

# APPLIED RESEARCH IN PSYCHOLOGY, EMPHASIS

The Applied Research in Psychology area of emphasis for the Master of Arts in Psychology degree will provide students with a targeted program of study, including courses that help them build marketable research and technological skills, and will prepare them for a variety of research-based jobs (e.g., program evaluator, research assistant, data analyst). Students will complete the program with the following knowledge, skills, and abilities:

- Develop ethical experimental and non-experimental research protocols with methods and measures fit for IRB approval
- Develop testable and theoretically interesting hypotheses based on reputable past research and a deep understanding of social, developmental, cognitive, and physiological psychology
- Identify appropriate statistical analyses for data based on study methodology and the scales of measurement for research variables
- Use a variety of software and AI programs to clean, code, and analyze data (e.g., SPSS, JASP, Excel, R, CoPilot)
- Use a variety of software and AI programs to create accurate and visually appealing displays of results from statistical analyses (e.g., Excel, Canva, PowerPoint, CoPilot, Power BI)

The coursework required for the Applied Research in Psychology area of emphasis also aligns with the Behavioral Statistics certificate, so students who complete the program will also have the certificate.

## Course Requirements

Code	Title	Credit Hours
<i>Core Requirements</i>		
PSY 506	Psychometrics <sup>1,3</sup>	3
PSY 517	Inter Behavioral Stat <sup>2,3</sup>	3
PSY 603	Ethics of Behavioral Research	3
or PSY 605	Ethic Legal & Prof Issue Psych	
PSY 606	Adv Social Psychology	3
PSY 615	Adv Developmental Psychology	3
PSY 672	Cognition and Emotion	3
PSY 674	Biological Bases of Behavior	3
<i>Area of Emphasis Required Courses</i>		
PSY 527	Computer Applic in PSY <sup>4</sup>	3
PSY 623	Experimental Design <sup>3</sup>	3
<i>Area of Emphasis Electives: Select 3 credit hours if Thesis; Select 6 credits if non-Thesis<sup>3</sup></i>		3-6
PSY 518	Psychology of Personnel	
or PSY 520	Intro to I-O Psychology	
PSY 585, 585, 587, 588 Independent Study		
PSY 624	Multivariate Analysis <sup>4</sup>	
PSY 652	Advanced Regression Techniques <sup>4</sup>	
PSY 650	Performance Appraisal	
PSY 656, 657 Research in Psychology		

PSY 717	Adv Quantitative Analysis	
Comprehensive Exam is required for all MA in Psychology students		
<i>Select Capstone Option or Thesis Option</i>		3-6
<i>Capstone 3 credit hours</i>		
PSY 622	Research Sem in Psych	
PSY 683	I-O Psych Internship	
PSY 685, 685, 687, 688 Independent Study		
<i>Thesis 6 credit hours</i>		
PSY 681	Thesis	
<b>Total Credit Hours</b>		<b>36-39</b>

- <sup>1</sup> Note: If PSY 406 Psychometrics or its equivalent was completed with a B or better as an undergraduate, an acceptable alternative must be substituted, in consultation with the student's advisor.
- <sup>2</sup> Note: If PSY 417 Inter Behavioral Stat or its equivalent was completed with a B or better as an undergraduate, an additional statistics course must be substituted, in consultation with the student's advisor.
- <sup>3</sup> Note: These nine credit hours, PSY 506, 517, 623, go towards the requirements for the Behavioral Statistics Graduate Certificate.
- <sup>4</sup> Note: Select one course, PSY 527, 624, or 652, to meet the elective requirement for the Behavioral Statistics Graduate Certificate.

## Plan of Study (Non-Thesis)

First Year		Credit Hours
<b>Fall</b>		
PSY 517	Inter Behavioral Stat	3
PSY 615	Adv Developmental Psychology	3
PSY 606	Adv Social Psychology	3
<b>Credit Hours</b>		<b>9</b>
<b>Spring</b>		
PSY 603	Ethics of Behavioral Research	3
or PSY 605	or Ethic Legal & Prof Issue Psych	
PSY 623	Experimental Design	3
PSY 674	Biological Bases of Behavior	3
<b>Credit Hours</b>		<b>9</b>
<b>Summer</b>		
PSY 506	Psychometrics	3
PSY 672	Cognition and Emotion	3
Elective (PSY 717 Recommended)		3
<b>Credit Hours</b>		<b>9</b>
<b>Second Year</b>		
<b>Fall</b>		
PSY 520	Intro to I-O Psychology	3
or PSY 518	or Psychology of Personnel	
PSY 527	Computer Applic in PSY	3
PSY 622	Research Sem in Psych	3
Comprehensive Exam is required for all MA in Psychology students		
<b>Credit Hours</b>		<b>9</b>
<b>Total Credit Hours</b>		<b>36</b>

## Plan of Study (Thesis)

### First Year

<b>Fall</b>		<b>Credit Hours</b>
PSY 517	Inter Behavioral Stat	3
PSY 606	Adv Social Psychology	3
PSY 615	Adv Developmental Psychology	3
<b>Credit Hours</b>		<b>9</b>
<b>Spring</b>		
PSY 603 or PSY 605	Ethics of Behavioral Research or Ethic Legal & Prof Issue Psych	3
PSY 623	Experimental Design	3
PSY 674	Biological Bases of Behavior	3
<b>Credit Hours</b>		<b>9</b>
<b>Summer</b>		
PSY 672	Cognition and Emotion	3
PSY 506	Psychometrics	3
PSY 681	Thesis	3
<b>Credit Hours</b>		<b>9</b>
<b>Second Year</b>		
<b>Fall</b>		
Elective ( PSY 518 or PSY 520 recommended)		3
PSY 527	Computer Applic in PSY	3
PSY 681	Thesis	3
Comprehensive Exam is required for all MA in Psychology students		
<b>Credit Hours</b>		<b>9</b>
<b>Total Credit Hours</b>		<b>36</b>