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# **Module 2 Overview & Checklist**

Introductory Psychology

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# 1 Learning Objective(s)

## 1.1 Textbook Learning Objectives

- Explain how scientific research addresses questions about behavior
- Discuss how scientific research guides public policy
- Appreciate how scientific research can be important in making personal decisions
- Describe the different research methods used by psychologists
- Discuss the strengths and weaknesses of case studies, naturalistic observation, surveys, and archival research
- Compare longitudinal and cross-sectional approaches to research
- Compare and contrast correlation and causation
- Explain what a correlation coefficient tells us about the relationship between variables
- Recognize that correlation does not indicate a cause-and-effect relationship between variables
- Discuss our tendency to look for relationships between variables that do not really exist
- Explain random sampling and assignment of participants into experimental and control groups
- Discuss how experimenter or participant bias could affect the results of an experiment
- Identify independent and dependent variables
- Discuss how research involving human subjects is regulated
- Summarize the processes of informed consent and debriefing
- Explain how research involving animal subjects is regulated

## 1.2 Instructor Learning Objectives

- Understand the critical role research plays in solidifying psychology as a science
- Understand the pitfalls and dangers of unethical research
- Be able to identify the core components and features of a described research design

# 2 Lecture(s) & Participation

- ☐ Attend Week 2 Class Meeting on Thursday, Sept 4
- ☐ Watch Module 2 Lecture and Take Notes (In-class)
- ☐ Participate in Module 2 Lecture Check-in (In-class)

### 3 Reading(s)

*Under “Readings” in Blackboard Module*



Read Chapter 2 of Textbook and Complete Reading Evidence, due on Thursday, Sept 11 at 6:00pm EST on

### 4 Looking Ahead



Quiz 2 Next Week on Thursday, Sept 11, during class - Covers all content from Module 2

### 5 Suggested Weekly Flow

