MEMORANDUM TO: Ogden College of Science and Engineering Curriculum Committee

Dr. Melanie Autin Dr. Nahid Gani Dr. Scott Grubbs Dr. Ting-Hui Lee Dr. Jeremy Maddox Dr. Andy Mienaltowski Dr. Les Pesterfield Dr. Todd Willian Mr. Jason Wilson

FROM: Dr. Stuart Burris, Chair

SUBJECT: Agenda for <u>Thursday, October 5, 2023</u>

A. OLD BUSINESS:

I. Consideration of the minutes of the September 7, 2023 meeting.

B. NEW BUSINESS:

Type of item	Description of Item & Contact Information				
Informational	The following items were sent through the expedited process:				
Proposals not	Proposal to Add or Revise Course Student Learning Outcomes &				
attached.	Content Outlines				
	AGRO 110, 111, 310, 320, 350, 351, 352, 409, 410, 418, 420, 421, 422, 452, 454, 457, 458, 459, 475				
	CS 331, 381, 396, 450, 456				
	EE 101, 180, 200, 210, 211, 300, 345, 380, 410, 411, 420, 431, 436, 443,				
	445, 450, 451, 460, 461, 470, 473, 475, 477, 479, 480, 490				
	EM 222, 303, 331				
	ENGR 360, 400, 490, 491				
	MATH 183				
	ME 176, 200, 220, 241, 332, 347				
	STAT 301, 330, 401, 402, 440				
	Proposal to Suspend/Delete				
	AMS 120M1-M3, AMS 250M1-M3, AMS 217M1-M3, AMS 227M1-M3,				
	AMS 271M1-M3, AMS 310M1-M3, AMS 328M1-M3, AMS 342M1-M3,				
	AMS 343M1-M3, AMS 352M1-M3, AMS 356M1-M3, AMS 368M1-M3,				
	AMS 370M1-M3, AMS 371M1-M3, AMS 390M1-M3, AMS 394M1-M3,				
	AMS 396M1-M3, AMS 430M1-M3, AMS 490M1-M3				
	EE 130, EE 350, EE 405, EE 432, EE 462, SEAS 210, SEAS 389, SEAS 471				
Action	Proposal to Revise Course Pre/Corequisites				
	PSYS 482: Psychology of Sexuality				
	Contact: Andrew Mienaltowski, Andrew.mienaltowski@wku.edu				
Action	Proposal to Revise a Program				
	Ref. 747E/747: Psychological Science, Bachelor of Science				
	Contact: Andrew Mienaltowski, Andrew.mienaltowski@wku.edu				

C. OTHER BUSINESS

Minutes – OCSE Curriculum Committee

September 2023

Members Present:

Dr. Melanie Autin Dr. Nahid Gani Dr. Scott Grubbs Dr. Ting-Hui Lee Dr. Andy Mienaltowski Dr. Les Pesterfield Dr. Todd Willian Mr. Jason Wilson Dr. Bangbo Yan

Guests: Dr. Mike Carini, Dr. Michael Smith

FROM: Dr. Stuart Burris, Chair

The meeting was called to order at 4:00pm.

OLD BUSINESS:

Minutes from the April 2023 meeting were approved as posted.

NEW BUSINESS:

Action Agenda:

PHYS 410: Wilson, Autin; approved
Ref. 1748 Emergency Management/Disaster Science: Wilson, Grubbs; approved
NEUR 175: Willian, Lee; approved
NEUR 300: Autin, Willian; approved
NEUR 310: Autin, Gani; approved
NEUR 401: Wilson, Grubbs; approved with friendly amendment in re content outline
NEUR 402: Grubbs, Willian; approved
NEUR 498: Autin, Gani; approved with friendly amendment in re class restriction
Ref TBD Neuroscience: Autin, Willian; approved with friendly amendment in re Program Overview catalog copy

Other Business:

Calendar Review and Notes

Adjourned at 4:55

Course Change Request

Date Submitted: 09/12/23 1:16 pm

Viewing: PSYS 482 : Psychology of

Sexuality

Also listed as: PSY 345 / PSYS 345

Last revision: 09/12/23 1:16 pm

Changes proposed by: and30774

Catalog Pages referencing this course **PSYS 482:** <u>Colonnade Requirements</u>

Proposed Action

Active

Contact(s)

()				
Name		E-mail	Phone	
Andrew Mienaltowski		andrew.mienaltowski@wku.edu	<u>270-681-0270</u>	
Review Type <u>Full Rev</u>		iew		
Term for Fall 2022 implementation		2		
Academic Level Undergr		aduate		
Course prefix PSYS - Psychological Sciences (subject area)		Psychological Sciences	Course number	482
Department Psychological Sciences				

In Workflow

- 1. PSYS Approval
- 2. SC Dean
- 3. SC Curriculum Committee
- 4. Colonnade Committee
- 5. Undergraduate Curriculum Committee
- 6. University Senate
- 7. Provost

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8. Course Inventory

Approval Path

- 1. 09/20/23 3:31 pm Matthew Shake (matthew.shake): Approved for PSYS Approval
- 2. 10/02/23 12:53 pm Stuart Burris (stuart.burris): Approved for SC Dean

10/4/23, 7:49 AM	PSYS 482: Psychology of Sexuality
College	Science and Engineering
Course title Psychology of Sexu	ality
Abbreviated course title	PSYCHOLOGY OF SEXUALITY

Course description PSY 100 or PSYS 100, or PSY 220 or PSYS220. Explores psychol aspects of sexuality including sexual development across the life s behavior, sex and gender, sexual orientation, sexuality and religiou	span, consensual and coercive sexual			
Credit hours 3				
Repeatable Yes Number of repeats 2				
For maximum credits 3				
Default grade type Standard Letter Alternate grade ty	/pe(s)			
Is this course intended to span more than one term?				
No				
Schedule type Lecture				
CIP Code 420101 - Psychology, General.				
Does this course have prerequisites				

Yes

Prerequisites

And/Or	(Course/Test Code	Min Grade/Score	Academic Level)	Concurrency?
	(PSYS 100	D	UG		
Or		PSY 100	D	UG)	
Or	(PSYS 220	D	UG		
Or		PSY 220	D	UG)	
<u>Or</u>		<u>PSYS 160</u>	D	<u>UG</u>		
And		CONE	Y			

10/4/23, 7:49 AM	PSYS 482: Psychology of Sexuality		
Corequisites			
Equivalent Courses PSY 345	Department		
	Psychology		
	College		
	Education & Behavioral Science		
PSYS 345	Department		
	Psychological Sciences		
	College		
	Science and Engineering		

Restrictions:

College restriction?	No
Field of study restriction/major?	No
Classification restriction?	No
Departmental Restrictions	

Reason for changing

the course

The only change being proposed is to add PSYS 160 as an acceptable prerequisite for the course along with the existing prerequisites. PSYS 160 is a Colonnade course in the Explorations - Natural and Physical Sciences category. An important element of PSYS 482 PSYCHOLOGY OF SEXUALITY across many topics within the class is the role of physiology in human sexuality. Hormones, physiology and anatomy all contribute to our understanding of sexual development, sex drive and sexual response. PSYS 160 INTRODUCTION TO BIOPSYCHOLOGY provides an introduction to these important foundational elements within a psychological context. As such PSYS 160 should be added as one of the prerequisite courses for PSYS 482. This update would allow a student to enroll in PSYS 482 if they have taken any one of PSYS (PSY) 100, PSYS (PSY) 220 or PSYS 160.

<u>PSYS 482 is already approved in the Colonnade Connections Systems category and no change in this</u> <u>designation is being requested.</u>

Is this related to other courses at WKU? No

PSYS 482: Psychology of Sexuality

What departments/programs have been consulted concerning potential impact (e.g. to possible duplication or conflict, changed corequisite or prerequisite for equivalent courses, etc.)? Please provide names and dates for individuals consulted.

No departments have been contacted as this will have no impact on any unit other than Psychological Sciences.

Is this course part of No a program that leads to teacher certificate? Yes Are you seeking Colonnade approval for this course? Colonnade Connections Programs Connections: Systems **Course Categories** Please provide a brief rationale for why this existing course fits into the Colonnade program that addresses why the proposals is being submitted now. Note that this course is already approved within the Colonnade program as a Connections Systems course. The request is to modify the prerequisites to include another relevant Colonnade Explorations course as a prerequisite option for students. PSYS 482 Sex - colonnade app guidelines[1].docx **Colonnade Proposal** SyllabusPsys482 Systems.doc systems PSYS 482 Psy of Sex PSYSApproved.docx Syllabus SyllabusPsys482 Systems.doc

Colonnade Learning

Outcomes

#	Colonnade Learning Outcomes
<u>1</u>	Analyze how systems evolve
<u>2</u>	Compare the study of individual components to the analysis of entire systems
<u>3</u>	Evaluate how system-level thinking informs decision-making, public policy, and/or the sustainability of the system itself

Student Learning

Outcomes

#	Student Learning Outcomes	
<u>1</u>	Identify and differentiate the sexual anatomy for biological males and females.	

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PSYS 482: Psychology of Sexuality

#	Student Learning Outcomes
<u>2</u>	Understand different types of contraception and how they interrupt the reproductive process.
<u>3</u>	Appreciate and describe the gender differences that typically occur due to biological processes and environmental processes.
<u>4</u>	<u>Understand some of the challenges of conducting research on sex-related topics and articulate some of</u> the research approaches used to overcome or minimize the challenges.
<u>5</u>	Be aware of and describe the broad diversity of sexual behaviors and views of sexual behaviors.
<u>6</u>	Describe different ways that abnormal and normal behaviors are differentiated.

Content outline

#	Торіс
<u>1</u>	Psychological Perspectives on Sexuality
<u>2</u>	Genes, Heredity, and Evolution
<u>3</u>	Psychological Research and the Science of Sexuality
<u>4</u>	Sexual Physiology, Hormones, and Development
<u>5</u>	Psychological Implications of Pregnancy, Birth, and Childrearing
<u>6</u>	Attraction and Arousal
<u>7</u>	Lifespan developmental psychology of sexuality
<u>8</u>	The psychology of gender orientation
<u>9</u>	The psychology of sexual orientation
<u>10</u>	Aggression in sexuality
<u>11</u>	Sexual Education, Variation, and Disorders

Student

expectations and

requirements

Students complete quizzes and exams over the material in the course. They also complete debates over issues in the course with a variety of viewpoints, and the students work on a culminating paper that is part of the assessment plan for the Colonnade Connections Systems learning objectives.

Tentative texts and

course materials

Crooks, R. & Baur, K., (2021). Our Sexuality 13th Ed. Belmont, CA: Wadsworth.

Special equipment,

materials, or library

resources needed

No changes since course was first approved

10/4/23, 7:49 AM

Additional

information

The only change being proposed is to add PSYS 160 as an acceptable prerequisite for the course along with the existing prerequisites. PSYS 160 is a Colonnade course in the Explorations - Natural and Physical Sciences category. An important element of PSYS 482 PSYCHOLOGY OF SEXUALITY across many topics within the class is the role of physiology in human sexuality. Hormones, physiology and anatomy all contribute to our understanding of sexual development, sex drive and sexual response. PSYS 160 INTRODUCTION TO BIOPSYCHOLOGY provides an introduction to these important foundational elements within a psychological context. As such PSYS 160 should be added as one of the prerequisite courses for PSYS 482. This update would allow a student to enroll in PSYS 482 if they have taken any one of PSYS (PSY) 100, PSYS (PSY) 220 or PSYS 160.

Supporting documentation

Reviewer Comments

Program Change Request

Date Submitted: 09/15/23 4:32 pm

Viewing: 747E/747 : Psychological Science, Bachelor of Science

Last approved: 05/25/23 10:19 am

Last edit: 09/15/23 4:32 pm

Changes proposed by: and30774

Psychological Science, Bachelor of Science (747E, 747)

Catalog Pages Using this Program

Proposed Action	Active			
Contact Person	Name	Email	Phone	
	Andrew Mienaltowski	andrew.mienaltowski@wku.edu	2706810270	
Term of Implementation	2024-2025			
Program Reference Number	747E/747			
Review Type	Full Review			
Academic Level	Undergraduate			
Program Type	Major			
Degree Types	Bachelor of Science			
Department	Psychological Sciences			
College	Science and Engineering			
Program Name (eg. Biology)	Psychological Science, Bachelo	or of Science		
Will this program have	concentrations? Yes			
Concentrations				

Concentrations

Applied Psychological Science (PAPS) Biobehavioral Psychology (PBBP) Clinical Psychological Science (PCPS) Cognitive Psychology (PCGP) Developmental Science (PDVS) Neuroscience (PNEU) (Available to 747E Majors only) Social Psychology (PSOP) Quantitative Psychology (PSQP) (Available to 747E Majors only) General (PGEN) CIP Code 42.2799 - Research and Experimental Psychology, Other.

No

Will this program lead to teacher certification?

Does the proposed program contain 25% or more new content not previously taught in another course at WKU? If yes, contact the Office of the Provost for additional SACSCOC proposal requirements

In Workflow
1. PSYS Approval
2. SC Dean
3. SC Curriculum
Committee
4. Undergraduate
Curriculum
Committee
5. University Senate
6. Provost
7. Program Inventory

Approval Path

- 1. 09/20/23 3:31 pm Matthew Shake (matthew.shake): Approved for PSYS Approval
- 2. 10/02/23 12:52 pm Stuart Burris (stuart.burris): Approved for SC Dean

History

- 1. May 26, 2021 by Rheanna Plemons (rheanna.plemons)
- 2. Sep 27, 2021 by Jennifer Hammonds (jennifer.hammonds)
- 3. Oct 13, 2021 by Jessica Dorris (jessica.dorris)
- 4. May 10, 2022 by Andrew Mienaltowski (andrew.mienaltowski
- 5. May 25, 2023 by Andrew Mienaltowski (andrew.mienaltowski

No

Catalog Content

Program Overview (Catalog field: Overview tab)

The Department of Psychological Sciences offers programs designed for students who are interested in a science-oriented degree that will prepare them for graduate study in psychology, neuroscience, or a related field (e.g., medical school, pharmacy, physical therapy) or for employment in jobs where strong quantitative and research skills are required.

Curriculum Requirements (Catalog field: Program Requirements)

Program Requirements (37-58 hours)

The department provides two options for the Bachelor of Science degree. The non-extended option requires a minimum of 37 credit hours and a minor or second major is required. The extended option requires a minimum of 49 unduplicated credit hours and no minor or second major is required. For both options, students will complete a program of study that includes Core and Concentration components as well as a Laboratory Experience component. To complete the Core requirement, students will select a total of 25 to 28 credit hours from the following categories: Foundations of Psychology, Developmental Processes, Learning and Cognition, Individual Differences and Social Processes, Biological Bases of Behavior and Mental Processes, Research Methods and Statistics, and Integrative Science in Psychology. To complete the Concentration requirement, students will select courses from one or two of the six thematic concentrations or they may design a general concentration (subject to approval by their advisor). To complete the Laboratory Experience component, students will complete one PSYS lab course or one PSYS lecture / lab course at the 300-level or above. Students in the non-extended option will complete 12 credit hours from two concentration by selecting 12-24 hours from PSYS courses not used to satisfy their Core requirement. Students choosing the extended option will complete 24 credit hours from two concentrations or 24 – 25 hours from the quantitative psychology concentration.

The interdisciplinary neuroscience concentration is a single concentration option for students. Students in this concentration complete 56-58 hours of courses with an emphasis on neuroscience. Students who select this concentration cannot minor in Neuroscience.

Students must maintain a minimum 2.50 GPA both overall and in the maior. Either

MATH 116 and MATH 117, or

MATH 118 or higher is required; MATH 183 is recommended.

Students who select the extended option with the quantitative psychology concentration must complete MATH 136. To satisfy the math requirement for the major, students in the neuroscience concentration may also complete MATH 136.

Students in the non-extended option of the Psychological Science major can count no more than 3 credits of <u>PSYS 490</u> toward the major. Students in the extended option, including the quantitative concentration, may count no more than 6 credits of <u>PSYS 490</u> towards the major, with no more than 3 credits counting toward a single concentration's requirements. Students in the neuroscience concentration of the Psychological Science major may count no more than 3 credits of PSYS 490 towards the major. PSYS 300 is recommended to meet the Colonnade: Writing in the Disciplines requirement but does not satisfy major requirements.

The Psychological Science major includes laboratory experiences. In addition to completing a laboratory in research methods, students in the non-extended option of the major and in the extended option of the major (including the quantitative concentration) complete one additional laboratory experience. Students in the neuroscience concentration complete two additional psychological science laboratory experiences in addition to the research methods laboratory.

Approved Shared Content from /shared/undergraduate-major-requirements/

Last Approved: Jul 6, 2023 12:58pm

A baccalaureate degree requires a minimum of 120 unduplicated semester hours. More information can be found at <u>www.wku.edu/registrar/degree_certification.php.</u> Students who began WKU in the Fall 2014 and thereafter should review the Colonnade requirements located at: <u>https://www.wku.edu/colonnade/colonnaderequirements.php.</u>

Concentrations:

Applied Psychological Science Biobehavioral Psychology Clinical Psychological Science Cognitive Psychology Developmental Science Neuroscience Social Psychology Quantitative Psychology General Concentration

Applied Psychological Science Concentration

This concentration focuses on how psychological science can be used to solve real-world problems in business, sports, or human engineering domains.

Core Courses		
<u>PSYS 100</u>	Introduction to Psychology	3
or <u>PSYS 160</u>	Introduction to Biopsychology	
<u>PSYS 220</u>	Introduction to Lifespan Developmental Psychology	3
or <u>PSYS 321</u>	Child Developmental Psychology	
<u>PSYS 333</u>	Cognitive Psychology	3
<u>PSYS 350</u>	Social Psychology	3
Select one of the following:		3

PSYS 360	Behavioral Neuroscience	
PSYS 363	Sensory and Perceptual Systems	
PSYS 210	Research Methods in Psychology	3
PSYS 211	Research Methods in Psychology Laboratory	1
PSYS 313	Statistics in Psychology	3
Select one of the following	:	3
<u>PSYS 380</u>	Psychology and Science Fiction	
<u>PSYS 481</u>	History of Psychology	
<u>PSYS 490</u>	Independent Study in Psychological Sciences	
Concentration Courses		
Required Course:		
<u>PSYS 413</u>	Psychological Measurement	
Select 9 hours from the fol	llowing:	9
<u>PSYS 353</u>	Psychology of Prejudice and Stereotyping	
<u>PSYS 360</u>	Behavioral Neuroscience	
or <u>PSYS 363</u>	Sensory and Perceptual Systems	
<u>PSYS 370</u>	Industrial / Organizational Psychology	
<u>PSYS 433</u>	Judgment and Decision Making	
<u>PSYS 450</u>	Psychology of Personality	
<u>PSYS 473</u>	Training in Business and Industry	
<u>PSYS 481</u>	History of Psychology	
<u>PSYS 490</u>	Independent Study in Psychological Sciences	
<u>PSYS 499</u>	Senior Seminar in Psychology	
<u>PSY 340</u>	Sport Psychology	
<u>PSY 355</u>	Issues in Cross-Cultural Psychology	
<u>PSY 412</u>	Psychology of Motivation and Emotion	
<u>PSY 470</u>	Psychology and Law	
Laboratory Experience		
Select one course from the	e following:	1-3
<u>PSYS 322</u>	Laboratory in Developmental Psychology	
<u>PSYS 332</u>	Laboratory in Human and Animal Learning	
<u>PSYS 334</u>	Laboratory in Cognition	
PSYS 365	Laboratory in Behavioral Neuroscience	
PSYS 413	Psychological Measurement	
<u>PSYS 415</u>	Programming for Social Sciences	
Total Hours		35-37

Biobehavioral Psychology Concentration

This concentration provides knowledge of the biological bases of behavior and thought.		
Core Courses		
PSYS 100	Introduction to Psychology	3
or <u>PSYS 160</u>	Introduction to Biopsychology	
PSYS 220	Introduction to Lifespan Developmental Psychology	3
or <u>PSYS 321</u>	Child Developmental Psychology	
PSYS 331	Principles of Human and Animal Learning	3
PSYS 350	Social Psychology	3
or <u>PSYS 440</u>	Abnormal Psychology	
PSYS 360	Behavioral Neuroscience	3

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PSYS 210	Research Methods in Psychology	3
PSYS 211	Research Methods in Psychology Laboratory	1
PSYS 313	Statistics in Psychology	3
Select one of the following	g:	3
PSYS 380	Psychology and Science Fiction	
<u>PSYS 481</u>	History of Psychology	
<u>PSYS 490</u>	Independent Study in Psychological Sciences	
Concentration Courses		
PSYS 363	Sensory and Perceptual Systems	3
Select 9 hours from the fo	ollowing:	9
PSYS 333	Cognitive Psychology	
<u>PSYS 431</u>	Psychology of Language	
<u>PSYS 444</u>	Psychology of Substance Use Disorders	
<u>PSYS 462</u>	Fundamentals of Cognitive Neuroscience	
<u>PSYS 463</u>	Evolutionary Psychology	
<u>PSYS 465</u>	Psychopharmacology	
PSYS 482	Psychology of Sexuality	
<u>PSYS 490</u>	Independent Study in Psychological Sciences	
<u>PSYS 499</u>	Senior Seminar in Psychology	
Laboratory Experience		
Select one course from th	ne following:	1-3
<u>PSYS 322</u>	Laboratory in Developmental Psychology	
PSYS 332	Laboratory in Human and Animal Learning	
<u>PSYS 334</u>	Laboratory in Cognition	
<u>PSYS 365</u>	Laboratory in Behavioral Neuroscience	
<u>PSYS 413</u>	Psychological Measurement	
<u>PSYS 415</u>	Programming for Social Sciences	
Total Hours		38-40

Clinical Psychological Science Concentration

This concentration focuses on mechanisms and etiologies of psychological health and dysfunction.

Core Courses

Core Courses		
PSYS 100	Introduction to Psychology	3
or <u>PSYS 160</u>	Introduction to Biopsychology	
PSYS 220	Introduction to Lifespan Developmental Psychology	3
or <u>PSYS 321</u>	Child Developmental Psychology	
PSYS 331	Principles of Human and Animal Learning	3
or <u>PSYS 333</u>	Cognitive Psychology	
PSYS 440	Abnormal Psychology	3
PSYS 210	Research Methods in Psychology	3
PSYS 211	Research Methods in Psychology Laboratory	1
PSYS 313	Statistics in Psychology	3
Select one of the following:		3
PSYS 360	Behavioral Neuroscience	
PSYS 363	Sensory and Perceptual Systems	
Select one of the following:		3
PSYS 380	Psychology and Science Fiction	
<u>PSYS 481</u>	History of Psychology	
<u>PSYS 490</u>	Independent Study in Psychological Sciences	

Concentration Courses

Concentration Courses	5	
Select 12 hours from the	e following:	12
<u>PSYS 350</u>	Social Psychology	
<u>PSYS 353</u>	Psychology of Prejudice and Stereotyping	
<u>PSYS 360</u>	Behavioral Neuroscience	
<u>PSYS 413</u>	Psychological Measurement	
<u>PSYS 423</u>	Psychology of Adult Life and Aging	
<u>PSYS 425</u>	Developmental Psychopathology	
<u>PSYS 442</u>	Psychology of Suicide and Self-Injury	
<u>PSYS 444</u>	Psychology of Substance Use Disorders	
<u>PSYS 450</u>	Psychology of Personality	
<u>PSYS 451</u>	Psychology of Religion	
<u>PSYS 453</u>	Psychology of Women	
<u>PSYS 462</u>	Fundamentals of Cognitive Neuroscience	
<u>PSYS 465</u>	Psychopharmacology	
<u>PSYS 481</u>	History of Psychology	
<u>PSYS 482</u>	Psychology of Sexuality	
<u>PSYS 490</u>	Independent Study in Psychological Sciences	
<u>PSYS 499</u>	Senior Seminar in Psychology	
Laboratory Experience	9	1-3
Select one course from the	the following:	
<u>PSYS 322</u>	Laboratory in Developmental Psychology	
<u>PSYS 332</u>	Laboratory in Human and Animal Learning	
<u>PSYS 334</u>	Laboratory in Cognition	
<u>PSYS 365</u>	Laboratory in Behavioral Neuroscience	
<u>PSYS 413</u>	Psychological Measurement	
<u>PSYS 415</u>	Programming for Social Sciences	

Total Hours

Cognitive Psychology Concentration

This concentration emphasizes the scientific study of mental processes such as attention, perception, memory, problem-solving, thinking, and language use.

Core Courses		
PSYS 100	Introduction to Psychology	3
or <u>PSYS 160</u>	Introduction to Biopsychology	
PSYS 220	Introduction to Lifespan Developmental Psychology	3
or <u>PSYS 321</u>	Child Developmental Psychology	
PSYS 333	Cognitive Psychology	3
PSYS 350	Social Psychology	3
or <u>PSYS 440</u>	Abnormal Psychology	
Select one of the following:		3
PSYS 360	Behavioral Neuroscience	
PSYS 363	Sensory and Perceptual Systems	
PSYS 210	Research Methods in Psychology	3
PSYS 211	Research Methods in Psychology Laboratory	1
PSYS 313	Statistics in Psychology	3
Select one of the following:		3
PSYS 380	Psychology and Science Fiction	
<u>PSYS 481</u>	History of Psychology	

38-40

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<u>PSYS 490</u>	Independent Study in Psychological Sciences	
Concentration Courses		
Select 12 hours from the fol	Illowing:	12
PSYS 331	Principles of Human and Animal Learning	
<u>PSYS 363</u>	Sensory and Perceptual Systems	
<u>PSYS 423</u>	Psychology of Adult Life and Aging	
<u>PSYS 431</u>	Psychology of Language	
<u>PSYS 433</u>	Judgment and Decision Making	
<u>PSYS 462</u>	Fundamentals of Cognitive Neuroscience	
<u>PSYS 490</u>	Independent Study in Psychological Sciences	
<u>PSYS 499</u>	Senior Seminar in Psychology	
<u>PSY 412</u>	Psychology of Motivation and Emotion	
Laboratory Experience		
Select one of the following of	courses:	1-3
PSYS 322	Laboratory in Developmental Psychology	
PSYS 332	Laboratory in Human and Animal Learning	
<u>PSYS 334</u>	Laboratory in Cognition	
<u>PSYS 365</u>	Laboratory in Behavioral Neuroscience	
PSYS 413	Psychological Measurement	
<u>PSYS 415</u>	Programming for Social Sciences	

Total Hours

Developmental Science Concentration

This addresses the physical, emotional, intellectual, social, perceptual, and personality growth of humans throughout the lifespan.

Concentration Courses		
Core Courses		
<u>PSYS 100</u>	Introduction to Psychology	3
or <u>PSYS 160</u>	Introduction to Biopsychology	
<u>PSYS 220</u>	Introduction to Lifespan Developmental Psychology	3
or <u>PSYS 321</u>	Child Developmental Psychology	
PSYS 331	Principles of Human and Animal Learning	3
or <u>PSYS 333</u>	Cognitive Psychology	
PSYS 350	Social Psychology	3
or <u>PSYS 440</u>	Abnormal Psychology	
Select one of the following:		3
<u>PSYS 360</u>	Behavioral Neuroscience	
<u>PSYS 363</u>	Sensory and Perceptual Systems	
<u>PSYS 210</u>	Research Methods in Psychology	3
<u>PSYS 211</u>	Research Methods in Psychology Laboratory	1
PSYS 313	Statistics in Psychology	3
Select one of the following:		3
<u>PSYS 380</u>	Psychology and Science Fiction	
<u>PSYS 481</u>	History of Psychology	
<u>PSYS 490</u>	Independent Study in Psychological Sciences	
Select 12 hours from the foll	llowing:	12
<u>PSYS 220</u>	Introduction to Lifespan Developmental Psychology	
<u>PSYS 321</u>	Child Developmental Psychology	
<u>PSYS 423</u>	Psychology of Adult Life and Aging	
D01/0 404		

PSYS 424 Topics in Developmental Psychology

38-40

PSYS 425	Developmental Psychopathology	
PSYS 431	Psychology of Language	
PSYS 453	Psychology of Women	
PSYS 463	Evolutionary Psychology	
PSYS 482	Psychology of Sexuality	
<u>PSYS 490</u>	Independent Study in Psychological Sciences	
<u>PSYS 499</u>	Senior Seminar in Psychology	
Laboratory Experience		
Select one of the following co	urses:	1-3
PSYS 322	Laboratory in Developmental Psychology	
PSYS 332	Laboratory in Human and Animal Learning	
<u>PSYS 334</u>	Laboratory in Cognition	
PSYS 365	Laboratory in Behavioral Neuroscience	
PSYS 413	Psychological Measurement	
PSYS 415	Programming for Social Sciences	
Total Hours		38-40

Social Psychology Concentration

This concentration emphasizes the study of how social situations affect behavior.

Core Courses		
<u>PSYS 100</u>	Introduction to Psychology	3
or <u>PSYS 160</u>	Introduction to Biopsychology	
<u>PSYS 220</u>	Introduction to Lifespan Developmental Psychology	3
or <u>PSYS 321</u>	Child Developmental Psychology	
<u>PSYS 331</u>	Principles of Human and Animal Learning	3
or <u>PSYS 333</u>	Cognitive Psychology	
<u>PSYS 350</u>	Social Psychology	3
Select one of the following:		3
PSYS 360	Behavioral Neuroscience	
PSYS 363	Sensory and Perceptual Systems	
PSYS 210	Research Methods in Psychology	3
<u>PSYS 211</u>	Research Methods in Psychology Laboratory	1
PSYS 313	Statistics in Psychology	3
Select one of the following:		3
<u>PSYS 380</u>	Psychology and Science Fiction	
PSYS 481	History of Psychology	
<u>PSYS 490</u>	Independent Study in Psychological Sciences	
Concentration Courses		
<u>PSYS 413</u>	Psychological Measurement	
Select 9 hours from the following	ıg:	9
<u>PSYS 353</u>	Psychology of Prejudice and Stereotyping	
<u>PSYS 433</u>	Judgment and Decision Making	
<u>PSYS 440</u>	Abnormal Psychology	
<u>PSYS 450</u>	Psychology of Personality	
<u>PSYS 451</u>	Psychology of Religion	
<u>PSYS 453</u>	Psychology of Women	
PSYS 463	Evolutionary Psychology	
PSYS 482	Psychology of Sexuality	

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PSYS 415	Programming for Social Sciences	
PSYS 413	Psychological Measurement	
<u>PSYS 365</u>	Laboratory in Behavioral Neuroscience	
<u>PSYS 334</u>	Laboratory in Cognition	
<u>PSYS 332</u>	Laboratory in Human and Animal Learning	
<u>PSYS 322</u>	Laboratory in Developmental Psychology	
Laboratory Experience		1-3
<u>PSY 412</u>	Psychology of Motivation and Emotion	
<u>PSYS 499</u>	Senior Seminar in Psychology	
<u>PSYS 490</u>	Independent Study in Psychological Sciences	

Total Hours

General Concentration

his concentration allows s	students, with help from their advisor, to design an individualized theme.	
Core Courses		
<u>PSYS 100</u>	Introduction to Psychology	:
or <u>PSYS 160</u>	Introduction to Biopsychology	
<u>PSYS 220</u>	Introduction to Lifespan Developmental Psychology	:
or <u>PSYS 321</u>	Child Developmental Psychology	
PSYS 331	Principles of Human and Animal Learning	:
or <u>PSYS 333</u>	Cognitive Psychology	
PSYS 350	Social Psychology	:
or <u>PSYS 440</u>	Abnormal Psychology	
Select one of the following	ıg:	3
PSYS 360	Behavioral Neuroscience	
PSYS 363	Sensory and Perceptual Systems	
PSYS 210	Research Methods in Psychology	3
PSYS 211	Research Methods in Psychology Laboratory	1
PSYS 313	Statistics in Psychology	3
Select one of the following	ıg:	3
PSYS 380	Psychology and Science Fiction	
<u>PSYS 481</u>	History of Psychology	
<u>PSYS 490</u>	Independent Study in Psychological Sciences	
Concentration Courses		
Select 12-24 hours of elect	actives from PSYS courses not used to satisfy Core requirements	12-24
Laboratory Experience		
Select one of the following	ig courses:	1-3
PSYS 322	Laboratory in Developmental Psychology	
PSYS 332	Laboratory in Human and Animal Learning	
PSYS 334	Laboratory in Cognition	
PSYS 365	Laboratory in Behavioral Neuroscience	
PSYS 413	Psychological Measurement	
PSYS 415	Programming for Social Sciences	
Total Hours		38-52

Neuroscience Concentration

This interdisciplinary concentration emphasizes neuroscience and includes courses investigating the brain from the level of cellular biology to higher order psychological systems. This concentration requires more than 48 hours, so students do not need a minor or second major. Also, students in this concentration do not select another concentration within the Psychological Science Major. Note that students who intend on completing BIOL 319 as an additional restricted elective in this concentration will first need to earn a C or higher in CHEM 120 and CHEM 121. CHEM 120 and CHEM 121 are not part of the Neuroscience concentration in the Psychological Science Major.

35-37

Core Courses		
PSYS 100	Introduction to Psychology	3
or <u>PSYS 160</u>	Introduction to Biopsychology	
PSYS 210	Research Methods in Psychology	3
PSYS 211	Research Methods in Psychology Laboratory	1
PSYS 313	Statistics in Psychology	3
or <u>BIOL 382</u>	Introductory Biostatistics	
PSYS 220	Introduction to Lifespan Developmental Psychology	3
or <u>PSYS 321</u>	Child Developmental Psychology	
PSYS 350	Social Psychology	3
or <u>PSYS 440</u>	Abnormal Psychology	
PSYS 331	Principles of Human and Animal Learning	3
PSYS 360	Behavioral Neuroscience	3
Choose one - Integrative S	Science in Psychology (3 credits)	3
<u>PSYS 380</u>	Psychology and Science Fiction	
<u>PSYS 481</u>	History of Psychology	
<u>PSYS 490</u>	Independent Study in Psychological Sciences	
Upper Level PSYS concer	ntration requirements	
PSYS 333	Cognitive Psychology	3
PSYS 363	Sensory and Perceptual Systems	3
<u>PSYS 465</u>	Psychopharmacology	3
Additional PSYS electives	5	3
<u>PSYS 431</u>	Psychology of Language	
<u>PSYS 444</u>	Psychology of Substance Use Disorders	
PSYS 462	Fundamentals of Cognitive Neuroscience	
PSYS 463	Evolutionary Psychology	
PSYS 482	Psychology of Sexuality	
<u>PSYS 490</u>	Independent Study in Psychological Sciences	
<u>PSYS 499</u>	Senior Seminar in Psychology	
Lab experiences (two labs	s; 2-4 credits)	2-4
<u>PSYS 161</u>	Introduction to Biopsychology Laboratory	
PSYS 332	Laboratory in Human and Animal Learning	
<u>PSYS 334</u>	Laboratory in Cognition	
<u>PSYS 365</u>	Laboratory in Behavioral Neuroscience	
PSYS 415	Programming for Social Sciences	
Biology core		
BIOL 120	Biological Concepts: Cells Metabolism and Genetics	3
BIOL 121	Biological Concepts: Cells, Metabolism, and Genetics Lab	1
BIOL 122	Biological Concepts: Evolution, Diversity, and Ecology	3
BIOL 123	Biological Concepts: Evolution, Diversity, and Ecology Lab	1
BIOL 335	Neurobiology	3
Additional Restricted elect	tives	6
BIOL 312	Bioinformatics	
BIOL 316	Evolution: Theory and Process	
BIOL 319	Introduction to Molecular and Cell Biology	
BIOL 327	Genetics	
BIOL 334	Animal Behavior	
BIOL 464	Endocrinology	

Total Hours		E6 E9
PHYS 332	Introduction to Physics and Biophysics II	
PHYS 233	Laboratory for Physics and Biophysics II	
PHYS 232	Laboratory for Physics and Biophysics I	
PHYS 231	Introduction to Physics and Biophysics I	

Total Hours

56-58

Quantitative Psychology Concentration

This concentration focuses on the use of advanced data manipulation and statistical analysis techniques within psychological science to examine discipline-specific research questions. This concentration requires at least 49 hours, so students do not need a minor or second major. Also, students in this concentration do not select another concentration within the Psychological Science Major.

Core Courses		
PSYS 100	Introduction to Psychology	3
or <u>PSYS 160</u>	Introduction to Biopsychology	
PSYS 220	Introduction to Lifespan Developmental Psychology	3
or <u>PSYS 321</u>	Child Developmental Psychology	
PSYS 331	Principles of Human and Animal Learning	3
or <u>PSYS 333</u>	Cognitive Psychology	
PSYS 350	Social Psychology	з
or <u>PSYS 440</u>	Abnormal Psychology	
Select one of the following	g:	3
<u>PSYS 360</u>	Behavioral Neuroscience	
PSYS 363	Sensory and Perceptual Systems	
PSYS 210	Research Methods in Psychology	3
PSYS 211	Research Methods in Psychology Laboratory	1
PSYS 313	Statistics in Psychology	3
Select one of the following	g:	3
<u>PSYS 380</u>	Psychology and Science Fiction	
<u>PSYS 481</u>	History of Psychology	
PSYS 490	Independent Study in Psychological Sciences	
Concentration Courses		
Select one of the following	g:	3-4
<u>CS 146</u>	Introduction to Programming	
<u>CS 170</u>	Problem Solving and Programming	
<u>CS 180</u>	Computer Science I	
<u>STAT 301</u>	Introductory Probability and Applied Statistics	3
<u>STAT 330</u>	Introduction to Statistical Software	3
<u>STAT 401</u>	Regression Analysis	3
or <u>STAT 402</u>	Experimental Design	
PSYS 413	Psychological Measurement	3
	el elective hours selected in consultation with an advisor	9
Select 9 PSYS upper-leve		
Select 9 PSYS upper-leve Laboratory Experience		1-3
	Laboratory in Developmental Psychology	1-3
Laboratory Experience	Laboratory in Developmental Psychology Laboratory in Human and Animal Learning	1-3
Laboratory Experience PSYS 322		1.3
Laboratory Experience PSYS 322 PSYS 332	Laboratory in Human and Animal Learning	1.3
Psys 322 Psys 332 Psys 332 Psys 334	Laboratory in Cognition	1-3

Joint Undergraduate Master's Program (JUMP)

747E/747: Psychological Science, Bachelor of Science

The Department of Psychological Sciences offers a Joint Undergraduate Master's Program (JUMP) which provides academically outstanding students the opportunity to complete both an undergraduate and graduate degree in an accelerated timeframe. Contact the graduate program coordinator for additional information.

This JUMP program allows students to start working toward their MS in Psychology with a concentration in Psychological Science (Ref: 0469) while completing their bachelor's of science degree in Psychological Science (Ref: 747 and 747E). Undergraduate students admitted into JUMP may take graduate courses that count toward both undergraduate and graduate degrees. Up to 12 credit hours can be double-counted toward both degrees, and up to 15 hours of graduate courses can be taken while a student is completing the undergraduate degree. The key benefit of the JUMP program is that it allows students to earn a bachelor's and a master's degree in an accelerated timeframe. For more

information, see https://www.wku.edu/psychological-sciences/.

To be considered for admission to the JUMP program to earn a BS in Psychological Science and a MS in Psychology in an accelerated timeframe a, a student must meet the following requirements:

Be a Psychological Science major (includes programs with reference numbers 747 and 747E)

Have completed at least 60 hours total, with at least 24 hours earned at WKU;

Have at least 15 or more credit hours remaining to complete the bachelor's degree;

Have a minimum 3.25 overall GPA and 3.25 GPA in the Psychological Science major:

Have completed or be enrolled in 16 credit hours in Psychological Science, including PSYS 100 (or PSYS 160), and PSYS 210, and PSYS 211, and PSYS 313 or the equivalent of these classes:

Have completed at least one semester long research experience with a faculty member in the Department of Psychological Sciences.

Admissions are competitive and dependent upon graduate program capacity. The MS in Psychology with a concentration in Psychological Science uses a research mentorship

approach to prepare students to be competitive applicants for admission into a Ph.D. program and/or for positions where strong research and methodological skills are needed.

4-Year Plan

Psychological Science, General

First Year			
Fall	Hours	Spring	Hours
PSYS 100	3	PSYS Foundation Course	3
<u>MATH 183</u>	3	PSYS 160	3
ENG 100	3	<u>PSYS 210</u>	3
COMM 145	3	<u>PSYS 211</u>	1
Elective or Minor Course	3	Colonnade	3
		Elective or Minor Course	3
	15		16
Second Year			
Fall	Hours	Spring	Hours
<u>PSYS 313</u>	3	PSYS Foundation Course	3
ENG 200	3	PSYS Foundation Course	3
Colonnade or Elective Course	3	Minor Course	3
Minor Course	3	Colonnade or Elective Course	3
Colonnade or Elective Course	3	Colonnade or Elective Course	3
	15		15
Third Year			
Fall	Hours	Spring	Hours
PSYS Concentration Course	3	PSYS Concentration Course	3
PSYS Foundation Course/Lab Cours	se3-4	ENG 300	3
Minor Course	3	Minor Course	3
Minor Course	3	Minor Course	3
Colonnade or Elective Course	3	Colonnade or Elective Course	3
	15-16		15
Fourth Year			
Fall	Hours	Spring	Hours
PSYS Concentration Course	3	PSYS Concentration Course	3
PSYS Integrative Science Course	3	Minor or Elective Course	3
Minor or Elective Course	3	Minor or Elective Course	3
Colonnade or Elective Course	3	Colonnade or Elective Course	3
Colonnade or Elective Course	3	Colonnade or Elective Course	3
	15		15
Total Hours 121-122			

Total Hours 121-122

Psychological Science, Extended

First Year			
Fall	Hours	Spring	Hours
<u>MATH 183</u>	3	PSYS Foundation Course	3
PSYS 100	3	PSYS 160	3
ENG 100	3	PSYS 210	3
COMM 145	3	PSYS 211	1
Elective or Colonnade Course	3	Colonnade	3
		Elective or Colonnade Course	3
	15		16
Second Year			
Fall	Hours	Spring	Hours

747E/747: Psychological Science, Bachelor of Science

First Year			
Fall	Hours	Spring	Hours
PSYS 313	3	PSYS Foundation Course	3
ENG 200	3	PSYS Foundation or Concentration Course	se3
PSYS Foundation Course	3	Minor Course	3
Colonnade or Elective Course	3	Colonnade or Elective Course	3
Colonnade or Elective Course	3	Colonnade or Elective Course	3
	15		15
Third Year			
Fall	Hours	Spring	Hours
PSYS Concentration Course	3	PSYS Concentration Course	3
PSYS Foundation Course/Lab Course	3-4	PSYS Concentration Course	3
Colonnade or Elective Course	3	<u>ENG 300</u>	3
Colonnade or Elective Course	3	Colonnade or Elective Course	3
Colonnade or Elective Course	3	Colonnade or Elective Course	3
	15-16		15
Fourth Year			
Fall	Hours	Spring	Hours
PSYS Concentration Course	3	PSYS Concentration Course	3
PSYS Concentration Course	3	PSYS Concentration Course	3
PSYS Integrative Science Course	3	Colonnade or Elective Course	3
Colonnade or Elective Course	3	Colonnade or Elective Course	3
Colonnade or Elective Course	3	Colonnade or Elective Course	3
	15		15

Total Hours 121-122

Will this program be managed or owned by more than one department?

No

Yes

Does this program include courses from outside your department?

Outside Courses

Who approved including these courses?	When were they approved?
Psychology	Prior to 2020-2021 catalog year
Computer Science/SEAS	Prior to 2020-2021 catalog year
Mathematics	Prior to 2020-2021 catalog year
Biology	Fall 2022 and Spring 2023
Chemistry	Spring 2023
Physics and Astronomy	Spring 2023

Please insert one Learning Outcome per box. Click green plus sign for additional LO boxes

arning Outcomes d Measurement an		List all student learning outcomes of the program.	Measurement Plan
	SLO 1	Develop a working knowledge of psychology's content domains	Assess student learning within each foundational category (Developmental Processes, Learning and Cognition, Individual Differences and Social Processes, and Biological Bases of Behavior and Mental Processes) of the major's content core. Student performance on 3-4 items for each of 3-4 learning outcomes (i.e., 9-16 items) for each of the following courses: 220, 321, 331, 333, 350, 360, 363, and 440
	SLO 2	Interpret, design, and conduct basic psychological research	Assess student learning within research methods and statistics courses. Student performance on 3-4 items for each of 3-4 learning outcomes (i.e., 9-16 items) for each of the following courses: 210/211, 313
	SLO 3	Apply ethical standards to evaluate psychological science and practice	Document student training in the appropriate conduct of research with human subjects, including the completion of CITI training in research methods course

	List all student learning outcomes of the program.	Measurement Plan
SLO 4	Applies learning outcomes of the methods and statistics courses in the lab (for students completing independent study)	Assess the diversity of activities of Psychological Sciences majors who complete Independent Study (e.g., PSYS 490)
SLO 5	Integrate knowledge gained in complementary disciplines of psychology (for students in 747E only)	Students complete open-ended instrument in which they are asked to describe at least two ways that theories or research findings in one discipline/core of psychology impacts or interacts with another (e.g., concentration). Scored with rubric across four levels (unsatisfactory to exceptional)

Assessment Template: https://www.wku.edu/academicaffairs/ee/assurance_learning_resources.php

Upload Assessment

Plan

Delivery Mode	
Is 25% or more of this program offered at a location other than main campus?	
Yes	
Enter Location(s)	
and Percentage of	
Program Offered at Location(s)	
Location	Percentage
Elizabethtown	40
Glasgow	60
Owensboro	40
Is 50% or more of this program offered by distance education (online asynchronous,	
online synchronous, connected classrooms, etc.)?	
No	
Do you plan to offer 100% of this program online?	
No	
If no, enter the percentage of the program that	
will be taught online.	
0	
Do you plan to offer 100% of this program face-to-face?	
Yes	
Do you plan to offer at least 25% of this program as a direct assessment competency-	
based educational program?	
No	
See the SACSCOC Policy on Direct Assessment Competency-based Educational Programs. https://www.sacscoc.org/pdf/081705/DirectAssessmentCompetencyBased.pdf	

Library Resources

Attach library resources	CourseAlignment.docx	
Rationale for the	e program proposal?	
	The proposed revision is to add language to the Undergraduate Program Description about the	
	Psychological Science JUMP program. Given the recent approval of a university-wide JUMP policy,	
	the language being added brings the JUMP program offered by the Department of Psychological	
	Sciences in alignment with the policy. Also attached is a description of how the graduate courses	
	accepted for the undergraduate program meet student learning outcomes for both the	
	undergraduate and graduate programs linked in this JUMP program.	

psychological_sciences_neuroscience_747.docx

Additional Attachments

Additional information or attachments

Note that PSYS 365 was approved by UCC on 11/16/21 and the University Senate on 12/9/2021 Note that PSYS 415 was approved by the OCSE curriculum committee on 12/2/2021

Reviewer Comments