

TRANSFER GUIDE FOR OREGON STATE UNIVERSITY

Major Offered At:

CORVALLIS

LAGRANDE

Treasure Valley
Community College

Rangeland Sciences

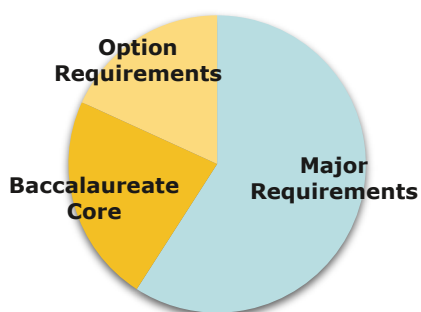
Rangeland sciences is the study and sustainable management of rangelands across a variety of biomes, from arid deserts, to mesic grasslands, to tropical savannahs. The program takes an interdisciplinary approach to provide advanced scientific knowledge regarding multiple ecological processes and social drivers influencing rangeland ecosystems around the globe.

Students gain the skills and knowledge needed to fully understand and effectively manage rangelands.

Students may select an option from:

- Habitat Management
- Pastoral Systems of the World
- Sustainable Livestock Ranching
- Sustainable Rangeland Ecosystem Stewardship

Your Bachelor's Degree (BS) in Rangeland Sciences



- A minimum of 180 credits are required for graduation; 60 must be upper division (300 and 400-level courses).
- A maximum of 135 transfer credits may be applied toward a bachelor's degree at OSU.
- Only courses with letter prefixes and numbers above 100 are accepted.
- More info at: anrs.oregonstate.edu/

Courses Required for Rangeland Sciences Major

This list is not comprehensive. Contact an OSU advisor for more information

Rangeland Science Core Requirements.	Equivalent TVCC Course	OSU Course	Notes
Calculus for Management & Social Sci.	--	MTH 241	Available online at OSU
Elementary Statistics	ST 243Z	ST 243Z	
Biology Intro to Biology	-- --	BI 204 BI 205 BI 206	Only select one full series (either all 211-213 or all of 221-223) OSU now only offers BI 221-223. If taking BI 211-213, you must take entire series at TVCC. Refer to https://admissions.oregonstate.edu/ld1-and-ld-explained to learn more about BI LD2 equivalency.
Principles of Biology	BIOL 211 BIOL 212 BIOL 213	BI LD2 BI LD2 BI LD2	
Chemistry	CHEM 121 CHEM 122 CHEM 123	CH LDT CH 122 CH 123	
Communication	COM 111Z -- COM 218Z	COMM 111Z COMM 114 COMM 218Z	Complete one(1) course COMM 218Z: Available online at OSU
Technical Writing	WR 227Z	WR 227Z	
Intro to Wildland Ecology	--	RNG 121	Available online at OSU
Soil Science Soil Science + Lab Principles of Soil Science	-- --	SOIL 205/206 CSS 205	Complete one(1) option CSS 205: Available online at OSU
Field Sampling of Fish and Wildlife	NATR 252	FW 251	Available online at OSU
Applied Animal Nutrition	--	ANS 313	Available online at OSU

Courses Required for Rangeland Sciences Major: Option specific

Note: Students are not required to complete an option

Habitat Management			
Additional course requirements	TVCC Course	OSU Course	Notes
Natural Resources Management			
Managing NR for Future	--	NR 201	Other courses available, speak with advisor
NR Problems & Solutions	--	NR 202	All courses listed: Available online at OSU
Pastoral Systems			
International Systems			
Global Poverty & Sustain. Develop.	--	AEC 243	Complete two(2) courses from options. Other courses available post-transfer; speak with advisor for selection
Geography of Non-Western World	--	GEOG 105	GEOG 105/203: Available online at OSU
Human-Environment Geography	--	GEOG 203	
Sustainable Livestock Ranching			
Livestock Management			
Intro to Animal Science	ANS 215	ANS 121	Complete 9 credits from options; other courses available post-transfer; speak with advisor for selection
Beef/Dairy Industries		ANS 215	ANS 121: Available online at OSU
Small Ruminant/Swine		ANS 216	
Business Management			
Ag & Food Management	AREC 211	AEC 211	Complete 6 credits from options; other courses available post-transfer; speak with advisor for selection
Intro to Ag & Food Economics	--	AEC 251	ANS 211: Available online at OSU
Sustainable Rangeland Ecosystem Stewardship			
Deeper Plants, Soils, and Water			
Forest Biology	--	FES 240	Complete 12 credits from options; other courses available post-transfer; speak with advisor for selection
Dendrology	F 254	FES 241	All courses listed: Available online at OSU
Business Management			
Intro to Animal Science	ANS 215	ANS 121	Complete 6 credits from options; other courses available post-transfer; speak with advisor for selection
Beef/Dairy Industries		ANS 215	ANS 121: Available online at OSU
Small Ruminant/Swine		ANS 216	
Deeper Natural Resource Mgmt.			
Environmental Law, Policy, Econ.	--	AEC 253	Complete 9 credits from options; other courses available post-transfer; speak with advisor for selection
Managing NR for Future	--	NR 201	
NR Problems & Solutions	--	NR 202	
Recreation Resource Mgmt.	--	TRAL 251	All courses listed: Available online at OSU

General Education Courses (called the Baccalaureate Core)

- Complete one course in each Perspective category with no more than two in the same department.
- Full listing of Treasure Valley CC courses that fulfill Bacc Core requirements: admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-treasure-valley-community-college

SKILLS COURSES	Math Writing I Writing II Speech (Writing III) Fitness (HHS 231 and 241)	Completed as part of major WR 121Z. Required to transfer. Completed as part of major: see advisor for options Completed as part of major: see advisor for options HPE 295
PERSPECTIVE COURSES	Biological Science Physical Science Additional Biological or Physical Science Cultural Diversity Literature and the Arts Social Processes and Institutions Western Culture	Completed as part of major Completed as part of major Completed as part of major Choose one course from BaccCore link above Choose one course from BaccCore link above Completed as part of major: see advisor for options Choose one course from BaccCore link above
DPD COURSE	Difference, Power, & Discrimination	Choose one course from BaccCore link above
SYNTHESIS COURSES	Contemporary Global Issues Science, Technology, & Society	Upper division course, take through OSU Upper division course, take through OSU

Important Notes & Resources

- See a [sample degree plan](#) by searching "Rangeland Sciences" in the OSU Catalog at catalog.oregonstate.edu. Or find a sample degree plan on the Rangeland Science Fact Sheet agsci.oregonstate.edu/degree-fact-sheet/rangeland-sciences
- Rangeland Sciences offers 4 options which allow students to specialize. The options are [Habitat Management](#), [Pastoral Systems of the World](#), [Sustainable Livestock Ranching](#), and [Sustainable Rangeland Ecosystem Stewardship](#). More details can be found by searching "Rangeland Sciences" in the OSU Catalog at catalog.oregonstate.edu
- Other similar majors to explore: [Animal Sciences](#), [Zoology](#). Check out all OSU programs at catalog.oregonstate.edu.
- 100 and 200 level and lower division Baccalaureate Core are priority courses to complete before transferring to OSU.
- For Rangeland Science students, the best time to transfer is fall term, particularly due to the Rangeland Science series courses. Talk with an OSU advisor about your specific timeline.
- It is important to speak with the Rangeland Science Advisor [Janell Johnson](#) early on, and often, to ensure correct course selection and sequencing. Dodi can be reached at janell.johnson@oregonstate.edu

Resources and OSU Information:

- Students do not have to complete a transfer degree in order to transfer to OSU.
 - If you've completed the Oregon AAOT, all requirements of the Baccalaureate Core are complete except for Synthesis Courses and Writing Intensive Courses.
- Preparing to apply to OSU? See transfer student admissions info: transfer.oregonstate.edu
- Want to take classes at both OSU and an Oregon community college? Check out the Degree Partnership Program: partnerships.oregonstate.edu/student-information
- Visit OSU for a campus tour and meet with an advisor; To schedule a visit, go to Corvallis campus: visitosu.oregonstate.edu/visit-campus and LaGrande campus: <https://www.eou.edu/admissions/visit/>.

Advising Contacts

Academic advisors at your community college and OSU are available to answer your questions and assist you in creating a transfer plan. **See your community college advisor first and use this Transfer Guide to help you plan.** It is important to speak with your OSU academic advisor early on, and often, to ensure correct course selection and sequencing.

Treasure Valley Community College	tvcc.cc/advising/index.cfm
Rangeland Sciences Advisor	Janell Johnson 541-737-1870 Janell.johnson@oregonstate.edu

OSU College of Agricultural Sciences prohibits discrimination in all its programs, services, activities, and materials.