

MEMORANDUM TO: Ogden College of Science and Engineering Curriculum Committee

Dr. Katie Algeo
Dr. Taha Alyousef
Dr. Doug Harper
Dr. Phil Lienesch
Dr. Jeremy Maddox

Dr. Michelle Jackson
Dr. Andy Mienaltowski
Dr. Les Pesterfield
Dr. Todd Willian

FROM: Kenneth Crawford, Chair

SUBJECT: Agenda for Thursday, October 4, 2018 4:00 p.m. in OCH 1022

A. OLD BUSINESS:

- I. Consideration of the minutes of the September 6, 2018 meeting.

B. NEW BUSINESS:

Type of item	Description of Item & Contact Information
Consent	Proposal to Revise a Program Ref. 747 and 747E, Psychological Science, 38-50 hrs. Contact: Kelly Madole, kelly.madole@wku.edu , x6475 Contact: Andy Mienaltowski, andrew.mienaltowski@wku.edu , x2353
Consent	Proposal to Revise Course Catalog Listing PSYS 290, Supervised Study in Psychological Sciences, 1-3 hrs. Contact: Andy Mienaltowski, andrew.mienaltowski@wku.edu , x2353
Consent	Proposal to Revise Course Catalog Listing PSYS 360, Behavioral Neuroscience, 3 hrs. Contact: Andy Mienaltowski, andrew.mienaltowski@wku.edu , x2353
Consent	Proposal to Revise Course Catalog Listing PSYS 490, Independent Study in Psychological Sciences, 1-3 hrs. Contact: Andy Mienaltowski, andrew.mienaltowski@wku.edu , x2353
Action	Proposal to Revise Course Prerequisites/Corequisites PSYS 362, Behavioral Neuroscience with Lab, 4 hrs. Contact: Andy Mienaltowski, andrew.mienaltowski@wku.edu , x2353
Action	Proposal to Revise a Program Ref. 623, Major in Chemistry, 30-53 hrs. Contact: Jeremy Maddox, jeremy.maddox@wku.edu , x8725

C. OTHER BUSINESS

Members Present:

Dr. Katie Algeo
Dr. Taha Alyousef
Dr. Doug Harper
Dr. Jeremy Maddox
Dr. Melanie Autin for Dr. Michelle Jackson

Dr. Andy Mienaltowski
Dr. Les Pesterfield
Dr. Todd Willian
Guest: David Oliver

FROM: Ken Crawford, Chair

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

OLD BUSINESS:

Autin/Pesterfield moved to approve of the minutes of the May 3, 2018 meeting. Motion passed.

NEW BUSINESS:

Consent Agenda

Autin/Pesterfield moved to approve the consent agenda. Motion passed.

Action Agenda

OCSE Dean's Office

The entire action agenda was tabled: Proposals to Create a New Course EMDS 400, EMDS 401, EMDS 402, EMDS 403, and EMDS 404.

OTHER BUSINESS:

Request for a volunteer for the OCSE representative on the UCC. We will revisit and vote on the representative at a later date.

Ogden College of Science and Engineering
Department/Unit: Psychological Sciences
Proposal to Revise a Program: Change of Program Name
(Consent Item)

Section 1: Proponent Contact Information

- 1.1 Name/Title: Dr. Kelly Madole and Dr. Andy Mienaltowski
- 1.2 Email address: kelly.madole@wku.edu ; andrew.mienaltowski@wku.edu
- 1.3 Phone #: Madole 5-6475 , Mienaltowski 5-2353

Section 2: Program Information

- 2.1 Current Program reference number: 747 and 747E (CIP Code:) 42.0101
- 2.2 Current Program title: Psychological Science
- 2.3 Current total number of credits required in the program: 38-50

Section 3: Proposed program revisions and rationales

3.1 First proposed revision

This revision proposes to change the name of the BS in Psychological Science to the BS in Psychology. This change is needed to help prospective and current students who would like to study psychology at WKU make a more informed decision about which of the two psychology degrees offered best suits their needs.

The American Psychological Association has identified skills and contents that should characterize an undergraduate psychology program, including four domains of discipline-specific knowledge that should be addressed in the curriculum. (<http://www.apa.org/ed/precollege/about/undergraduate-major.aspx>). The BS degree offered by the Department of Psychological Sciences is specifically designed to address these skills and knowledge. In particular, the APA recommends that all psychology majors complete at least one course in each of four domains: cognition and learning, developmental psychology, biological psychology, and sociocultural psychology. The BS offers foundational and advanced classes as well as high impact learning experiences in all of these content domains. The coursework required by the program includes introductory classes across multiple sub-specialties in the discipline (i.e., Introduction to Psychology, Introduction to Biopsychology, and Introduction to Developmental Psychology), a research methods and statistics core, experiential-based labs attached to content courses (i.e., neuroscience, cognition, and developmental psychology), and an integrative science capstone that includes advanced laboratory research. Given the structure of the program as well as the opportunities that students have to be actively mentored by faculty in lab- and community-based research projects, the BS in Psychological Science fulfills the principles for quality undergraduate education in psychology (<http://www.apa.org/education/undergrad/principles.aspx>).

Although the program that we offer clearly fulfills these principles, the current degree name creates confusion for prospective WKU students and incoming freshmen

because they are less likely to be familiar with a major named 'Psychological Science' than one named 'Psychology'. The current name fails to inform them that we do, in fact, offer a degree that is best described as a Bachelor of Science in Psychology.

In recent years, many Psychology departments have adopted the departmental name *Psychological Science*. However, the vast majority of these departments, as well as those that retain the traditional departmental name, have retained the program name *Psychology*. For example, of WKU's 18 benchmark institutions, 2 have Psychological Science Departments and 16 have Psychology Departments. Within Kentucky, NKU and WKU have Departments of Psychological Science and the other public universities (EKU, Murray, Morehead, UK, and U of L) have Departments of Psychology. Of our 18 benchmark institutions and the 7 public universities in Kentucky other than WKU, **only one**, Ball State University, offers a baccalaureate degree in Psychological Science (Ball State University offers both a BA and BS in Psychological Science and does not offer a baccalaureate degree in Psychology). Thus undergraduate majors in "Psychological Science" are quite uncommon and it is not likely that prospective WKU students and incoming freshmen who are interested in studying psychology understand that the WKU B.S. in Psychological Science is, in fact, a degree in psychology.

As a result, students who are interested in studying psychology at WKU are prevented from making a fully informed choice. Those who are looking specifically for a rigorous scientifically-oriented psychology major that meets all the APA guidelines and leads to the BS in Psychology may go to another university to find this degree.

The revision of the current major's name from Psychological Science to Psychology, will 1) provide a more accurate name for the curriculum offered by our program, 2) eliminate student confusion over the nature of the our program and, 3) bring psychology at WKU into alignment with the **96%** of our peer institutions, including WKU benchmark universities and Kentucky public universities, that offer both the BS and BA in Psychology. .

3.2 Second proposed revision

From the program description we propose to edit the following sections to reflect the revised Psychology major name change. These changes do not change the program description in a substantive way.

~~"...Students can count up to 3 hours of PSYS 490 in the 38-hour option of the major and up to 6 hours of PSYS 490 in the 50-hour option. Students in the 38-hour option of the Psychological Science major can count no more than 3 credits of PSYS 490 toward the major. Students in the 50-hour option may count no more than 6 credits of PSYS 490 toward the major, with no more than 3 credits counting toward a single concentration's requirements. ..."~~

... Quantitative Psychology. 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 major ~~Psychological Science Major.~~

Also changed in the program description is a typo. PSYS 483 Psychology of Sexuality appears in the Social and Biobehavioral concentrations, but the course number is really 482. PSYS 483 is a non-existent course.

Section 4: Consultations

Do any of the proposed revisions in section 3 above involve or in any other way impact other departments/units? **YES** **NO**

If NO, simply proceed to item 5.

If YES, identify those revisions here, referring to them by the numbers assigned in section 3 above, and for each, indicate who in the affected department/unit was consulted, and the date of that consultation:

3.1 This proposed revision changes the name of the BS in Psychological Science to BS in Psychology. The Department of Psychology offers a BA in Psychology but does not offer a BS in Psychology. Dr. Madole consulted with Dr. Wininger in the Department of Psychology on 9/21/2018. In that consultation, Dr. Madole discussed the confusion created by non-standard name for program that impacts students who want to complete a BS in Psychology,

The proposed revision in the name of the BS in Psychological Science will have no impact on the curriculum of the BA in Psychology. The Department of Psychological Sciences will continue offering courses that meet the requirements of the BA in Psychology to students who have chosen to enroll in that major.

To the extent that prospective and current WKU students are uninformed about the nature of the BA and BS degrees, the change in the program name may have a small impact on the number of students enrolled in both programs. It is not possible at this point to know whether this would be a small increase or decrease in enrollment into the two majors, though we expect that there would likely be very little change in enrollment for the BA and, as noted above, an increase in enrollment of future students who are specifically looking for a BS in Psychology.

Section 5: Proposed term for implementation: Fall 2019

Section 6: Approval Flow Dates:

Department of Psychological Sciences: September 21, 2018
Ogden College Curriculum Committee:
Undergraduate Curriculum Committee:
University Senate:

Section 7: Required Appendices: Current & proposed program descriptions:

7.1 Current Program Description: (On a separate pages):

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 or a related field (e.g., medical school, pharmacy, physical therapy) or for employment in jobs where strong quantitative and research skills are required. The department provides two options for the Bachelor of Science degree. The first option requires a minimum of 38 credit hours and a

minor or second major is required. The second option requires a minimum of 50 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 custom 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 38-hour option will complete 12 credit hours from one thematic concentration, or design a custom concentration by selecting 12 hours from courses not used to satisfy their Core requirement. Students choosing the 50-hour option will complete 21-24 credit hours from two concentrations or 24 – 25 hours from the quantitative psychology concentration.

Students must maintain a minimum 2.50 GPA both overall and in the major. Either (1) MATH 116 and MATH 117, or (2) MATH 118 or higher is required; MATH 183 is recommended. Students who select the 50-hour option with the quantitative psychology concentration must complete MATH 136.

Students in the 38-hour option of the Psychological Science major can count no more than 3 credits of PSYS 490 toward the major. Students in the 50-hour option may count no more than 6 credits of PSYS 490 toward the major, with no more than 3 credits counting toward a single concentration's requirements.

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

Core Courses

PSYS 100 or PSYS 160, PSYS 220 or PSYS 321, PSYS 333, PSYS 350, PSYS 360 or PSYS 362 or PSYS 363, PSYS 210, PSYS 211, PSYS 313, PSYS 380 or PSYS 481 or PSYS 490

Concentration Courses

Required: PSYS 413

Electives: Choose 9 hours from PSYS 353, PSYS 360 or PSYS 362 or PSYS 363, PSYS 370, PSYS 433, PSYS 473, PSYS 481, PSYS 490, PSYS 499, PSY 340, PSY 355, PSY 412, PSY 470.

Laboratory Experience

Select any one PSYS course with a laboratory or lecture/laboratory designation at the 300-level or above.

Biobehavioral Psychology. This concentration provides knowledge of the biological bases of behavior and thought.

Core Courses

PSYS 100 or PSYS 160, PSYS 220 or PSYS 321, PSYS 331, PSYS 350 or PSYS 440, PSYS 360 or PSYS 362, PSYS 210, PSYS 211, PSYS 313, PSYS 380 or PSYS 481 or PSYS 490

Concentration Courses

Required: PSYS 363

Electives: Choose 9 hours from PSYS 333, PSYS 431, PSYS 462, PSYS 463, PSYS 465, PSYS 483, PSYS 490, PSYS 499

Laboratory Experience

Select any one PSYS course with a laboratory or lecture/laboratory designation at the 300-level or above.

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

Core Courses

PSYS 100 or PSYS 160, PSYS 220 or PSYS 321, PSYS 331 or PSYS 333, PSYS 440, PSYS 360 or PSYS 362 or PSYS 363, PSYS 210, PSYS 211, PSYS 313, PSYS 380 or PSYS 481 or PSYS 490.

Concentration Courses

Choose 12 hours from PSYS 350, PSYS 353, PSYS 360 or PSYS 362, PSYS 413, PSYS 423, PSYS 425, PSYS 442, PSYS 450, PSYS 451, PSYS 453, PSYS 462, PSYS 465, PSYS 482, PSYS 481, PSYS 490, PSYS 499.

Laboratory Experience

Select any one PSYS course with a laboratory or lecture/laboratory designation at the 300-level or above.

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

Core Courses

PSYS 100 or PSYS 160, PSYS 220 or PSYS 321, PSYS 333, PSYS 350 or PSYS 440, PSYS 360 or PSYS 362 or PSYS 363, PSYS 210, PSYS 211, PSYS 313, PSYS 380 or PSYS 481 or PSYS 490.

Concentration Courses

Choose 12 hours from PSYS 331, PSYS 363, PSYS 423, PSYS 431, PSYS 433, PSYS 462, PSYS 490, PSYS 499, PSY 412.

Laboratory Experience

Select any one PSYS course with a laboratory or lecture/laboratory designation at the 300-level or above.

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

Core Courses

PSYS 100 or PSYS 160, PSYS 220 or PSYS 321, PSYS 331 or PSYS 333, PSYS 350 or PSYS 440, PSYS 360 or PSYS 362 or PSYS 363, PSYS 210, PSYS 211, PSYS 313, PSYS 380 or PSYS 481 or PSYS 490.

Concentration Courses: Choose 12 hours from PSYS 220, PSYS 321, PSYS 423, PSYS 424, PSYS 425, PSYS 431, PSYS 463, PSYS 482, PSYS 490, PSYS 499.

Laboratory Experience

Select any one PSYS course with a laboratory or lecture/laboratory designation at the 300-level or above.

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

Core Courses

PSYS 100 or PSYS 160, PSYS 220 or PSYS 321, PSYS 331 or PSYS 333, PSYS 350, PSYS 360 or PSYS 362 or PSYS 363, PSYS 210, PSYS 211, PSYS 313, PSYS 380 or PSYS 481 or PSYS 490.

Concentration Courses

Required: PSYS 413

Electives: Choose 9 hours from PSYS 353, PSYS 433, PSYS 440, PSYS 450, PSYS 451, PSYS 453, PSYS 463, PSYS **483**, PSYS 490, PSYS 499, PSY 412.

Laboratory Experience

Select any one PSYS course with a laboratory or lecture/laboratory designation at the 300-level or above.

General Concentration. This concentration allows students, with help from their advisor, to design an individualized theme.

Core Courses

PSYS 100 or PSYS 160, PSYS 220 or PSYS 321, PSYS 331 or PSYS 333, PSYS 350 or PSYS 440, PSYS 360 or PSYS 362 or PSYS 363, PSYS 210, PSYS 211, PSYS 313, PSYS 380 or PSYS 481 or PSYS 490.

Concentration Courses

Select 12-24 hours of electives from courses not used to satisfy Core requirements.

Laboratory Experience

Select any one PSYS course with a laboratory or lecture/laboratory designation at the 300-level or above.

Quantitative Psychology. 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 or PSYS 160, PSYS 220 or PSYS 321, PSYS 331 or PSYS 333, PSYS 350 or PSYS 440, PSYS 360 or PSYS 362 or PSYS 363, PSYS 210, PSYS 211, PSYS 313, PSYS 380 or PSYS 481 or PSYS 490.

Concentration Courses

CS 146 or CS 170 or CS 180, STAT 301, STAT 330, STAT 401 or STAT 402, PSYS 413, and 9 PSYS upper-level elective hours selected in consultation with an advisor.

Laboratory Experience

Select any one PSYS course with a laboratory or lecture/laboratory designation at the 300-level or above.

7.2 Proposed Program Description: (On a separate pages):

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 or a related field (e.g., medical school, pharmacy, physical therapy) or for employment in jobs where strong quantitative and research skills are required. The department provides two options for the Bachelor of Science degree. The first option requires a minimum of 38 credit hours and a minor or second major is required. The second option requires a minimum of 50 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 custom 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 38-hour option will complete 12 credit hours from one thematic concentration, or design a custom concentration by selecting 12 hours from courses not used to satisfy their Core requirement. Students choosing the 50-hour option will complete 21-24 credit hours from two concentrations or 24 – 25 hours from the quantitative psychology concentration.

Students must maintain a minimum 2.50 GPA both overall and in the major. Either (1) MATH 116 and MATH 117, or (2) MATH 118 or higher is required; MATH 183 is recommended. Students who select the 50-hour option with the quantitative psychology concentration must complete MATH 136.

Students can count up to 3 hours of PSYS 490 in the 38-hour option of the major and up to 6 hours of PSYS 490 in the 50-hour option, with no more than 3 credits counting toward a single concentration's requirements.

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

Core Courses

PSYS 100 or PSYS 160, PSYS 220 or PSYS 321, PSYS 333, PSYS 350, PSYS 360 or PSYS 362 or PSYS 363, PSYS 210, PSYS 211, PSYS 313, PSYS 380 or PSYS 481 or PSYS 490

Concentration Courses

Required: PSYS 413

Electives: Choose 9 hours from PSYS 353, PSYS 360 or PSYS 362 or PSYS 363, PSYS 370, PSYS 433, PSYS 473, PSYS 481, PSYS 490, PSYS 499, PSY 340, PSY 355, PSY 412, PSY 470.

Laboratory Experience

Select any one PSYS course with a laboratory or lecture/laboratory designation at the 300-level or above.

Biobehavioral Psychology. This concentration provides knowledge of the biological bases of behavior and thought.

Core Courses

PSYS 100 or PSYS 160, PSYS 220 or PSYS 321, PSYS 331, PSYS 350 or PSYS 440, PSYS 360 or PSYS 362, PSYS 210, PSYS 211, PSYS 313, PSYS 380 or PSYS 481 or PSYS 490

Concentration Courses

Required: PSYS 363

Electives: Choose 9 hours from PSYS 333, PSYS 431, PSYS 462, PSYS 463, PSYS 465, PSYS 482, PSYS 490, PSYS 499

Laboratory Experience

Select any one PSYS course with a laboratory or lecture/laboratory designation at the 300-level or above.

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

Core Courses

PSYS 100 or PSYS 160, PSYS 220 or PSYS 321, PSYS 331 or PSYS 333, PSYS 440, PSYS 360 or PSYS 362 or PSYS 363, PSYS 210, PSYS 211, PSYS 313, PSYS 380 or PSYS 481 or PSYS 490.

Concentration Courses

Choose 12 hours from PSYS 350, PSYS 353, PSYS 360 or PSYS 362, PSYS 413, PSYS 423, PSYS 425, PSYS 442, PSYS 450, PSYS 451, PSYS 453, PSYS 462, PSYS 465, PSYS 482, PSYS 481, PSYS 490, PSYS 499.

Laboratory Experience

Select any one PSYS course with a laboratory or lecture/laboratory designation at the 300-level or above.

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

Core Courses

PSYS 100 or PSYS 160, PSYS 220 or PSYS 321, PSYS 333, PSYS 350 or PSYS 440, PSYS 360 or PSYS 362 or PSYS 363, PSYS 210, PSYS 211, PSYS 313, PSYS 380 or PSYS 481 or PSYS 490.

Concentration Courses

Choose 12 hours from PSYS 331, PSYS 363, PSYS 423, PSYS 431, PSYS 433, PSYS 462, PSYS 490, PSYS 499, PSY 412.

Laboratory Experience

Select any one PSYS course with a laboratory or lecture/laboratory designation at the 300-level or above.

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

Core Courses

PSYS 100 or PSYS 160, PSYS 220 or PSYS 321, PSYS 331 or PSYS 333, PSYS 350 or PSYS 440, PSYS 360 or PSYS 362 or PSYS 363, PSYS 210, PSYS 211, PSYS 313, PSYS 380 or PSYS 481 or PSYS 490.

Concentration Courses: Choose 12 hours from PSYS 220, PSYS 321, PSYS 423, PSYS 424, PSYS 425, PSYS 431, PSYS 463, PSYS 482, PSYS 490, PSYS 499.

Laboratory Experience

Select any one PSYS course with a laboratory or lecture/laboratory designation at the 300-level or above.

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

Core Courses

PSYS 100 or PSYS 160, PSYS 220 or PSYS 321, PSYS 331 or PSYS 333, PSYS 350, PSYS 360 or PSYS 362 or PSYS 363, PSYS 210, PSYS 211, PSYS 313, PSYS 380 or PSYS 481 or PSYS 490.

Concentration Courses

Required: PSYS 413

Electives: Choose 9 hours from PSYS 353, PSYS 433, PSYS 440, PSYS 450, PSYS 451, PSYS 453, PSYS 463, PSYS **482**, PSYS 490, PSYS 499, PSY 412.

Laboratory Experience

Select any one PSYS course with a laboratory or lecture/laboratory designation at the 300-level or above.

General Concentration. This concentration allows students, with help from their advisor, to design an individualized theme.

Core Courses

PSYS 100 or PSYS 160, PSYS 220 or PSYS 321, PSYS 331 or PSYS 333, PSYS 350 or PSYS 440, PSYS 360 or PSYS 362 or PSYS 363, PSYS 210, PSYS 211, PSYS 313, PSYS 380 or PSYS 481 or PSYS 490.

Concentration Courses

Select 12-24 hours of electives from courses not used to satisfy Core requirements.

Laboratory Experience

Select any one PSYS course with a laboratory or lecture/laboratory designation at the 300-level or above.

Quantitative Psychology. 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 **major**.

Core Courses

PSYS 100 or PSYS 160, PSYS 220 or PSYS 321, PSYS 331 or PSYS 333, PSYS 350 or PSYS 440, PSYS 360 or PSYS 362 or PSYS 363, PSYS 210, PSYS 211, PSYS 313, PSYS 380 or PSYS 481 or PSYS 490.

Concentration Courses

CS 146 or CS 170 or CS 180, STAT 301, STAT 330, STAT 401 or STAT 402, PSYS 413, and 9 PSYS upper-level elective hours selected in consultation with an advisor.

Laboratory Experience

Select any one PSYS course with a laboratory or lecture/laboratory designation at the 300-level or above.

**Ogden College of Science and Engineering
Department of Psychological Sciences
Proposal to Revise Course Catalog Listing
(Consent Item)**

Contact Person: Andrew Mienaltowski, andrew.mienaltowski@wku.edu, 5-2353

1. Identification of course:

- 1.1 Course prefix (subject area) and number: PSYS 290
- 1.2 Course title: Supervised Study in Psychological Sciences

2. Current course catalog listing:

Directed readings or research under faculty supervision. Students must make their own arrangements in advance for supervision by a faculty member. Does not count towards completion of the major in psychological science.

**3. Proposed course catalog listing:
(aim for 25 words or less)**

Directed readings or research under faculty supervision. Students must make their own arrangements in advance for supervision by a faculty member. Does not count towards completion of the major requirements for students earning a Bachelor of Science in Psychology.

4. Rationale for revision of the course catalog listing:

The revision aligns the program name in the course description with the revision to the BS Psychology program.

5. Proposed term for implementation: Fall 2019

6. Dates of prior committee approvals:

Department of Psychological Sciences
Ogden College Curriculum Committee
Undergraduate Curriculum Committee
University Senate

September 21, 2018

**Ogden College of Science and Engineering
Department of Psychological Sciences
Proposal to Revise Course Catalog Listing
(Consent Item)**

Contact Person: Andrew Mienaltowski, andrew.mienaltowski@wku.edu, 5-2353

1. Identification of course:

- 1.1 Course prefix (subject area) and number: PSYS 360
- 1.2 Course title: Behavioral Neuroscience

2. Current course catalog listing:

An examination of the neurological bases of behavior emphasizing brain processes and structures underlying major psychological constructs such as sensation, learning, emotion, and psychological disorders. Only one of the two courses PSYS 360 and PSYS 362 can be counted towards the Psychological Science major or minor, or the Neuroscience minor.

3. Proposed course catalog listing:

(aim for 25 words or less)

An examination of the neurological bases of behavior emphasizing brain processes and structures underlying major psychological constructs such as sensation, learning, emotion, and psychological disorders. Only one of the two courses PSYS 360 and PSYS 362 can be counted toward the major requirements for the requirements for the BS in Psychology, for the Psychological Science minor, or for the Neuroscience minor.

4. Rationale for revision of the course catalog listing:

The revision aligns the program name in the course description with the revision to BS Psychology program.

5. Proposed term for implementation: Fall 2019

6. Dates of prior committee approvals:

Department of Psychological Sciences
Ogden College Curriculum Committee
Undergraduate Curriculum Committee
University Senate

September 21, 2018

Proposal Date: 9/21/2018

**Ogden College of Science and Engineering
Department of Psychological Sciences
Proposal to Revise Course Catalog Listing
(Consent Item)**

Contact Person: Andrew Mienaltowski, andrew.mienaltowski@wku.edu, 5-2353

1. Identification of course:

- 1.1 Course prefix (subject area) and number: PSYS 490
- 1.2 Course title: Independent Study in Psychological Sciences

2. Current course catalog listing:

Advanced students will conduct research and /or readings in psychological sciences under the direction of the faculty. The course may be repeated. No more than six credits will count toward completion of the extended option of the psychological science major, and no more than three credit hours will count toward completion of the non-extended option of the major or the psychological science minor.

3. Proposed course catalog listing:

(aim for 25 words or less)

Advanced students will conduct research and /or readings in psychological sciences under faculty direction. The course may be repeated. Students earning a Bachelor of Science in Psychology can count no more than six hours toward the extended option of the major or three hours toward the non-extended option of the major. No more than three credit hours will count toward the completion of the Psychological Science minor.

4. Rationale for revision of the course catalog listing:

The revision aligns the program name in the course description with the revision to the BS Psychology program.

5. Proposed term for implementation: Fall 2019

6. Dates of prior committee approvals:

Department of Psychological Sciences
Ogden College Curriculum Committee
Undergraduate Curriculum Committee
University Senate

September 21, 2018

**Ogden College of Science and Engineering
Department of Psychological Sciences
Proposal to Revise Course Prerequisites/Corequisites
(Action Item)**

Contact Person: Andrew Mienaltowski, andrew.mienaltowski@wku.edu, 5-2353

1. Identification of course:

- 1.1 Course prefix (subject area) and number: PSYS 362
- 1.2 Course title: Behavioral Neuroscience with Lab

2. Revise course title:

- 2.1 Current course title:
- 2.2 Proposed course title:
- 2.3 Proposed abbreviated title:
- 2.4 Rationale for revision of course title:

3. Revise course number:

- 3.1 Current course number:
- 3.2 Proposed course number:
- 3.3 Rationale for revision of course number:

4. Revise course prerequisites/corequisites/special requirements:

- 4.1 Current prerequisites/corequisites/special requirements:
Major or minor in Psychological Sciences, or minor in Neuroscience; PSYS 210 / PSY 210 and PSYS 211 / PSY 211 with a grade of C or better, or permission of the instructor.
- 4.2 Proposed prerequisites/corequisites/special requirements:
Major in Psychology (BS only), or minor in Psychological Science or Neuroscience; PSYS 210 / PSY 210 and PSYS 211 / PSY 211 with a grade of C or better, or permission of the instructor.
- 4.3 Rationale for revision of course prerequisites/corequisites/special requirements:
The revision aligns the program name in the prerequisites with the revision to the BS Psychology program.
- 4.4 Effect on completion of major/minor sequence: None

5. Revise course catalog listing:

- 5.1 Current course catalog listing:
An examination of the neurological bases of major psychological constructs including lab-based activities such as dissections, physiological recordings and behavioral measures. Open only to psychological science minor / majors and Neuroscience minors. Only one of the two courses PSYS 360 and PSYS 362 can be counted towards the Psychological Science major or minor, or the Neuroscience minor.
- 5.2 Proposed course catalog listing:
An examination of the neurological bases of major psychological constructs including lab-based activities such as dissections, physiological recordings and behavioral measures. Open only to students earning a Bachelor of Science in Psychology, or to

students in the Psychological Science or Neuroscience minors. Only one of the two courses PSYS 360 and PSYS 362 can be counted toward the major requirements for the requirements for the BS in Psychology, for the Psychological Science minor, or for the Neuroscience minor.

5.3 Rationale for revision of course catalog listing:

The revision aligns the program name in the course description with the revision to the BS Psychology program.

6. Revise course credit hours:

6.1 Current course credit hours:

6.2 Proposed course credit hours:

6.3 Rationale for revision of course credit hours:

7. Revise schedule type:

7.1 Current schedule type:

7.2 Proposed schedule type:

7.3 Rationale for revision of schedule type:

8. Revise grade type:

8.1 Current grade type:

8.2 Proposed grade type:

8.3 Rationale for revision of grade type:

10. Proposed term for implementation: Fall 2019

11. Dates of prior committee approvals:

Department of Psychological Sciences
Ogden College Curriculum Committee
Undergraduate Curriculum Committee
University Senate

September 21, 2018

**Ogden College of Science & Engineering
Department of Chemistry
Proposal to Revise A Program
(Action Item)**

Contact Person: Jeremy B. Maddox, jeremy.maddox@wku.edu, 5-8725

1. Identification of program:

- 1.1 Current program reference number: 623
- 1.2 Current program title: Major in Chemistry
- 1.3 Credit hours: 30-53

2. Identification of the proposed program changes:

- 2.1 The Chemistry Major with Teacher Certification Concentration (TCC) is revised to drop the CHEM 399 Research Problems in Chemistry requirement. This decreases the number of hours required in the concentration from 35 to 33.
- 2.2 The Chemistry Major with TCC is revised to drop CHEM 314 from and add CHEM 340/341 to the list of required coursework.
- 2.3 The Chemistry Major with TCC is revised to add CHEM 450/451 as an option.

3. Detailed program description:

Current Program	Proposed Program
The major in chemistry requires a minimum of 33 semester hours and leads to the Bachelor of Science degree.	The major in chemistry requires a minimum of 33 semester hours and leads to the Bachelor of Science degree.
A second major or minor or the ACS-certified concentration is also required. The department offers four concentrations that lead to a Bachelor of Science degree in chemistry. The most common are a Chemistry major with American Chemical Society (ACS) certification and a general major in Chemistry, typically for pre-professional students with a double major.	A second major or minor or the ACS-certified concentration is also required. The department offers four concentrations that lead to a Bachelor of Science degree in chemistry. The most common are a Chemistry major with American Chemical Society (ACS) certification and a general major in Chemistry, typically for pre-professional students with a double major.
<i>ACS Certified Chemistry Major Concentration</i>	<i>ACS Certified Chemistry Major Concentration</i>
CHEM course requirements (53 hours):	CHEM course requirements (53 hours):
CHEM 120/121 (5) CHEM 222/223 (5) CHEM 320 (3) CHEM 330 (5)	CHEM 120/121 (5) CHEM 222/223 (5) CHEM 320 (3) CHEM 330 (5)

<p>CHEM 340/341 (5) CHEM 342/343 (5) CHEM 398 (1) CHEM 399 (2) CHEM 420 (3) CHEM 421 (1) CHEM 446 (3) CHEM 435 (3) CHEM 436 (2) CHEM 450/451 (5) CHEM 452/453 (5)</p> <p>Cognate course requirements (16-18 hours):</p> <p>MATH 136 (4) MATH 137 (4) PHYS 231/232 (4) or 255/256 (5) PHYS 332/233 (4) or 265/266 (5)</p>	<p>CHEM 340/341 (5) CHEM 342/343 (5) CHEM 398 (1) CHEM 399 (2) CHEM 420 (3) CHEM 421 (1) CHEM 446 (3) CHEM 435 (3) CHEM 436 (2) CHEM 450/451 (5) CHEM 452/453 (5)</p> <p>Cognate course requirements (16-18 hours):</p> <p>MATH 136 (4) MATH 137 (4) PHYS 231/232 (4) or 255/256 (5) PHYS 332/233 (4) or 265/266 (5)</p>
<p><i>General Chemistry Major Concentration</i></p> <p>A second major is required for this concentration.</p> <p>CHEM course requirements (30-33 hours):</p> <p>CHEM 120/121 (5) CHEM 222/223 (5) CHEM 330 (5) 340/341 (5) CHEM 343/342 (5) CHEM 320 or 446 (3) CHEM 412 or 450/451 (5)</p> <p>Cognate course requirements (8-9 hours): MATH 136 (4) PHYS 231/232 (4) or 255/256 (5)</p>	<p><i>General Chemistry Major Concentration</i></p> <p>A second major is required for this concentration.</p> <p>CHEM course requirements (30-33 hours):</p> <p>CHEM 120/121 (5) CHEM 222/223 (5) CHEM 330 (5) 340/341 (5) CHEM 343/342 (5) CHEM 320 or 446 (3) CHEM 412 or 450/451 (5)</p> <p>Cognate course requirements (8-9 hours): MATH 136 (4) PHYS 231/232 (4) or 255/256 (5)</p>
<p><i>Foundations Chemistry Major Concentration</i></p> <p>A minor or second major is required for this concentration.</p> <p>CHEM course requirements (37 hours): CHEM 120/121 (5) CHEM 222/223 (5) CHEM 320 (3) CHEM 330 (5)</p>	<p><i>Foundations Chemistry Major Concentration</i></p> <p>A minor or second major is required for this concentration.</p> <p>CHEM course requirements (37 hours): CHEM 120/121 (5) CHEM 222/223 (5) CHEM 320 (3) CHEM 330 (5)</p>

<p>CHEM 340/341 (5) CHEM 343/342 (5) CHEM 398 (1) CHEM 446 (3) CHEM 412 or 450/451 (5)</p> <p>Cognate course requirements (8-9 hours): MATH 136 (4) PHYS 231/232 (4) or 255/256 (5)</p>	<p>CHEM 340/341 (5) CHEM 343/342 (5) CHEM 398 (1) CHEM 446 (3) CHEM 412 or 450/451 (5)</p> <p>Cognate course requirements (8-9 hours): MATH 136 (4) PHYS 231/232 (4) or 255/256 (5)</p>
<p><i>Chemistry Major with Teacher Certification Concentration</i></p> <p>Students interested in teaching chemistry must declare a second major in Science and Mathematics Education (SMED) available through the College of Education and Behavioral Sciences.</p> <p>CHEM course requirements (35 hours):</p> <p>CHEM 120/121 (5) CHEM 222/223 (5) CHEM 314 (5) CHEM 320 (3) CHEM 330 (5) CHEM 399 (2) CHEM 412 (5) CHEM 446/447 (5)</p> <p>Cognate course requirements (16 hours):</p> <p>MATH 136 (4) PHYS 231/232 (4) PHYS 332/233 (4) GEOL 111/113 (4)</p> <p><i>Chemistry Major with Teacher Certification Concentration (continued)</i></p> <p>SMED course requirements (37 hours):</p> <p>SMED 101 (1-1.5) SMED 102 (2-3) SMED 310 (3) SMED 320 (3) SMED 340 (3) SMED 360 (3)</p>	<p><i>Chemistry Major with Teacher Certification Concentration</i></p> <p>Students interested in teaching chemistry must declare a second major in Science and Mathematics Education (SMED) available through the College of Education and Behavioral Sciences.</p> <p>CHEM course requirements (35 33 hours):</p> <p>CHEM 120/121 (5) CHEM 222/223 (5) CHEM-314 340/341 (5) CHEM 320 (3) CHEM 330 (5) CHEM 399 (2) CHEM 412 or 450/451 (5) CHEM 446/447 (5)</p> <p>Cognate course requirements (16 hours):</p> <p>MATH 136 (4) PHYS 231/232 (4) PHYS 332/233 (4) GEOL 111/113 (4)</p> <p><i>Chemistry Major with Teacher Certification Concentration (continued)</i></p> <p>SMED course requirements (37 hours):</p> <p>SMED 101 (1-1.5) SMED 102 (2-3) SMED 310 (3) SMED 320 (3) SMED 340 (3) SMED 360 (3)</p>

SMED 470 (3)	SMED 470 (3)
SMED 489 (3)	SMED 489 (3)
SPED 330 (3)	SPED 330 (3)
SEC 490 (5-10)	SEC 490 (5-10)
LTCY 421 (3)	LTCY 421 (3)

4. Rationale for the proposed program change:

The CHEM 399 Research Problems in Chemistry requirement is being removed due to changes in the teacher education curriculum for science and mathematics teacher education students with the establishment of the SKyTeach program. The CHEM 399 requirement was instituted for chemistry teacher education majors to give those students exposure to the processes and methodologies of performing research. The SKyTeach program requires all science and mathematics teacher education students to take SMED 360 Research Methods. CHEM 399 is no longer needed.

CHEM 314 is being removed and CHEM 340/341 is being added to reflect changes in the chemistry curriculum. CHEM 314 Introductory Organic Chemistry is being phased out of the chemistry curriculum. CHEM 340/341 Organic Chemistry I with laboratory is the most appropriate course to add in order to meet the content area needs of the students.

CHEM 450/451 is being added as an additional option to fulfill the physical chemistry requirement in the concentration.

5. Proposed term for implementation and special provisions (if applicable):

First available

6. Dates of prior committee approvals:

Department of Chemistry	<u>September 28, 2018</u>
Ogden College Curriculum Committee	_____
Professional Education Council (if applicable)	_____
Undergraduate Curriculum Committee	_____
University Senate	_____