

# TRANSFER GUIDE FOR OREGON STATE UNIVERSITY

Major Offered At:

CORVALLIS

LAGRANDE

**Mt. Hood  
Community College**

## Rangeland Sciences

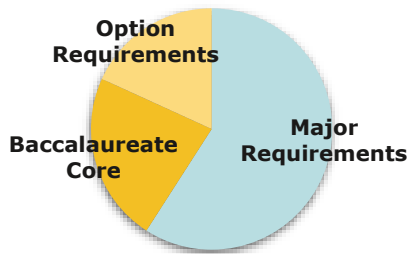
Rangeland sciences is the study and sustainable management of rangelands across a variety of biomes, from arid deserts, to mesic grasslands, to tropical savannahs. The program takes an interdisciplinary approach to provide advanced scientific knowledge regarding multiple ecological processes and social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

## Courses Required for Rangeland Sciences Major

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

Rangeland Science Core Requirements	Equivalent MHCC Course	OSU Course	Notes
Calculus for Management & Social Sci.	--	MTH 241	Available online at OSU
Principles of Statistics	MTH 243	ST 201	
Biology	--	BI 204	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 Mt Hood CC.
Intro to Biology	--	BI 205	
	--	BI 206	
Principles of Biology	BI 211 BI 212 BI 213	BI LD2 BI LD2 BI LD2	Refer to <a href="https://admissions.oregonstate.edu/ld1-and-ld-explained">https://admissions.oregonstate.edu/ld1-and-ld-explained</a> 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	COMM 111 COMM 114 COMM 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 205/206	Complete one(1) option
Soil Science + Lab	--	CSS 205	CSS 205: Available online at OSU
Principles of Soil Science	--		
Field Sampling of Fish and Wildlife	--	FW 255	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 201	Other courses available, speak with advisor
NR Problems & Solutions	--	NR 202	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

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

## 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 Mt. Hood CC courses that fulfill Bacc Core requirements: [admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-mount-hood-community-college](https://admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-mount-hood-community-college)

<b>SKILLS COURSES</b>	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
<b>PERSPECTIVE COURSES</b>	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
<b>DPD COURSE</b>	Difference, Power, & Discrimination	Choose one course from BaccCore link above
<b>SYNTHESIS COURSES</b>	Contemporary Global Issues Science, Technology, & Society	Upper division course, take through OSU Upper division course, take through OSU

## 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](https://visitosu.oregonstate.edu/visit-campus) and LaGrande campus: <https://www.eou.edu/admissions/visit/>.

<b>Mt. Hood Community College</b>	<a href="https://mhcc.edu/Degrees_TransferGuides/">mhcc.edu/Degrees_TransferGuides/</a>	
<b>OSU College of Agricultural Sciences Student Advisor</b>	Dodi Reesman 541-737-4761 <a href="mailto:Dodi.reesman@oregonstate.edu">Dodi.reesman@oregonstate.edu</a>	Michelle Hines, OSU AG & NR Program at EOU in LaGrande, 541-962-3047 <a href="mailto:michelle.hines@oregonstate.edu">michelle.hines@oregonstate.edu</a>