

Major Offered At:

Southwestern Oregon Community College

CORVALLIS

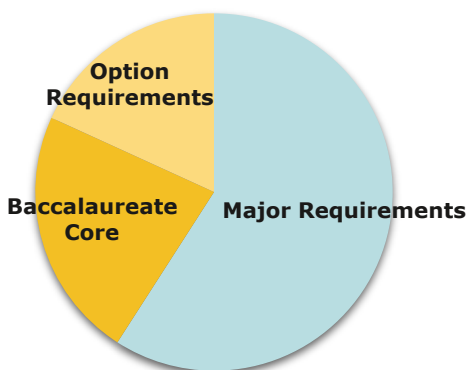
Animal Sciences

The curriculum designates university and departmental requirements for the Bachelors of Science degree in Animal Sciences. Diverse teaching and research programs allow students to gain skills, knowledge, and practical experience. This will prepare students graduating from the program to pursue an assortment of employment opportunities.

Students may select from options:

- Animal Behavior
- Animal BioHealth/Pre-Professional
- Animal Production
- Equine
- Rangeland Sciences.

Your Bachelor's Degree (BS) in Animal 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/degree-fact-sheet/animal-sciences

Courses Required for Animal Sciences Major

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

Animal Science Core Requirements	Equivalent SWOCC Cours	OSU Course	Notes
Precalculus I: Functions	MTH 111Z	MTH 111Z	
Precalculus II: Trigonometry	MTH 112Z	MTH 112Z	
Elementary Statistics	STAT 243Z	ST 243Z	
Biology	BI 211	BI LD2	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 Clackamas. Refer to https://admissions.oregonstate.edu/ld1-and-ld2-explain to learn more about BI LD2 equivalency.
Principles of Biology	BI 212	BI LD2	
	BI 213	BI LD2	
Principles of Biology	----	BI 221	
	----	BI 222	
	----	BI 223	
Intro to Microbiology	BI 234	MB 230	
Chemistry	--	CH 121	CH 121-123: Available online at OSU Only select one full sequence (either all 100-level, or 200-level) Lecture & lab for 200-level Chemistry have separate course numbers at OSU See list of coursework within Options below for further guidance
	--	CH 122	
	--	CH 123	
	CHEM 221	CH 231/261	
	CHEM 222	CH 232/262	
	CHEM 223	CH 233/263	
Additional Science	CHEM 245	CH 331 (LD)	Complete one(1) course from options (LD) = Lower division transfer
	--	BB 331	
Orientation	--	ANS 100	
Intro to Animal Science	--	ANS 121	Available online at OSU

Sophomore Seminar Communication	-- COMM 111Z SP 112 COMM 218Z	ANS 207 COMM 111Z COMM 114 COMM 218Z	Available online at OSU Complete one(1) course from options
Animals Food Technology Applied Animal Nutrition	-- --	ANS 251 ANS 313	Available online at OSU

Business	-- -- BA 250	AEC 211 AEC 221 BA 260	Complete one(1) course from options All courses listed: Available online at OSU
Animal Industries	-- -- -- -- --	ANS 215 ANS 216 ANS 217 ANS 220 ANS 280	Complete two(2) courses from options ANS 280: Available online at OSU See coursework in Options below for further guidance
Additional coursework to complete: 20 credits of Ag Electives		AG AREC CSS FOR FW HORT RNG	Speak with OSU advisor to see how courses may fulfill requirements

Courses Required for Animal Sciences Major: Option specific

Note: Students are not required to complete an option

Additional course requirements	SWOCC Course	OSU Course	Notes
Animal Behavior			
General Psychology I	PSY 201Z	PSY 201Z	
General Psychology II	PSY 202Z	PSY 202Z	
Brain and Behavior	--	PSY 330	
Animal BioHealth/Pre-Professional			
Organic Chemistry	CHEM 245 CHEM 246 CHEM 247	CH 331 CH 337 CH 332	Must pass the ACS organic exam offered as part of SWOCC course to receive upper division credit: chemistry.oregonstate.edu/content/organic-chemistry-transfer-policies#UGOCCC
General Physics I	PH 201	PH 201	
General Physics II	PH 202	PH 202	
Animal Production			
Animal Industries	-- -- --	ANS 215 ANS 216 ANS 217	Complete one(1) course from options Will also fulfill the Animal Industries requirement in Core
Dairy Cattle or Livestock Evaluation	-- --	ANS 230 ANS 231	Complete one(1) course from options
Business	-- BA 230 BA 250	BA 215 BA 230 BA 260	Complete one(1) course from options, speak with advisor for course selection
Equine			
Intro to Horse Science	--	ANS 220	
Choose one emphasis: Management or General Emphasis; or Human or Animal Therapy Emphasis			
Management, General	-- -- BA 230 BA 250	ANS 223 BA 215 BA 230 BA 260	Complete 9 credits; other courses available post-transfer May only complete either BA 230 or AEC 388, not both
Human or Animal Therapy	BA 250 COMM 218Z PHL 102 PSY 201Z PSY 202Z -- --	BA 260 COMM 218Z PHL 205 PSY 201Z PSY 202Z PSY 330 PSY 381	Complete 9 credits; other courses available post-transfer COMM 218 will also complete Communication Requirement All coursework listed: Available online at OSU
Rangeland Sciences			
Animal Industries	-- --	ANS 215 ANS 216	Not required, but recommended for students to Complete these for their Animal Industry selection

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 Southwestern Oregon CC courses that fulfill Bacc Core requirements: admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-southwestern-oregon-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 HE 250 or PE 231
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 "Animal Sciences" in the OSU Catalog at catalog.oregonstate.edu. Or find a sample degree plan on the Animal Sciences Degree Fact Sheet <https://aqsci.oregonstate.edu/degree-fact-sheet/animal-sciences>.
- Animal Sciences offers 5 options which allow students to specialize, however students are not required to choose an option. The options are [Animal Behavior](#), [Animal BioHealth/Pre-Professional](#), [Animal Production](#), [Equine](#), and [Rangeland Science](#). More details can be found by searching "Animal Sciences" in the OSU Catalog at catalog.oregonstate.edu
- Other similar majors to explore: [Rangeland Sciences](#), [Zoology](#). Check out all OSU programs at <http://catalog.oregonstate.edu>.
- Level 100/200 and lower division Baccalaureate Core are priority courses to complete before transferring to OSU.
- For Animal Science students, the best time to transfer is fall term, particularly due to the Animal Sciences series courses. Talk with an OSU advisor about your specific timeline.
- It is important to speak with the Animal 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; 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. See visitosu.oregonstate.edu/visit-campus to schedule your personalized visit.

Southwestern Oregon Community College	www.socc.edu/resources/advising-counseling/
OSU College of Agricultural Sciences Student 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.