

TRANSFER GUIDE FOR OREGON STATE UNIVERSITY

Major Offered At:

CORVALLIS

LAGRANDE

Central Oregon
Community College

Rangeland Sciences

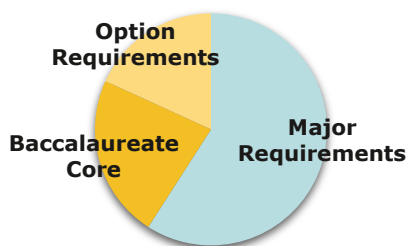
Rangeland sciences is the study and sustainable management of rangelands across a variety of biomes, from arid deserts, to mesic grasslands, to tropical savannahs. The program takes an interdisciplinary approach to provide advanced scientific knowledge regarding multiple ecological processes and social 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: agsci.oregonstate.edu/main/degree/animal-sciences

Courses Required for Rangeland Sciences Major

Rangeland Science Core Requirements This list is not comprehensive. Contact an OSU advisor for more information.	COCC Equivalent Course	OSU Course	Notes
Calculus for Management & Social Sci.	MTH 241	MTH 241	
Principles of Statistics	MTH 243	ST 201	
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 COCC.
Principles of Biology	BI 211 BI 212 BI 213	BI LD2 BI LD2 BI LD2	-Refer to https://admissions.oregonstate.edu/ld1-and-ld2-explained to learn more about BI LD2 equivalency.
Chemistry	CH 104 CH 105 CH 106	CH 121 CH 122 CH 123	CH 121-123: Available online at OSU
Communication	SP 111 SP 114 SP 218	COMM 111 COMM 114 COMM 218	Complete one(1) course
Technical Writing	WR 227	WR 327 (LD)	(LD) = Lower division transfer
Intro to Wildland Ecology	--	RNG 121	Available online at OSU
Soil Science Soil Science + Lab Principles of Soil Science	FOR 208 --	SOIL 205/206 CSS 205	Complete one(1) option CSS 205: Available online at OSU
Field Sampling of Fish and Wildlife	--	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

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

Courses Required for Rangeland Sciences Major: Option specific, cont.

Note: Students are not required to complete an option

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

SKILLS COURSES	Math Writing I Writing II Speech (Writing III) Fitness (HHS 231 and 241)	Completed as part of major WR 121. 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. Janell 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/students
- Visit OSU for a campus tour and meet with an advisor; schedule your visit at visitosu.oregonstate.edu/visit-campus

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. To schedule a visit, go to Corvallis campus: visitosu.oregonstate.edu/visit-campus and LaGrande campus: <https://www.eou.edu/admissions/visit/>.

Central Oregon Community College	cocc.edu/departments/cap/advising/plan.aspx	
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