Course Description: This course is an introduction to human relationships with domestic animals, examining the domestication process and the effects of domestication on economy, politics, religion, and social organization. With a focus on the diverse domestication trajectories of a variety of animals (including those domesticated for food, clothing, transportation, prestige, and/or companionship), students will integrate archaeological, zoological and genetic data sets to identify and understand the cultural and environmental settings in which domestication took place, and the ways in which these settings shaped the initial domestication and subsequent breeding processes. Through these case studies, which will include cattle, sheep, goats, pigs, horses, llamas, chickens, dogs, cats, and others, the course will address a series of major issues, including debates around definitions of domestication, whether certain animals are more “domesticatable” than others, the nature of differences between wild and domestic animals, the processes involved in the development of diverse breeds, and how domestication transformed human-environmental relationships and human societies.

Core Education Fulfillment: This course fulfills the Natural Science Area of Inquiry. Students will develop foundational knowledge in aspects of zoology (including anatomical and ecological perspectives), genetics, and archaeology, and will learn how to use results from research grounded in one discipline (e.g., a genetic analysis of modern animal populations) to generate hypotheses that can be tested using other lines of evidence (e.g., archaeological finds). Laboratories will allow students to learn the skeletons of domestic animals to understand how the morphologies observed in animal bones recovered from archaeological sites relate to the changes in animals commonly associated with domestication. You will develop your critical and creative thinking skills in this course through activities in lecture and laboratory.

Expected Learning Outcomes:
Following successful completion of this course, students will be able to:

- Outline the domestication histories, including timing and processes, of major domesticated species
- Evaluate debates regarding the effects of domestication on the morphology, genetics, and behavior of animal species
- Describe the effects of diverse domestic animals on human lifeways
- Integrate scientific literature from multiple disciplines, including archaeology, genetics, zoology, and ecology, and generate testable hypotheses to aid in critically evaluating the results from these studies
Course Materials and Modality

This is an in-person course: that means that, unlike online courses, we will meet during scheduled class meeting times in McKenzie 129. I will accommodate illness and absences as described below. If you need additional flexibility in course modality, UO encourages you to consider online courses.

- **Readings** for this course include book chapters and journal articles. All articles and book chapters are available as PDFs through canvas. You do not need to purchase a book for this class.
- **Class Sessions** will be lectures and discussions of the course content. Attendance for these sessions is not graded.
- **Laboratory Sessions** will be explorations of domestic animal anatomy. Attendance for these sessions is graded.

We will strive to record the parts of our class lectures and of laboratory tutorials where we are primarily sharing information and will post those recordings in weekly Canvas modules. As recording our time together can sometimes change how students feel about participation, we will let you know when we are recording. Federal privacy law (FERPA) restricts the sharing of recordings that identify students beyond this class. Please note that recording or sharing the recordings we make without written permission from me is also a violation of the Student Conduct Code.

Contacting your Professor or GE

There are several ways to get in touch with Dr. Dueppen during the term if you have questions about the course content, assignments, or anything related to archaeology.

You can reach me
- over email at dueppen@uoregon.edu or through the canvas message function.
- I will also be holding office hours Wednesday from 11:00 am-1:00 pm each week.
  - From 11-12, office hours will be in-person (Condon 252) and will be masked with the office door open for ventilation. When you arrive, please knock as I may have the door closed if no students are present.
  - From 12-1, office hours will be on zoom. If you join via zoom, you will enter a "waiting room" and I will move you into office hours in the order you arrive.
    https://uoregon.zoom.us/j/705811329?pwd=bkJCamRkUWp3bFINMiRtR0tEalJFQT09

We have two GEs for this course, Victoria Olajide and Sophiie Miller. Please feel free to reach out to them for questions about grading or course material.

- Sophie (366 Condon Hall) can be reached at smiller3@uoregon.edu and will be holding an in-person office hour (Thursday 3:30-4:30 pm) and a Zoom office hour (Friday 1:30-2:30 pm), and is available for appointments. The zoom link for her office hours can be found on your section page, or you can email her if you are not in her section.
- Victoria (365 Condon Hall) can be reached at volajide@uoregon.edu and will be holding an in-person office hour (Wednesday 2:00-3:00 pm) and a Zoom office hour (Monday 2:00-3:00 pm), and is available for appointments. The zoom link for her office hours can be found on your section page, or you can email her if you are not in her section.
Course Assignments and Late Policies

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Points and Frequency</th>
<th>Total Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exams</td>
<td>100 points each x 3 exams</td>
<td>300</td>
</tr>
<tr>
<td>Discussion Posts</td>
<td>5 points for each post</td>
<td>10</td>
</tr>
<tr>
<td>Laboratory Participation</td>
<td>10 points each x 9 laboratories</td>
<td>90</td>
</tr>
</tbody>
</table>

Exams: Four timed, non-cumulative open book exams will be given through canvas. The three highest exam scores will count towards your grade. You do not need to take an exam to drop the score. The first exam will follow the third week of class, the second will follow week five, the third will follow week eight, and the fourth will follow week 10. Exams will be available to take from Friday after laboratory sessions through Monday at 11:59 pm (with the exception of Exam 4, which will be due the day of the scheduled final exam). More information on the exam format will be provided in Week 2.

Laboratory Participation: There will be nine laboratory meetings. Attendance at laboratory meetings is expected and graded, although make-up assignments will be available (see next section of the syllabus).

Discussion Posts: There will be two required discussion posts on canvas, one in week 1 and the other in week 10.

Late Assignment Policies
Exams (excluding Exam 4) will remain open for three days following the due date (until Thursday at 11:59 pm) and may be taken during that window for a 10% penalty. Following that window, you may complete an alternative essay assignment with a 10% penalty. Don’t forget that you can drop your lowest exam score and therefore may not need to make up a missed exam. Penalties are taken off the maximum possible score (e.g., 10% penalty on a 20 point assignment is 2 points). No late exams may be turned in after the final course deadline.

You may make up as many as three missed laboratory sessions by completing a written version of the laboratory exercise. If you anticipate missing more than three sessions, please make an appointment to speak with Dr. Dueppen.

Incomplete Policy
Students are strongly discouraged from taking an incomplete in the course. Incompletes will only be given if:

- the student has completed course assignments with a total potential worth of at least 300 points (75% of the course)
- the student has unusual, unforeseeable extenuating circumstances that prevent them from being able to complete the course assignments during the term

Students wishing to take an incomplete in the course are expected to proactively consult with Dr. Dueppen about their situation. Incompletes are given solely at the professor's discretion.
Grading Scale

This course is graded on a point scale. Grades will be assigned according to the total points earned in the class.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>390 - 400</td>
</tr>
<tr>
<td>A</td>
<td>370 - 389</td>
</tr>
<tr>
<td>A-</td>
<td>360 - 369</td>
</tr>
<tr>
<td>B+</td>
<td>350 - 359</td>
</tr>
<tr>
<td>B</td>
<td>330 - 349</td>
</tr>
<tr>
<td>B-</td>
<td>320 - 329</td>
</tr>
<tr>
<td>C+</td>
<td>310 - 319</td>
</tr>
<tr>
<td>C</td>
<td>290 - 309</td>
</tr>
<tr>
<td>C-</td>
<td>280 - 289</td>
</tr>
<tr>
<td>D+</td>
<td>270 - 279</td>
</tr>
<tr>
<td>D</td>
<td>250 - 269</td>
</tr>
<tr>
<td>D-</td>
<td>240 - 249</td>
</tr>
<tr>
<td>F</td>
<td>0 - 239</td>
</tr>
</tbody>
</table>

If the class is taken P/NP, a C- or higher is required to pass the course.

Expected levels of performance:
A+: Quality of student's performance significantly exceeds all requirements and expectations required for an A grade. Very few, if any, students receive this grade in a given course.
A: Quality of performance is outstanding relative to that required to meet course requirements; demonstrates mastery of course content at the highest level.
B: Quality of performance is significantly above that required to meet course requirements; demonstrates mastery of course content at a high level.
C: Quality of performance meets the course requirements in every respect; demonstrates adequate understanding of course content.
D: Quality of performance is at the minimal level necessary to pass the course, but does not fully meet the course requirements; demonstrates a marginal understanding of course content.
F: Quality of performance in the course is unacceptable and does not meet the course requirements; demonstrates an inadequate understanding of course content.
Covid-Related Policies

Eating and drinking in classrooms is not currently allowed at UO. We ask that class members step outside when they need to eat or drink, take medication, or anything else that necessitates taking off masks. Please feel free to do this whenever you need to—there is no need to ask permission around this. Students who may have mobility issues that make this guidance challenging should contact me.

Academic Disruption due to Campus Emergency

In the event of a campus emergency that disrupts academic activities, course requirements, deadlines, and grading percentages are subject to change. Information about changes in this course will be communicated as soon as possible by email, and on Canvas. If we are not able to meet face-to-face, students should immediately log onto Canvas and read any announcements and/or access alternative assignments. Students are also expected to continue coursework as outlined in this syllabus or other instructions on Canvas.

In the event that the instructor of this course has to quarantine, this course may be taught online during that time.

COVID Containment Plan for Classes

As the University of Oregon returns to in-person instruction, the key to keeping our community healthy and safe involves prevention, containment, and support. Here is information critical to how the UO is responding to COVID-19.

- Prevention: To prevent or reduce the spread of COVID-19 in classrooms and on campus, all students and employees:
  1. Must comply with vaccination policy
  2. Must wear face coverings in all indoor spaces on UO campus
  3. Complete weekly testing if not fully vaccinated or exempted
  4. Wash hands frequently and practice social distancing when possible
  5. Complete daily self-checks
  6. Stay home/do not come to campus if feeling symptomatic
  7. Complete the UO COVID-19 case and contact reporting form if you test positive or have been in close contact with a confirmed or presumptive case.

- Containment: If a student in class tests positive for COVID-19, all relevant classes will be notified via an email by the Corona Corps Care Team with instructions for students and staff based on their vaccination status. Specifically:
  - Vaccinated and Asymptomatic students: Quarantine not required, but daily self-monitoring before coming on campus is advised; sign up for testing through MAP 3-5 days after exposure if advised you are a contact.
  - Unvaccinated or partially vaccinated students: 14-day quarantine advised – do not come to class – and sign up for testing 3-5 days after notification through MAP, if asymptomatic, or through University Health Services (541-346-2770) or your primary care provider, if symptomatic.
  - Symptomatic students: stay home (do not come to class/campus), complete the online case and contact form, and contact University Health Services (541-346-2770) or your primary care provider to arrange for immediate COVID-19 testing.

Students identified as close contacts of a positive case will be contacted by the Corona Corps Care Team (541-346-2292).
Support: The following resources are available to you as a student.

- University Health Services or call (541) 346-2770
- University Counseling Center or call (541) 346-3277 or (541) 346-3227 (after hrs.)
- MAP Covid-19 Testing
- Corona Corps or call (541) 346-2292
- Academic Advising or call (541) 346-3211
- Dean of Students or call (541)-346-3216

Good Classroom Citizenship

- Wear your mask and make sure it fits you well
- Stay home if you’re sick
- Get to know your neighbors in class, and let them know if you test positive
- Get tested regularly
- Watch for signs and symptoms with the daily symptom self-check
- Wash your hands frequently or use hand sanitizer

Complete the UO COVID-19 case and contact reporting form if you test positive or are a close contact of someone who tests positive.

Class and UO Policies and Resources

Inclusion Statement The College of Arts and Sciences at the University of Oregon affirms and actively promotes the right of all individuals to equal opportunity in education at this institution without regard to race, color, sex, national origin, age, religion, marital status, disability, veteran status, sexual orientation, gender identity, gender expression or any other consideration not directly and substantively related to effective performance.

Reporting Obligations: I am a student-directed employee. For information about my reporting obligations as an employee, please see Employee Reporting Obligations on the Office of Investigations and Civil Rights Compliance (OICRC) website. Students experiencing any form of prohibited discrimination or harassment, including sex or gender-based violence, may seek information and resources at safe.uoregon.edu, respect.uoregon.edu, or investigations.uoregon.edu or contact the non-confidential Title IX office/Office of Civil Rights Compliance (541-346-3123), or Dean of Students offices (541-346-3216), or call the 24-7 hotline 541-346-SAFE for help. I am also a mandatory reporter of child abuse. Please find more information at Mandatory Reporting of Child Abuse and Neglect.

Accommodations: The University of Oregon is working to create inclusive learning environments. Please notify me if there are aspects of this course structure that result in disability related barriers to your participation. You may also wish to contact the Office of Accessible Education (346-1155, uoaec@uoregon.edu). Their advisers can help you acquire a letter verifying your disability.

Academic Integrity: The University Student Conduct Code defines academic misconduct, which includes using unauthorized help on assignments and examinations, the use of sources without acknowledgment, and recording class without “the express written permission of the instructor(s).” Academic misconduct is prohibited at UO. I will report misconduct to the Office of Student Conduct and Community Standards—consequences can include failure of the course.
**Classroom and Laboratory Behavior:** Students are expected to be respectful to one another and to the professor and GEs in the classroom and laboratory. Cell phones may not be used during class sessions. In laboratory, students are expected to follow the lab behavior protocols distributed by the GEs.

**Mental Health and Well-Being:** [University Health Services](https://health.uoregon.edu) help students cope with difficult emotions and life stressors. If you need general resources on coping with stress or want to talk with another student who has been in the same place as you, visit the Duck Nest (located in the EMU on the ground floor) and get help from one of the specially trained Peer Wellness Advocates.

University Counseling Services (UCS) has a team of dedicated staff members to support you with your concerns, many of whom can provide identity-based support. All clinical services are free and confidential. Find out more at [counseling.uoregon.edu](https://counseling.uoregon.edu) or by calling 541-346-3227 (anytime UCS is closed, the After-Hours Support and Crisis Line is available by calling this same number).

**Basic Needs:** Any student who has difficulty affording groceries or accessing sufficient food to eat every day, or who lacks a safe and stable place to live is urged to contact the Dean of Students Office (346-3216, 164 Oregon Hall) for support.

The [UO Basic Needs Resource Guide](https://deanofstudents.uoregon.edu/basic-needs) includes resources for food, housing, healthcare, childcare, transportation, technology, finances, and legal support.

**Inclement Weather:** It is generally expected that class will meet unless the University is officially closed for inclement weather. If it becomes necessary to cancel class while the University remains open, this will be announced on Canvas and by email. Updates on inclement weather and closure are also communicated in other ways described here: [https://hr.uoregon.edu/about/hr/campus-notifications/inclement-weather/inclement-weather-immediate-updates](https://hr.uoregon.edu/about/hr/campus-notifications/inclement-weather/inclement-weather-immediate-updates)
Course Topics and Assignment Due Dates

WEEK 1: Introduction and Theories of Domestication

Laboratory: Introduction to Archaeology

WEEK 2: Histories of Domestication, Dogs

Laboratory: Dog

WEEK 3: Cats, Goats

Laboratory: Cat

EXAM 1 available Friday October 15 at 5:00.
Complete by Monday October 18 at 11:59 pm

WEEK 4: Cattle

Laboratory: Sheep


WEEK 5: Sheep, Pigs

Laboratory: Rabbit

EXAM 2 available Friday October 29 at 5:00 pm.
Complete by Monday November 1 at 11:59 pm

WEEK 6: Horses, Donkeys, Llamas
- Orlando 2020, Ancient Genomes Reveal Unexpected Horse Domestication and Management Dynamics. *Bioessays* 42(1):1900164

Laboratory: Horse

WEEK 7: Chickens, Guinea Fowl, Turkeys, Guinea Pigs
(No Class Thursday- Veterans Day Holiday)
- Dueppen 2011, Early Evidence for Chickens at Iron Age Kirikongo (c. AD 100-1450), Burkina Faso *Antiquity* 85:142-157.

Laboratory: Chicken

WEEK 8: Camels, Water Buffalo, Elephants, Reindeer

Laboratory: Llama

EXAM 3 available Friday November 19 at 5:00 pm.
Complete by Monday November 22 at 11:59 pm
WEEK 9: Dogs and Cats Part II
(No Class Thursday- Thanksgiving Holiday)
- Sauther et al. 2020, Taxonomic Identification of Madagascar’s Free-Ranging “Forest Cats” Conservation Genetics, 1-9

Laboratory: No Laboratory Meeting- Thanksgiving Holiday

WEEK 10: Companion Animals, Modern Experiments in Domestication

Laboratory: Summary Discussion

EXAM 4 available Friday December 3 at 5:00 pm.
Complete by 11:59 pm on Monday December 6 (Day of Scheduled Final Exam Period)