

## Cover Sheet: Request 11739

### Psychology

#### Info

Process	Major Curriculum Modify Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Michael Farrar farrar@ufl.edu
Created	7/18/2017 11:25:10 AM
Updated	11/22/2017 5:27:28 PM
Description of request	1. Add elective options from another department. 2. Modify the requirements for the behavioral and cognitive neuroscience track.

#### Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	CLAS - Psychology 011618000	Michael Farrar		7/18/2017
No document changes					
College	Recycled	CLAS - College of Liberal Arts and Sciences	Michael Farrar	Please remove WST 4XXX Women and Therapy from all documents, as all courses must be approved before any change of major proposal can go forward. Currently, the course is pending at the unit level.	9/25/2017
No document changes					
Department	Approved	CLAS - Psychology 011618000	Michael Farrar		9/28/2017
PsychologyMajor-4r.docx					9/28/2017
WST classes for Psych major-2.docx					9/28/2017
College	Approved	CLAS - College of Liberal Arts and Sciences	Michael Farrar		10/5/2017
No document changes					
University Curriculum Committee	Commented	PV - University Curriculum Committee (UCC)	Michael Farrar	Added to November Agenda.	11/14/2017
No document changes					
University Curriculum Committee	Tabled	PV - University Curriculum Committee (UCC)	Michael Farrar	Tabled for December meeting	11/22/2017
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			11/22/2017
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					

Step	Status	Group	User	Comment	Updated
No document changes					
Catalog					
No document changes					
Academic Assessment Committee Notified					
No document changes					
College Notified					
No document changes					

# Major|Modify\_Curriculum for request 11739

## Info

**Request:** Psychology

**Description of request:** 1. Add elective options from another department.

2. Modify the requirements for the behavioral and cognitive neuroscience track.

**Submitter:** Michael Farrar farrar@ufl.edu

**Created:** 11/21/2017 11:13:24 AM

**Form version:** 3

## Responses

**Major Name**Psychology

**Major Code**PSY

**Degree Program Name** BS

**Undergraduate Innovation Academy Program**No

**Effective Term** Earliest Available

**Effective Year** Earliest Available

**Current Curriculum for Major**See attached document

**Proposed Curriculum Changes** 1. Adding three courses from the Department of Women's Studies to count as electives in the psychology requirements.

WST 3323 Gender, Bodies, and Health

WST 3371 Women, Leadership & Diversity in the Global Environment

WST 4704 Discrimination and Health

2. Adding two other laboratory options for the Behavioral and Cognitive Neuroscience Track and dropping EAB4022C.

Adding EAB4174C (Lab in Applied Behavior Analysis) and PSY4905 (independent project in a psychology faculty behavioral and cognitive neuroscience lab).

3. Requiring PSB3340 and deleting the PSB3002 option

**Pedagogical Rationale/Justification**1. The WST courses contain psychological content and are relevant to the interests of many of our undergraduates. These courses address fundamental or applied psychological issues. For instance, gender is an important component of identity, The other courses are relevant to industrial and organization and health psychology.

1b. When the 4th WST course is approved a new request will be made to include it,

2. The Behavioral and Cognitive Neuroscience Labs are in high demand. The EAB4022C lab is not currently offered so offering additional options will help meet student needs.

3. PSB3340 provides better preparation than PSB3002 for upper level PSB courses. PSB3002 is primarily intended for general psych majors to satisfy their biological requirement. PSB3340 provides more indepth coverage of neuroscience which will provide a stronger foundation for upper level neuroscience courses.

**Impact on Enrollment, Retention, Graduation**These changes will provide more options to students and better preparation.. They are not expected to impact overall enrollment, retention, or graduation.

**Assessment Data Review**The proposed additions are consistent with the department's 4 SLOs:

1. Critical knowledge of basic and applied aspects of core natural science areas within psychology as well as core social science areas within psychology.

2. Knowledge of the design, analysis and interpretation of psychological research.

3. Review, interpret and analyze the literature in psychological science.

4. Clearly and effectively present ideas in speech and in writing that contribute to the dissemination of advances in research in psychological science.

**Academic Learning Compact and Academic Assessment Plan**These courses would be added to the Social Sciences category of the Academic Compact and would be I, R, and A..

# Psychology, Bachelor of Science

Psychology is the science of human and animal behavior. Psychology majors receive a broad science-based liberal arts education. As a result, those with a Bachelor of Science in psychology are widely sought in business, education and mental health fields. For a professional career in psychology, a graduate degree is needed.

## About this Major

- **College:** [Liberal Arts and Sciences](#)
  - **Degree:** Bachelor of Science
  - **Specializations:**
    - [General Psychology; Behavioral and Cognitive Neuroscience](#)
  - **Credits for Degree:** 120
  - [Academic Learning Compact](#)
  - [Additional Information](#)
  - **Contact:** [Email](#)
- 
- [Related Psychology Programs](#)

*To graduate with this major, students must complete all university, college, and major requirements.*

The psychology curriculum at UF provides a strong background to pursue careers in psychology or to prepare students for entry into advanced professional schools such as law or medicine. The curriculum emphasizes the principles and applications of psychological knowledge, both as a natural science and as a social science.

Students in the psychology major can specialize in general psychology or behavioral and cognitive neuroscience. Both specializations require coursework in psychology, statistics, mathematics and biology, and both offer the option to conduct a senior honors thesis if desired. The specializations vary in the specific courses necessary to complete the degree requirements. General psychology requires courses in four core areas within the discipline as well as elective psychology courses. Behavioral and cognitive neuroscience focuses more specifically on natural science-oriented psychology courses and allows students to take limited approved non-psychology courses relevant to contemporary neuroscience. This specialization also requires more math and biology courses than general psychology.

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## Coursework for the Major

A psychology major consists of a minimum of 36 credits with related coursework in biological science, mathematics and statistics. At least 18 of the 36 credits must be taken at the University of Florida. Courses used toward the major must be earned with minimum grades of C.

## **Required Coursework**

Required coursework will depend on the program the student chooses. Coursework for each specialization can be found below.

## **Recommended Coursework**

In addition to regularly scheduled courses, the department offers six individual work courses, four involving research (PCO 4911 Undergraduate Research in Psychology of Health Disparities, PSY 4911 Undergraduate Research in Psychology, PSY 4905 Individual Work and PSY 4970 Senior Thesis), one involving teaching (PSY 4940 Introduction to Teaching in Psychology) and one involving community work (PSY 4949 Community Work in Psychology). In each case, a psychology faculty member or other approved professional serves as supervisor. A maximum of nine credits of individual work courses (CLP 3911, PCO 4911, PSY 4911, PSY 4905, PSY 4940, PSY 4949, PSY 4970) can count toward the major. Contact the [department](#) for more information.

## **Research**

Research in psychology means asking questions about behavior, designing and running experiments and collecting data regarding those questions, analyzing and interpreting the results, and communicating these results to colleagues. Developing research skills is encouraged, especially if students anticipate graduate school in psychology or in other professional areas. [More information](#); look under Research Experience.

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## **General Psychology**

[Critical Tracking Model Semester Plan](#)

### **Required Coursework**

Students in the general psychology specialization are required to complete 36 credits of psychology coursework with minimum grades of C. At least 30 of the 36 credits must be at the 3000-level or above.

- 3 credits, introductory level: PSY 2012 General Psychology (or equivalent, such as a general psychology course taken elsewhere or credit by exam for PSY 2012 via AP, IB, AICE).
- 12 credits, foundation level core: Each of the four foundation areas is an introduction to a substantive area of psychology: biological bases of behavior and mental processes;

developmental changes across the lifespan; learning and cognition; and sociocultural (individual differences) approaches/influences. Students must choose at least one course from each area:

- Biological Bases: CBH 3003 Comparative Psychology, EXP 3104 Sensory Processes, PSB 3002 Physiological Psychology or PSB 3340 Behavioral Neuroscience \*
- \* Students may not take both PSB 3002 and PSB 3340 under any circumstances.
- Developmental Changes: DEP 3053 Developmental Psychology
- Learning and Cognition: EAB 3002 Principles of Behavior Analysis, EAB 3764 Applied Behavior Analysis or EXP 3604 Cognitive Psychology
- Sociocultural / Individual Differences Approaches: CLP 3144 Abnormal Psychology, PPE 3003 Psychology of Personality or SOP 3004 Social Psychology
- 3 credits, laboratory course: PSY 3213L Laboratory Methods in Psychology
- 6 credits, two 4000-level psychology courses (does not count individual work courses)
- 12 credits additional psychology courses: Students must choose additional 3000/4000-level psychology courses to meet the 36-credit minimum requirement (with the exception that three credits of 2000-level courses can count toward this requirement). [Two courses from the Women's Studies department can also be utilized as part of the 12 additional psychology credits \(WST3371; WST4704, WST3323\).](#) In addition, up to nine credits of individual work courses will count toward the 36-credit minimum requirement.

Students who wish to transfer courses in psychology toward the major must see an advisor in the department for approval.

## Related Coursework

**Statistics:** STA 2023 Introduction to Statistics 1 and STA 3024 Introduction to Statistics 2 are also required. STA 2023 is a prerequisite for some 4000-level psychology and laboratory courses. STA 3024 must be taken before or concurrently with any specialized psychology laboratory, and it also counts toward the CLAS requirement of 3000-level electives not in the major.

**Mathematics:** Proficiency through precalculus is required. MAC 1147 Precalculus: Algebra and Trigonometry (or higher course) will meet this requirement. The combination of MAC 1114 Trigonometry and MAC 1140 Precalculus Algebra may be substituted for MAC 1147.

**Biological Science:** BSC 2005 Biological Sciences or BSC 2010 Integrated Principles of Biology 1 is required.

All majors are encouraged to see a psychology advisor in 135 Psychology Building. No appointments are necessary and walk-ins are welcome. [Advising office hours](#)

Most of the foundation-level courses and the laboratory methods course are offered each semester. Special topic and other advanced courses are offered less frequently. Fewer courses are offered in summer.

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## Critical Tracking

Critical Tracking records each student's progress in courses that are required for entry to each major. Please note the critical-tracking requirements below on a per-semester basis.

**For degree requirements outside of the major, refer to CLAS Degree Requirements: [Structure of a CLAS Degree](#).**

Equivalent critical-tracking courses as determined by the State of Florida [Common Course Prerequisites](#) may be used for transfer students.

The following critical-tracking courses are required:

- BSC 2005 or BSC 2010 Biological Sciences or Biology Principles 1
- MAC 1147 or MAC 1140 and MAC 1114 Precalculus Algebra and Trigonometry
- PSY 2012 General Psychology
- PSY 3213L Laboratory Methods in Psychology
- STA 2023 Introduction to Statistics 1

Although not required in the first five semesters, additional psychology courses taken in semesters 1-5 count toward the critical-tracking GPA for the major.

### Semester 1

- Complete MAC 1140 or MAC 1147
- 2.4 UF GPA required

### Semester 2

- Complete PSY 2012; if MAC 1140 is taken in semester 1, MAC 1114 must be taken semester 2
- 2.6 UF GPA required

### Semester 3

- Complete 2 critical-tracking courses from BSC 2005 or BSC 2010, STA 2023 or PSY 3213L with a 2.6 critical-tracking GPA  
*Students should take PSY 3213L in semester 3 or 4 before taking any additional 3000-level or above psychology courses.*
- 2.7 UF GPA required

### Semester 4

- Complete BSC 2005 or BSC 2010 and STA 2023 (if not previously taken) with a 2.75 critical-tracking GPA
- 2.8 UF GPA required

## Semester 5

- Complete PSY 3213L (if not previously taken) with 2.75 critical-tracking GPA. Additional Psychology courses taken in semesters 1-5 are included in the critical-tracking GPA.
- 2.8 UF GPA required

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## Model Semester Plan

Students are expected to complete the writing requirement while in the process of taking the courses below. Students are also expected to complete the general education international (GE-N) and diversity (GE-D) requirements concurrently with another general education requirement (typically, GE-C, H or S).

*This semester plan represents an example progression through the major. Actual courses and course order may be different depending on the student's academic record and scheduling availability of courses. Prerequisites still apply.*

Semester 1	Credits
IUF 1000 What is the Good Life <i>GE-H</i>	3
MAC 1147 Precalculus: Algebra and Trigonometry <a href="#">State Core GE-M</a>	4
Foreign language	4-5
Physical Science <i>GE-P</i>	3
Total	14-15

Semester 2	Credits
PSY 2012 General Psychology <a href="#">State Core GE-S</a>	3
Composition <a href="#">State Core GE-C; WR</a>	3
Elective	3
Foreign language	3-5
Humanities <a href="#">State Core GE-H</a>	3

Total	15-17
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Semester 3	Credits
BSC 2005 Biological Sciences <i>or</i> BSC 2010 Integrated Principles of Biology 1 <a href="#"><u>State Core GE-B</u></a>	3
PSY 3213L Laboratory Methods in Psychology	3
Electives <i>3 credits of foreign language if 4-3-3 option</i>	6
Humanities <i>GE-H</i>	3
Total	15

Semester 4	Credits
STA 2023 Introduction to Statistics 1 <i>GE-M</i>	3
Elective	3
Foundation-level psychology course	3
Foundation-level psychology course <i>GE-S</i>	3
Physical Science <i>GE-P</i>	3
Total	15

Semester 5	Credits
Composition <i>GE-C; WR</i>	3
Foundation-level psychology course <i>GE-B</i>	3
Foundation-level psychology course <i>GE-S</i>	3
Electives	6
Total	15

Semester 6	Credits
STA 3024 Introduction to Statistics 2 <i>GE-M; counts as a 3000-level or above elective, not in the major</i>	3
Electives <i>3000 level or above, not in major</i>	6
Psychology courses <i>3000 level or above, at least one 4000-level</i>	6
Total	15

Semester 7	Credits
Elective	3
Electives <i>3000 level or above, not in major</i>	6
Psychology courses <i>3000 level or above, at least one 4000-level</i>	6
Total	15

Semester 8	Credits
Psychology courses <i>3000 level or above</i>	6
Elective <i>3000 level or above, not in major</i>	3
Electives	7
Total	16

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## Behavioral and Cognitive Neuroscience

### [Critical Tracking Model Semester Plan](#)

#### Required Coursework

Students in the behavioral and cognitive neuroscience specialization are required to complete 36 credits of coursework with minimum grades of C. At least 22 credits must be taken in psychology.

- 3 credits, introductory level: PSY 2012 General Psychology (or its equivalent, such as a general psychology course taken elsewhere or credit by exam for PSY 2012 via AP, IB, AICE, etc.)
- 6 credits, foundation core: Each is an introduction to the substantive areas of behavioral and cognitive neuroscience: biological bases of behavior and mental processes, and learning and cognition. Students must choose at least one course from each area:
  - Biological Bases: ~~PSB 3002 Physiological Psychology~~ or PSB 3340 Behavioral Neuroscience
  - Learning and Cognition: EXP 3604 Cognitive Psychology
- 7 credits, laboratory courses: PSY 3213L Laboratory Methods in Psychology (a 3-credit general laboratory course) and a specialized psychology laboratory course (EAB ~~4714C 4022C~~ Laboratory in Applied Procedures in Behavior Analysis, EXP 4174C Laboratory in Sensory Processes, or PSB 4343C Laboratory in Cognitive Neuroscience), or PSY4905, Independent research in Behavioral and Cognitive Neuroscience psychology faculty research lab.

- 6 credits, two 4000-level psychology courses with a PSB or EXP prefix or approval of the undergraduate coordinator. These courses must be taken in addition to the required laboratory course and individual work courses.
- 14 credits additional courses: Students must choose 14 or more credits of psychology courses or approved neuroscience-relevant courses outside psychology to meet the 36-credit minimum requirement
  - 3 credits may be at the 2000-level or higher
  - The remaining 11 or more credits must be at the 3000/4000-level
  - Any neuroscience-relevant courses outside psychology must be approved by a psychology advisor before enrollment

*Students may not take both PSB 3002 and PSB 3340 under any circumstances.*

Students who wish to transfer courses in psychology toward the major must see an advisor in the department for approval.

## Related Coursework

- **Statistics:** STA 2023 Introduction to Statistics 1 and STA 3024 Introduction to Statistics 2 are also required. STA 2023 is a prerequisite for some 4000-level psychology and laboratory courses. STA 3024 must be taken before or concurrently with any specialized psychology laboratory, and it counts as a 3000+ level elective not in the major.
- **Mathematics:** Proficiency through Calculus 2 is required. MAC 2311 Analytic Geometry and Calculus 1 and MAC 2312 Analytic Geometry and Calculus 2 meet this requirement.
- **Biological Science:** BSC 2010 Integrated Principles of Biology 1 and BSC 2011 Integrated Principles of Biology 2 are required.

All majors are encouraged to see a psychology advisor in 135 Psychology Building. No appointments are necessary and walk-ins are welcome. [Advising office hours](#).

Most of the foundation-level courses and the laboratory methods course are offered each semester. Special topic and other advanced courses are offered less frequently. Fewer courses are offered in summer.

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## Critical Tracking

Critical Tracking records each student's progress in courses that are required for entry to each major. Please note the critical-tracking requirements below on a per-semester basis.

**For degree requirements outside of the major, refer to CLAS Degree Requirements: [Structure of a CLAS Degree](#).**

Equivalent critical-tracking courses as determined by the State of Florida [Common Course Prerequisites](#) may be used for transfer students.

The following critical-tracking courses are required:

- BSC 2010 Integrated Principles of Biology 1
- MAC 2311 Analytic Geometry and Calculus 1
- MAC 2312 Analytic Geometry and Calculus 2
- PSY 2012 General Psychology
- PSY 3213L Laboratory Methods in Psychology
- STA 2023 Introduction to Statistics 1
- [Although not required in the first five semesters, additional psychology courses taken in semesters 1-5 count toward the critical-tracking GPA for the major.](#)

### **Semester 1**

- Complete MAC 1147 or MAC 2311
- 2.4 UF GPA required

### **Semester 2**

- Complete MAC 2311
- Complete PSY 2012
- 2.6 UF GPA required

### **Semester 3**

- Complete 2 of the following critical-tracking courses: BSC 2010, MAC 2312 or PSY 3213L with a 2.6 critical-tracking GPA  
*Students should take PSY 3213L in semester 3 or 4 before taking any additional 3000-level or above psychology courses.*
- 2.7 UF GPA required

### **Semester 4**

- Complete 1 tracking course from BSC 2010, MAC 2312, PSY 3213L or STA 2023 with a 2.75 critical-tracking GPA
- 2.8 UF GPA required

### **Semester 5**

- Complete the final tracking course (BSC 2010, MAC 2312, PSY 3213L or STA 2023) with a 2.75 critical-tracking GPA. Additional psychology courses taken in semesters 1-5 are included in the critical-tracking GPA.
- 2.8 UF GPA required

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## Model Semester Plan

Students are expected to complete the writing requirement while in the process of taking the courses below. Students are also expected to complete the general education international (GE-N) and diversity (GE-D) requirements concurrently with another general education requirement (typically, GE-C, H or S).

*This semester plan represents an example progression through the major. Actual courses and course order may be different depending on the student's academic record and scheduling availability of courses. Prerequisites still apply.*

Semester 1	Credits
IUF 1000 What is the Good Life <i>GE-H</i>	3
MAC 2311 Analytic Geometry and Calculus 1 <a href="#">State Core GE-M</a> ; take MAC 1147, if needed	4
Foreign language	4-5
Physical Science <i>GE-P</i>	3
Total	14-15
Semester 2	Credits
MAC 2312 Analytic Geometry and Calculus 2 <i>GE-M</i>	4
PSY 2012 General Psychology <a href="#">State Core GE-S</a>	3
Composition <a href="#">State Core GE-C</a> ; WR	3
Foreign language	3-5
Humanities <a href="#">State Core GE-H</a>	3
Total	16-18
Semester 3	Credits
BSC 2010 Integrated Principles of Biology 1 <a href="#">State Core GE-B</a>	3
PSY 3213L Laboratory Methods in Psychology	3
Electives <i>3 credits of foreign language if 4-3-3 option</i>	6
Humanities <i>GE-H</i>	3
Total	15

Semester 4	Credits
BSC 2011 Integrated Principles of Biology 2 <i>GE-B</i>	3
STA 2023 Introduction to Statistics 1 <i>GE-M</i>	3
Elective	3
Foundation-level psychology course <i>EXP 3604 (GE-S), <del>PSB 3002</del>, or PSB 3340</i>	3
Physical Science <i>GE-P</i>	3
Total	15

Semester 5	Credits
STA 3024 Introduction to Statistics 2 <i>GE-M; counts as a 3000-level or above elective, not in the major</i>	3
Foundation-level psychology course <i>EXP 3604 (GE-S), <del>PSB 3002</del>, or PSB 3340</i>	3
Approved neuroscience-relevant course outside psychology or Psychology course (3000-level or above)	3
Electives	6
Total	15

Semester 6	Credits
Approved neuroscience-relevant course outside psychology or Psychology course ( <i>GE-S; 3000 level or above</i> )	3
Composition <i>GE-C; WR</i>	3
Electives <i>3000 level or above, not in major</i>	6
Psychology course <i>PSB or EXP prefix; 4000 level</i>	3
Total	15

Semester 7	Credits
Elective	3
Electives <i>3000 level or above, not in major</i>	6
Psychology course <i>PSB or EXP prefix; 4000 level</i>	3
Specialized psychology laboratory course <i>EAB <del>4022</del>4714C, PSB 4343C, <del>or</del> EXP 4174C, or PSY4905</i>	4

Total	16
<b>Semester 8</b>	<b>Credits</b>
Approved neuroscience-relevant course outside psychology <i>or</i> Psychology courses (3000 level or above)	8
Elective 3000 level or above, not in major	3
Elective	3
Total	14

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### Related Psychology Programs

- [Bachelor of Arts in Psychology, UF Online](#)

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July 8, 2017

To: The Psychology Department Undergraduate Curriculum Committee  
From: The Center for Gender, Sexualities, and Women's Studies Research  
Re: Proposal to count WST classes for the Psychology major

We are writing to seek your support to count four WST courses as electives for the Psychology major. We believe these courses contain considerable overlap with Psychology and will appeal to students double majoring in PSY and WMS, as well as to a broader audience of PSY students interested in gender. We typically have seats open in each of these courses (with the exception of WST 3371, which is online) at the beginning of each semester, and anticipate being able to comfortably accommodate an additional 15 students each time the courses are offered. The courses are:

### **WST 3323 Gender, Bodies, and Health**

*Credits: 3; Prereq: Sophomore standing.*

Examines how gender is "worn" on the female body. Adopting a feminist interdisciplinary approach, explores three themes: cisgender female biology in social context, bodily practices concerning food and exercise, and disease (i.e., cancer). Examines intersections of gender, race, class, and disability, and role of activism/policy changes in improving people's health.

### **WST 3371 Women, Leadership & Diversity in the Global Environment**

*Credits: 3; Prereq: Sophomore standing or instructor permission.*

Examines leadership concepts in general, and for women in particular. Covers leadership strategies in a historical framework, leadership dilemmas in various industries (locally and globally), and experiential and case-study based leadership.

### **WST 4704 Discrimination and Health**

*Credits: 3; Prereq: PSY 2012 or any WST course or junior standing.*

Examines discrimination and health from a variety of perspectives. Explores links of discrimination experiences with health behaviors and outcomes, discrimination in healthcare settings, and routes to improving health at individual, group, and legislative levels. Addresses multiple forms of discrimination (e.g., race, sex, class, sexual orientation/gender identity) and their intersections.