu.edu

The Honors College at Washington State University is one of the oldest and most well-respected honors colleges in the nation. The mission of the Honors College is to offer students an enriched, four-year core curriculum that satisfies University graduation requirements for general education. Students in the University Honors College are not required to complete University Common Requirements (UCORE) because the Honors curriculum fulfills the graduation requirements. However, students who transfer to UCORE before graduation will be held to all University Common Requirements.

The Honors curriculum is designed to be compatible with any major. Through small classes taught by experienced and enthusiastic faculty dedicated to scholarship and learning, the Honors College helps students develop a lifelong love of learning, as well as skills in critical thinking, writing, public presentation, information literacy, and cultural competency. By completing an enriched series of small classes, and a thesis, students admitted into the Honors College acquire the broad foundations of liberal learning in the natural and social sciences, the arts and humanities, and cultures of the world. In addition, the Honors College emphasizes study of foreign languages and education abroad as premier vehicles for gaining key competencies for an increasingly globalized society and economy. The Honors College offers a number of advantageous opportunities for education abroad and requires demonstration of competency in a second spoken language before graduation.

**Admission to the Honors College**

High school students who have shown excellent scholastic ability, intellectual achievement, and motivation should apply to join the Honors College. The Honors College welcomes students from all cultural and academic backgrounds who are willing to take risks and want to engage in this special academic opportunity. Students who have applied to the Honors College and have not been invited within three weeks of their acceptance to WSU should contact Honors. Current first-year students (by credits) at Washington State University who have achieved a college grade point average of at least 3.5 in their first semester should contact Honors if they are interested in the program. Transfer students should complete the Honors application when they submit their WSU application. International students should contact Honors to find out how they can be considered for admission. For more information on the Honors College, please refer to the departmental section of this catalog and our website.

**COLLEGE OF MEDICAL SCIENCES**

Ken Roberts, Acting Dean  
509-358-7516

The Riverpoint Campus in Spokane is the home of the College of Medical Sciences, under the direction of Dr. Kenneth Roberts fosters active learning classrooms and interdisciplinary teaching, research, outreach, and clinical services.

**Degrees**

The College of Medical Sciences offers the following degree programs:

<table>
<thead>
<tr>
<th>Degree</th>
<th>Academic Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Arts</td>
<td>Speech and Hearing Sciences</td>
</tr>
<tr>
<td>Master of Science</td>
<td>Speech and Hearing Sciences</td>
</tr>
</tbody>
</table>

13
COLLEGE OF NURSING

Cindy Corbett, Interim Dean
P.O. Box 1495
Spokane, WA 99210-1495
509-324-7360
http://nursing.wsu.edu

The College of Nursing offers degrees in nursing at the baccalaureate (BSN), master's (MN), Doctor of Nursing Practice (DNP), and PhD levels to develop responsible citizens and to provide the professional knowledge, skills, and values essential to the practice of nursing. The undergraduate program curricula includes both liberal arts education and preparation as a generalist in the practice of nursing. The curriculum at the graduate level provides preparation for advanced, specialized nursing practice, leadership, and research.

Admission and application deadlines for all programs can be found at the College of Nursing website: http://nursing.wsu.edu.

Undergraduate Programs

WSU College of Nursing's undergraduate programs are approved by the Washington State Nursing Care Quality Assurance Commission and are accredited by the Commission on Collegiate Nursing Education. Approximately 800 generic and registered nurse students are enrolled in the baccalaureate nursing programs at the state-wide Health Sciences campus in Spokane, at WSU campuses in the Tri-Cities and Vancouver and sites in Yakima and Walla Walla.

The pre-licensure undergraduate program is open to students beginning a nursing career. The curriculum consists primarily of 300- and 400-level courses and is four academic years in length. The first two years of the curriculum (lower-division component) are completed on the Pullman campus or at any institution offering courses equivalent to those taught at Washington State University. Courses are offered in Spokane, Yakima, and the Tri-Cities.

The post-licensure undergraduate program is open to registered nurses who completed an Associate Degree in nursing and who wish to obtain a baccalaureate degree in nursing. Courses leading to the BSN (300- and 400-level courses) are provided at WSU campuses in Spokane, Tri-Cities and Vancouver as well as in Yakima and Walla Walla.

Graduates practice in a variety of settings, including hospitals, community health agencies, schools, long-term care facilities, occupational health programs, home health care, and community mental health centers.

Admission

All students planning to major in nursing must apply to the Office of Admissions at WSU and be admitted to the University. Requirements may be met at WSU or may be transfer credits from another institution of higher education. The College of Nursing uses a Centralized Application Service (CAS) for prelicensure applicants.

All registered nurses planning to apply to the nursing major at WSU must do so through the Admissions Office at the WSU campus where they will attend classes. Applications are available throughout the year. Students are encouraged to contact an advisor at their campus for lower-division advising.

All registered nurse applicants must be graduates of an approved community college or hospital school of nursing and be currently licensed or eligible for licensure to practice in the state of Washington at the time of application. Admission to the 300-400-level nursing major is based upon evaluation of the student's entire application.

Since the number of applicants to WSU College of Nursing may exceed the number that can be admitted, there is no assurance that all persons meeting the admission criteria will be selected.

Graduate Programs

The Master of Nursing in Population Health (MN-APH) includes three curricular options leading to the Master's degree: nursing leadership, nursing education, and the individualized program of study. The MN-APH program also offers two post-masters certificate options in nursing leadership and nursing education. The RN-MN program at WSU College of Nursing allows RNs with a bachelor's degree in another discipline to pursue an advanced degree while maintaining life's commitments.

The post-baccalaureate DNP Program offers prospective students a baccalaureate degree in nursing the opportunity to earn a degree in one of three areas: Family Nurse Practitioner (DNP-FNP), Psychiatric Mental Health Nurse Practitioner (DNP-PMHNP), or Advanced Population Health (DNP-APH). Graduates of the FNP and PMHNP programs are eligible to complete a national certification examination leading to state licensure as Advanced Registered Nurse Practitioners. The post-master's DNP Program offers prospective students with a master's degree in nursing the opportunity to add expertise in research and leadership to their current practice or to pursue specialization as a DNP-FNP or DNP-PMHNP.

The PhD program in Nursing includes a core of nursing science, analytical, and education, and research courses guiding the student to conduct qualitative or quantitative inquiry. The PhD program prepares students as nurse scientists, able to carry out independent research; and to serve as leaders in nursing education. Full or part-time study is available and all graduate tracks and courses are offered in hybrid delivery (some in class and others via videoconference and web). The Post-Baccalaureate to PhD in Nursing allows students with a baccalaureate (non-nursing degrees are accepted) and a RN license to enter the PhD program after two semesters of Master's level courses.

Professional Development

The Office of Professional Development at the WSU College of Nursing focuses on meeting specific learning needs of registered nurses in the community, state and throughout the country. Cost effective programs are made available to promote professional certification, licensure and re-licensure. The Office of Professional Development is an approved provider of continuing education by the Washington State Nurses Association (an accredited approver by the American Nurses Credentialing Center Commission on Accreditation) and by the Office of the Superintendent of Public Instruction in Washington. For more detailed information on programs offered visit www.nursing.wsu.edu.

Degrees

The degrees offered through the WSU College of Nursing are as follows:

<table>
<thead>
<tr>
<th>Degree</th>
<th>Academic Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Science in Nursing</td>
<td>Generalized practice of</td>
</tr>
<tr>
<td>Master of Health Policy and Administration</td>
<td>professional nursing</td>
</tr>
<tr>
<td>Master of Nursing</td>
<td>Health Policy and Administration</td>
</tr>
<tr>
<td>Doctor of Nursing Practice</td>
<td>Advanced Population Health</td>
</tr>
<tr>
<td>Doctor of Philosophy</td>
<td>Advanced Population Health</td>
</tr>
<tr>
<td>Doctor of Philosophy</td>
<td>Family Nurse Practitioner</td>
</tr>
<tr>
<td>Doctor of Philosophy</td>
<td>Psychiatric Mental Health Nurse</td>
</tr>
<tr>
<td></td>
<td>Practitioner</td>
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COLLEGE OF PHARMACY

Gary Pollack, Dean
Pharmaceutical & Biomedical Sciences Building Room 120K
WSU Spokane Campus
509-368-6605
www.pharmacy.wsu.edu

Doctor of Pharmacy

The College of Pharmacy offers a course of study leading to a Doctor of Pharmacy (PharmD) degree. The PharmD schedule of studies involves four professional years. The first three professional years of the PharmD curriculum are delivered on the WSU Health Sciences campus in Spokane, Washington. In addition to our pharmacy program on the WSU campus in Spokane, a satellite campus is located in Yakima on the campus of Pacific Northwest University Health Sciences (PNWU). The fourth professional year of the PharmD curriculum consists of advanced experiential training, in which students will be assigned to one of the following geographic locations: Spokane, Yakima, Vancouver, Tri-Cities, Wenatchee, Tacoma, or Pullman. Students are expected to complete the majority of their rotations in their assigned geographic locations. Students will gain experience in a variety of health care environments, including community,
The College of Veterinary Medicine offers courses of study leading to the following degrees:

**Degree**  
**Academic Area**

**Doctor of Veterinary Medicine**  
Veterinary Medicine

**Bachelor of Science**  
Biochemistry  
Genetics and Cell Biology  
Microbiology  
Neuroscience

**Master of Science**  
Molecular Biosciences  
Neuroscience  
Veterinary Science

**Doctor of Philosophy**  
Molecular Biosciences  
Neuroscience  
Veterinary Science

**Regional Program in Veterinary Medical Education**  
Washington State University's DVM education program is offered in a regional partnership with the University of Idaho Department of Animal and Veterinary Sciences, Montana State University, and Utah State University School of Veterinary Medicine. This regional program involves instruction on the WSU campus, at Montana State University (Bozeman, MT), Utah State University (Logan, UT), and at the Caine Center in Caldwell, ID (UI). Specific quotas of students to be admitted from Idaho, Montana, and Utah have been established under the terms of these agreements. In addition, the College of Veterinary Medicine at Washington State University is a partner in the Western Interstate Commission for Higher Education (WICHE) with the states of Arizona, Hawaii, Montana, New Mexico, Nevada, North Dakota, and Wyoming. Under the terms of this compact, a student certified and admitted as a resident from one of these states is sponsored financially by their home state and is thus subject only to the same fees as Washington resident students. Students must apply to their home state for WICHE certification in addition to applying to the College of Veterinary Medicine at Washington State University. Additional information regarding WICHE regional veterinary education may be obtained from the Executive Director, Western Interstate Commission for Higher Education, 3035 Center Green Dr., Suite 200, Boulder, CO 80301-2204, 303-541-0214, [http://wiche.edu](http://wiche.edu).