

Major Offered At:

CORVALLIS

Treasure Valley Community College

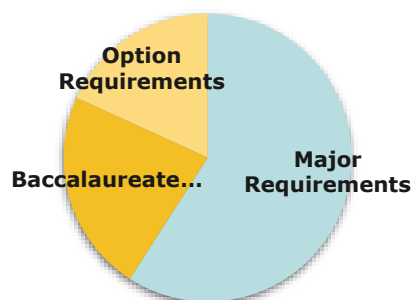
Animal Sciences

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/main/degree/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 TVCC Course	OSU Course	Notes
College Algebra	MATH 111	MTH 111	
Elementary Functions	MATH 112	MTH 112	
Principles of Statistics	MATH 243	ST 201	
Biology	BIOL 221 BIOL 222 BIOL 223	BI LD2 BI LD2 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-explained to learn more about BI LD2 equivalency.
Intro to Microbiology	BIOL 234	MB 230	
Chemistry	CHEM 121 CHEM 122 CHEM 123 <hr/> CHEM 221 CHEM 222 CHEM 223	CH LDT CH 122 CH 123 <hr/> CH 231/261 CH 232/262 CH 233/262	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
Additional Science	CHEM 227 --	CH 331 (LD) BB 331	Complete one(1) course from options (LD) = Lower division transfer
Orientation	--	ANS 100	
Intro to Animal Science	ANS 121/122	ANS 121	Available online at OSU
Sophomore Seminar	--	ANS 207	Available online at OSU
Communication	SP 111 -- --	COMM 111 COMM 114 COMM 218	Complete one(1) course from options COMM 218 available online at OSU
Animals Food Technology	ANS 250	ANS 251	

Applied Animal Nutrition	--	ANS 313	Available online at OSU
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Courses Required for Animal Sciences Major, cont.

Additional course requirements	Equivalent TVCC Course	OSU Course	Notes
Business	AREC 211 AREC 221 BA 260	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 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	TVCC Course	OSU Course	Notes
Animal Behavior			
General Psychology I	PSY 201	PSY 201	
General Psychology II	PSY 203	PSY 202	
Brain and Behavior	--	PSY 330	
Animal BioHealth/Pre-Professional			
Organic Chemistry	CHEM 227 CHEM 228 CHEM 229	CH 331 CH 337 CH 332	Must pass the ACS organic exam offered as part of TVCC course to receive upper division credit: chemistry.oregonstate.edu/content/organic-chemistry-transfer-policies
General Physics I	PHYS 201	PH 201	Available online at OSU
General Physics II	PHYS 202	PH 202	Available online at OSU
Animal Production			
Animal Industries	ANS 215 ANS 216 ANS 217	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 225 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	ANS 220	
Choose one emphasis: Management or General Emphasis; or Human or Animal Therapy Emphasis			
Management, General	ANS 223 -- BA 225 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 -- -- PSY 201 PSY 203 -- --	BA 260 COMM 218 PHL 205 PSY 201 PSY 202 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	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 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 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 "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. 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. See visitosu.oregonstate.edu/visit-campus to schedule your personalized visit.

Treasure Valley Community College	tvcc.cc/advising/index.cfm
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.