PSYCHOLOGICAL SCIENCE OPTION

Option Code: A056

This option is available within the Data Science **(**https://catalog.oregonstate.edu/college-departments/science/statistics/data-science-bs-hbs/**) major at the following location:**

- **Corvallis**

Psychological Science examines how people think, feel, and behave through empirical methods and theoretical models. In this option, students build on foundational psychology courses to explore how cognitive processes, decision-making, and behavior intersect with data-driven research, enhancing their understanding of human factors in data science.

This option is designed for Data Science majors who wish to apply psychological principles to user experience research, organizational analytics, human-computer interaction, or advanced studies in psychology. Graduates pursue careers in fields such as technology, business, healthcare, and education, where understanding human behavior is crucial to interpreting and applying data insights. Professional organizations like the American Psychological Association (APA) and the Association for Psychological Science (APS) provide additional resources for ongoing growth in the discipline.

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Upon successful completion of the program, students will meet the following learning outcomes:

- Effectively communicate psychological science research and statistical findings through written and/or oral skills.
- Explain statistical findings relevant to diverse fields such as user experience research, engineering psychology, or human-computer interaction.

Code	Title	Credits
Required Core		
PSY 201Z	+*INTRODUCTION TO PSYCHOLOGY I	4
PSY 202Z	+*INTRODUCTION TO PSYCHOLOGY II	4
PSY 340	COGNITIVE PSYCHOLOGY	4
Electives		
Select additional courses from the following:		11-12
PSY 301	^RESEARCH METHODS IN PSYCHOLOGICAL SCIENCE	
PSY 302	USER EXPERIENCE RESEARCH	
PSY 446	PSYCHOLOGY OF HUMAN COMPUTER INTERACTION	
PSY 463	JUDGMENT AND DECISION MAKING	
PSY 494	ENGINEERING PSYCHOLOGY	
Total Credits		**23-24**

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Baccalaureate Core course. Applies to general education requirements for undergraduate students in a catalog year up to 2024-2025

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Core Education course. Applies to general education requirements for undergraduate students in catalog year 2025-2026 and beyond

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Writing Intensive Curriculum (WIC) course