



Comparative Health Sciences Graduate Pathway Program

The INTO OSU Graduate Pathway in Comparative Health Sciences is designed to provide a route to a research MS or PhD in Comparative Health Sciences.

About Comparative Health Sciences

This program provides an opportunity for students to be trained in multidisciplinary approaches to investigating biological and medical problems. The CHS program offers both M.S. and Ph.D. degrees focusing on the whole animal system, particularly the use of animal models of disease. Implications of research being carried out under the Comparative Health Program can be applied to a wide range of topics, including human health.

About Comparative Health Sciences Graduate Pathway Program

The program is intended to help students with a degree in a relevant field polish their English language, research and study skills before moving on to the Comparative Health Sciences MS or PhD program. The program is an excellent option for students with a bachelor's degree in health science who require an intermediary step between their bachelor's degree and their Master's or PhD.

A Collaboration Between Departments

The Comparative Health Sciences program is housed within the College of Veterinary Medicine, but various Colleges on campus are participating.

- Veterinary Medicine
- Pharmacy
- Public Health and Human Sciences
- Agricultural Sciences
- Engineering

#37 Best Graduate Program for
Public Health and Human Sciences*

#75 Best Graduate Program
for Biological Sciences

#26 Best Graduate Program
for Veterinary Medicine

Admissions Requirements

3-term Pathway Program

- Undergraduate degree with 3.2 GPA overall and in final year of study
- Any undergraduate degree will be considered. Students should have a strong university-level biology background.
- TOEFL iBT of 70 (16 subscores) **or** IELTS score of 6.0 (5.0 subscores)

Comparative Health Science Structure

Students enrolled in the MS degree will complete a total of 45 graduate credits, including 16 thesis credits. Students enrolled in the PhD degree will complete a total of 108 credits beyond the bachelor's or professional degree.

In year 1, students will complete three research rotations, exploring different fields of active research at the university that students may consider for their thesis research. Due to the specialization of this program to each student's wants and needs, the exact study plan and length of time to complete will vary.

**All rankings mentioned on the flyer come from US News & World Report 2017.*

Comparative Health Science Graduate Pathway Study Plan

Students will take 14-15 credits per term during the Pathway program. The study plan below will vary slightly based on the student's research area of interest.

Term 1	Course Title	Credit Hours
ALS 162	Academic Reading and Writing	3
ALS 161	Academic Listening and Speaking	3
BI 314	Cell and Molecular Biology	4
BB 331	Introduction to Molecular Biology	3
	Topics in Comparative Medicine	2
	Total	15
Term 2	Course Title	Credit Hours
COMM 111	Public Speaking	3
WR 327	Technical Writing	3
ST 351	Introduction to Statistical Methods	4
TBD	Laboratory Rotation	4
	GRE prep	0
	Total	14
Term 3	Course Title	Credit Hours
WR 362	Science Writing	3
BI 213	Principles of Biology	4
NUTR 420	Human Nutrition	3
NUTR 421	Applications to Human Nutrition	1
	Introduction to Research Topics	3
	Total	14

The Linus Pauling Institute at Oregon State University

