

# Academic programs



**Find your degree.** With a wide range of subject areas and admissions options, you can find the perfect degree for your chosen career. You can choose to apply for direct entry to the university or for a Pathway program that provides extra academic, language and cultural support. From the day you apply to the day you graduate, we are here to help you succeed every step of the way. Flip to the back cover to learn how to apply.

**B = Bachelor's**   **M = Master's**   **D = Doctorate**     Indicates degree programs also available at OSU-Cascades   ● Indicates an OSU degree program is available

**GP** Indicates a Graduate Pathway program can lead to this degree. This degree is available through direct admission.   ▶ Designated STEM degree by the US Department of Homeland Security

**MID** Master's International Direct provides customized support to direct entry students.

## International Year One

Indicates the undergraduate Pathway program that should be taken to progress to an undergraduate academic program. This program is also available through direct admission.

<b>AP</b> All Undergraduate Pathways	<b>EN</b> Engineering	<b>FO</b> Forestry	<b>PP</b> Public Policy
<b>BU</b> Business	<b>ES</b> Exercise and Sport Science	<b>GE</b> General	<b>PS</b> Psychology
<b>CS</b> Computer Science	<b>EV</b> Environmental Economics and Policy	<b>MA</b> Mathematics	<b>SC</b> Science
<b>DA</b> Design, Apparel and Merchandising Management	<b>FS</b> Food Science and Technology	<b>NR</b> Natural Resources and Renewable Materials	<b>WG</b> Women and Gender Studies

## Direct routes

### International Direct (ID)

All first-year undergraduate students have customized support and enhanced student experience for first-year success.

### Master's International Direct (MID)

Programs with the MID route have enhanced first-term support.

	B	M	D
<b>College of Agricultural Sciences</b>			
Agricultural and Food Business Management	SC		
Agricultural Sciences and Education		●	●
Agricultural Sciences	SC		
▶ <b>Animal Science(s)</b> [BS options: Animal Behavior, Animal BioHealth/Pre-Professional, Animal Production, Equine, Rangeland Science]	SC	●	●
Applied Economics		●	●
Biological Data Sciences [BS options: Computational Biology, Ecological and Environmental Informatics, Genomics]	SC		
▶ <b>Bioresource Research</b> [BS options: Animal Reproduction and Development; Applied Genetics; Bioproducts and Bioenergy; Biotechnology; Climate and Biosystems Modeling; Environmental Chemistry; Food Quality; Genomics/Bioinformatics; Pest Biology and Management; Plant Growth and Development; Sustainable Ecosystems; Toxicology; Water Resources]	SC		
▶ <b>Botany</b> [BS options: Comprehensive Botany; Customizable; Ecology, Evolution and Conservation; Molecular, Cellular and Genomic Botany; Mycology and Plant Pathology]	SC		
▶ <b>Botany and Plant Pathology</b>		●	●
▶ <b>Crop and Soil Science</b> [BS Options: Agronomy; Plant Breeding and Genetics; Resilient Agroecosystems; Soil Science]	SC		
▶ <b>Crop Science</b> [MS, PhD options: Entomology; Plant Breeding and Genetics]		●	●
Entomology		●	●
Environmental Economics and Policy	EV		
Fisheries and Wildlife Administration		●	
▶ <b>Fisheries, Wildlife and Conservation Sciences</b>	SC	●	●
▶ <b>Food Science and Sustainable Technology</b> [BS options: Enology and Viticulture; Fermentation Science; Food Science]	FS	●	●
▶ <b>Horticulture</b> [BS options: Ecological Management of Turf, Landscape and Urban Horticulture; General Horticulture; Horticultural Research; Plant Breeding, Genetics and Genomics; Sustainable Horticultural Production; Therapeutic Horticulture; Viticulture and Enology] [MS, PhD options: Entomology; Plant Breeding and Genetics]	NR	●	●
▶ <b>Rangeland Ecology and Management</b>		●	●
▶ <b>Rangeland Sciences</b>	NR		
▶ <b>Soil Science</b>		●	●
▶ <b>Sustainability</b>	SC		
▶ <b>Toxicology</b>		●	●

	B	M	D
<b>College of Business</b>			
Accountancy [BS options: Information Security, Assurance and Analytics; International Business]	BU		
Apparel Design [BS options: Sports Business]	DA		
▶ <b>Business</b> [MSB options: Finance; Financial Analytics; Marketing Insights and Analytics]		GP	MID
<b>Business Administration/MBA</b> [BA, BS options: Digital Marketing; Family Business; General Business (also at OSU-Cascades); Hospitality Management (also at OSU-Cascades); Innovation and Entrepreneurship; International Business (also at OSU-Cascades); Marketing; Merchandising Management; Retail Management; Supply Chain and Logistics Management; Sports Business] [MBA, PhD options: Accounting (MBA only); Business Analytics; Corporate Finance; Human Resource Management; Organizational Leadership; Innovation Management (MBA only); Marketing; Research Thesis; Strategy, Entrepreneurship and Innovation (PhD only); Supply Chain and Logistics Management]	BU	GP	●
▶ <b>Business Analytics</b> [BS options: Accounting; Digital Marketing Analytics; Human Resource Analytics; Consumer Analytics; Sports Business; International Business; Market Research and Consumer Analytics]	●		
Business Information Systems [BA, BS option: International Business]	BU		
Design and Innovation Management Major [BA, BS option: Sports Business]	DA		
Finance [BA, BS option: International Business, Financial Planning]	BU		
Innovation and Entrepreneurship	BU		
Interior Design [BA, BS option: Sports Business]	DA		
Organizational Leadership [BA, BS option: International Business]	BU		
Marketing [BA, BS option: International Business]	BU		
Product and Merchandising Management [BA, BS option: Sports Business]	●		
Supply Chain and Logistics Management [BA, BS option: International Business]	●	●	
<b>College of Earth, Ocean and Atmospheric Sciences</b>			
▶ <b>Climate Science</b>	●		
▶ <b>Environmental Sciences</b> [BS options: Alternative Energy; Applied Ecology; Aquatic Biology; Chemistry and the Environment; Conservation, Resources and Sustainability; Earth Systems; Environmental Agriculture; Environmental Policy and Economics; Environmental Water Resources]	SC		
<b>Geography and Geospatial Science</b>	SC	●	●
▶ <b>Geology</b>	●	●	●
▶ <b>Marine Resource Management</b>		●	
▶ <b>Oceanography</b>	●		
▶ <b>Ocean, Earth and Atmospheric Sciences</b>		●	●
<b>College of Education</b>			
Adult and Higher Education		●	
<b>Counseling</b> [MCoun options: Clinical Mental Health Counseling (OSU-Cascades only); Counselor Education, School Counseling (OSU-Cascades only)]		●	●
<b>Secondary Education</b> [BA, BS options: Advanced Mathematics Teaching; Biology Teaching; Chemistry Teaching; Family and Consumer Sciences Teaching; Foundational Mathematics Teaching; Health Teaching; Integrated Science Teaching; Language Arts Teaching; Physics Teaching; Social Studies Teaching] [MS options: Science Education, Math Education] [PhD options: Agricultural Education; Language Equity and Education Policy; Science/Mathematics Education]	GE		
Elementary Education (also at OSU-Cascades)	GE		
<b>Teaching (MAT)</b> [MAT options: Elementary (OSU-Cascades only), Language Arts (OSU-Cascades only), Mathematics (OSU-Cascades only), Music, Science (OSU-Cascades only), Social Studies (OSU-Cascades only)]		●	
<b>College of Engineering</b>			
▶ <b>Architectural Engineering</b>	EN		
▶ <b>Artificial Intelligence</b>		●	●
▶ <b>Bioengineering</b>	EN	GP	MID
▶ <b>Biological and Ecological Engineering</b>		●	●

	B	M	D
▶ <b>Chemical Engineering</b>	EN	GP	MID
▶ <b>Civil Engineering</b>	EN	GP	MID
▶ <b>Computer Science</b> [BA, BS options: Applied Computer Science, Computer Systems] [BS options: Artificial Intelligence; Bioinformatics; Business and Entrepreneurship; Computer Systems; Cybersecurity; Data Science; Human-Computer Interaction; Robot Intelligence; Simulation and Game Programming; Web and Mobile Application Development]	CS	GP	MID
▶ <b>Construction and Engineering Management</b>	EN		
▶ <b>Ecological Engineering</b>	EN		
▶ <b>Electrical and Computer Engineering</b>	EN	GP	MID
▶ <b>Energy Systems Engineering</b> (OSU-Cascades Only)	EN		
▶ <b>Engineering Science</b> (OSU-Cascades Only) [BS Option: Energy Systems Engineering; Engineering Computing]	EN		
▶ <b>Environmental Engineering</b>	EN	GP	MID
▶ <b>Industrial Engineering</b> [BS options: Business Engineering, Healthcare Systems Engineering, Industrial Automation Engineering] [Graduate options: Advanced Manufacturing, Engineering Management, Human Systems Engineering, Informational Systems Engineering, Manufacturing Systems Engineering]	EN	GP	MID
▶ <b>Materials Science</b>		●	●
▶ <b>Mechanical Engineering</b> [BS options: Aerospace Engineering; Computational Engineering; Energy and Fluid Systems; Materials Design and Manufacturing; Mechanical Engineering Science; Product Design and Manufacturing; Robotic Control] [Graduate options: Advanced Manufacturing; Design; Dynamics and Controls; Engineering Management; Materials Mechanics; Renewable Energy; Robotics and Thermal Fluid Sciences]	EN	GP	●
▶ <b>Nuclear Engineering</b>		●	●
<b>Nuclear Science and Engineering</b> [BS options: Health Physics; Nuclear Materials; Reactor Engineering]	EN		
<b>Outdoor Products</b> (OSU-Cascades Only)	BU		
▶ <b>Radiation Health Physics</b>	SC	●	●
▶ <b>Robotics</b>		●	●
Water Resources Engineering		●	●
<b>College of Forestry</b>			
▶ <b>Forest Ecosystem and Society</b>		●	●
▶ <b>Forest Engineering</b>	FO		
▶ <b>Forest Engineering/Civil Engineering</b>	EN		
▶ <b>Forestry</b> [BS options: Forest Management, Forest Operations Management, Forest Restoration and Fire]	FO		
<b>Natural Resources</b> [BS options: Conservation Law Enforcement; Ecological Restoration; Environmental Disaster Management; Fish and Wildlife Conservation; Forest Ecosystems; Human Dimensions in Natural Resources; Individual Specialty; Intergrated Conservation Analyst; Landscape Analysis; Natural Resource Education; Policy and Management; Urban Forest Landscapes; Wildland Fire Ecology]	NR		
▶ <b>Wood Innovation and Sustainability</b> [BS options: Art and Design; Management and Marketing; Science and Engineering]	NR		
▶ <b>Tourism, Recreation and Adventure Leadership</b> [BS options: Adventure Leadership Education (OSU-Cascades only), Nature, Eco and Adventure Tourism (OSU-Cascades only), Outdoor Recreation Management (OSU-Corvallis only), Sustainable Tourism Management (OSU-Corvallis only)]	FO		
<b>Sustainable Forest Management</b> [MS/PhD Concentrations: Forest Operations Planning and Management; Forest Policy Analysis and Economics; Forest Biometrics and Geomatics; Silviculture, Fire and Forest Health; Forest Soil and Watershed Processes; Engineering for Sustainable Forestry] [MF Options: Forest Business for Private Landowners; Spatial Science and Analysis; Silviculture, Fire and Forest Health]		●	●
▶ <b>Wood Science</b>		●	●
<b>College of Liberal Arts</b>			
<b>American Studies</b> (OSU-Cascades Only) [BA, BS options: American Cultures and Identities; Culture and Natural Environments; General American Studies; Pre-Law Studies]	GE		
<b>Anthropology</b> [BA, BS options: Archeology, Biocultural Anthropology, Cultural Anthropology, Linguistics/General Anthropology]	GE		
<b>Applied Anthropology</b>		●	●
<b>Applied Ethics</b>		●	
<b>Art</b> [BA, BS, BFA options: Art History (BA, BS only), Photography and Digital Studio (BA, BS, BFA); Studio Art (BA, BS, BFA)]	GE		
<b>Arts, Media and Technology</b> (OSU-Cascades Only)	GE		
College Student Services Administration		●	
Communication		●	
<b>Creative Writing</b>	GE	●	
▶ <b>Digital Communication Arts</b>	GE		
<b>Economics</b> [BA, BS Options: General Economics; Law, Economics and Policy; Managerial Economics; Mathematical Economics]	GE		
<b>English</b>	GE	●	
<b>Ethnic Studies</b>	GE		
<b>French</b>	GE		
<b>German</b>	GE		
<b>Graphic Design</b>	GE		
<b>History</b> [MA, MS options: Community History and Civic Engagement; Global Perspectives on War, Peace and Empire; History of Science and Technology]	GE	●	
<b>International Studies</b>		●	
<b>Liberal Studies</b> [BA, BS option: Pre-Education]	GE		
▶ <b>Marine Studies</b>		●	

	B	M	D
<b>Music</b> [BA, BS option: Music Production; Instrumental Performance; Music Education; Piano Performance; Vocal Performance]		●	
<b>Philosophy</b>		GE	
<b>Political Science</b> [BA, BS options: Environmental and Energy Politics; International Affairs; Law and Politics]		GE	
<b>Psychology</b> [MS and PhD only available at Corvallis] [Graduate option: Clinical Science]	PS	●	●
<b>Public Policy</b>	PP	●	●
<b>Religious Studies</b>		GE	
<b>Social Science</b> [BA, BS option: Community Development and Leadership] (OSU-Cascades Only) [BA, BS options: Community Development and Leadership; Cultures and Identities; General Social Science; Humans and the Environment; Law and Society]		GE	
<b>Sociology</b> [BA, BS options: Crime and Justice; Crime, Law, and Deviance; Social Service and Advocacy; Environmental and Natural Resources Sociology]	PP		
<b>Spanish</b>		GE	
<b>Speech Communication</b>		GE	
<b>Theatre Arts</b>		●	
<b>Women, Gender and Sexuality Studies</b>		WG	●
<b>Writing</b> (MFA only available at OSU-Cascades)		●	

## College of Pharmacy

▶ <b>Pharmaceutical Sciences</b>		●	●
<b>Pharmacy, Doctor of Pharmacy (4-year professional program)</b>			●

## College of Health

<b>Adapted Physical Education</b>			●
<b>Athletic Training</b>			●
<b>Healthcare Administration</b>		GE	
<b>Human Development and Family Sciences</b> [BS options: Child Development; Early Childhood (OSU-Cascades only); General Human Development and Family Sciences; Human Services (also at OSU-Cascades)]		ES	●
<b>Kinesiology</b> [BS options: Therapy and Allied Health (also at OSU-Cascades)] [MS, PhD option: Adapted Physical Activity]		ES	●
<b>Nutrition</b> [BS options: Dietetics; Nutrition in Foodservice, Culinary and Food Systems; Nutrition and Health Sciences; Pre-Dietetics] [MS option: Nutrition Research]		ES	●
<b>Public Health</b> [BS options: Health Management and Policy; General Public Health; Health Promotion and Health Behavior] [MPH, PhD options: Biostatistics; Environmental and Occupational Health; Epidemiology; Global Health; Health Promotion and Health Behavior; Health Systems and Policy; Physical Activity; Public Health Practice]		ES	GP
<b>Physical Therapy (DPT)</b> [professional program; OSU-Cascades only]			●

## College of Science

▶ <b>Biochemistry and Biophysics</b> [BS options: Advanced Biophysics; Neuroscience; Pre-Medicine/Biochemistry and Biophysics]		SC	●
▶ <b>Biochemistry and Molecular Biology</b> [BS options: Advanced Molecular Biology, Computational Molecular Biology, Pre-Medicine/Biochemistry and Molecular Biology]		SC	●
<b>BioHealth Sciences</b> [BS options: Pre-Clinical Laboratory Science, Pre-Dentistry, Pre-Medicine/Pre-Podiatry, Pre-Optometry, Pre-Pharmacy, Pre-Physical Therapy, Pre-Physician Assistant]		SC	●
▶ <b>Biology</b> [BS options: Ecology, Genetics, Marine Biology and Ecology, Physiology and Behavior, Pre-Dentistry Biology, Pre-Education Biology, Pre-Medicine Biology, Pre-Veterinary Medicine]		SC	●
▶ <b>Chemistry</b> [BA, BS options: Advanced Biochemistry, Advanced Chemistry, Biochemistry, Business, Chemical Engineering, Chemistry Education, Environmental Chemistry, Forensic Science, Materials Science, Pre-Medicine] [MA, MS concentrations: Analytical Chemistry, Inorganic Chemistry, Materials Chemistry, Nuclear Chemistry, Organic Chemistry, Physical Chemistry]		SC	GP
▶ <b>Data Analytics</b>			●
▶ <b>Integrative Biology</b>			●
▶ <b>Mathematics</b> [BS options: Applied and Computational Mathematics; Mathematical Biology; Secondary Teaching Emphasis; Statistics]		MA	GP
▶ <b>Microbiology</b> [BS options: Aquatic Microbiology, Pre-Medicine/Microbiology]		SC	●
▶ <b>Physics/Applied Physics</b> [BA, BS options: Applied Physics, Astrophysics, Biological Physics, Chemical Physics, Computational Physics, Geophysics, Mathematical Physics, Optical Physics, Physics Teaching/Physics]		SC	●
▶ <b>Statistics</b>			●
▶ <b>Zoology</b>		SC	●

## Carlson College of Veterinary Medicine

<b>Veterinary Medicine - DVM</b>			●
<b>Comparative Health Sciences</b> [MS, PhD options: Biomedical Sciences; Clinical Sciences; Veterinary Health]		GP	GP

## Graduate School Interdisciplinary Programs

▶ <b>Environmental Sciences</b> [MA, MS, PSM, PhD]		GP	MID
<b>Interdisciplinary Studies</b>		●	
▶ <b>Water Resources Engineering</b>		●	●
▶ <b>Water Resources Policy and Management</b>		●	
▶ <b>Water Resources Science</b>		●	●



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