

COURSE INFORMATION FORM	
Faculty / Institute	Faculty of Science and Literature
Department	Psychology
Course Code	PSİ 420
Course title	Animal Learning and Cognition
Instructional Language	English
Programs that can take the course	Psychology
Course Type	Elective
Course Level	Undergraduate
ECTS Credit	6
Prerequisites	PSİ 220 – Psychology of Learning
Course Content	Throughout this course, students will be introduced to a broad range of subjects such as individual and social learning, memory formation and retrieval, communication and language, tool use and problem solving, associative mental processes and concept formation, orientation and navigation, and decision making. We will draw parallels, and when necessary, elaborate the distinctions between animal and human behavior for each conceptual topic. Ultimately, this course will present a holistic perspective by bridging the gap between cognitive work in humans and non-human animals.
The Aim of the Course	The aim of this course is to provide students with a comparative framework to understand the concepts in animal cognition.
Course Outcomes	By the end of the course, students will be able to: (1) Understand the basic concepts and controversies in the field of animal cognition. (2) Interpret the differences and similarities between animal and human cognitive capacities. (3) Develop a comparative tool to investigate cognitive processes from a broader perspective.
Textbook and / or References	Wynne, C. D. L., & Udell, M. A. R. (2016). <i>Animal cognition: Evolution, behavior and cognition</i> (2nd ed.). Red Globe Press. Olmstead, M. C., & Kuhlmeier, V. A. (2015). <i>Comparative cognition</i> . Cambridge University Press. Andrews, K. (2014) <i>The animal mind: An introduction to the philosophy of animal cognition</i> . Routledge.

Evaluation Criteria	Percentage
Attendance	10% (Attendance/Participation)
Lab	-
Application	-
Field Study	-
Homework	30%
Presentations	-
Projects	40% (Term Paper)
Seminar	-
Midterm Exams	-
Quiz	-
Final	20%
Total	100%

Course Plan	Subjects to Be Discussed
1. Week	Introduction and Course Dynamics
2. Week	What is Animal Cognition? A Brief History, Scientific Rules, and Caveats
3. Week	Sensory Systems
4. Week	Associative Processes & Memory Formation
5. Week	Categorization and Concept Formation
6. Week	Finding your way: Orientation & Navigation
7. Week	Timing & Numbering
8. Week	Tool Use and Problem Solving + Decision Making
9. Week	Animal Communication and Proto-language
10. Week	Understanding What Others Think: Theory of Mind and Social Competence
11. Week	Prosocial Behavior and Altruism + Social Learning and Proto-culture
12. Week	Animal Consciousness