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| For Academic Affairs and Research Use Only | |
| CIP Code: |  |
| Degree Code: |  |

**New Course Proposal Form**

**[X] Undergraduate Curriculum Council**

**[ ] Graduate Council**

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| **[X] New Course or [ ]Experimental Course (1-time offering) (Check one box)** |

Signed paper copies of proposals submitted for consideration are no longer required. Please type approver name and enter date of approval.

Email completed proposals to [curriculum@astate.edu](mailto:curriculum@astate.edu) for inclusion in curriculum committee agenda.

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| Wayne W. Wilkinson 3/25/2019 **Department Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **COPE Chair (if applicable)** |
| Kris D. Biondolillo 3/26/2019 **Department Chair:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Head of Unit (If applicable)** |
| Wayne W. Wilkinson 3/27/2019 **College Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Undergraduate Curriculum Council Chair** |
| Mary Jane Bradley 3/27/2019 **College Dean** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Graduate Curriculum Committee Chair** |
| |  |  | | --- | --- | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |   **General Education Committee Chair (If applicable)** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Vice Chancellor for Academic Affairs** |

1. Contact Person (Name, Email Address, Phone Number)

Wayne Wilkinson, wwilkinson@astate.edu, 870-680-8129

2. Proposed Starting Term and Bulletin Year

Fall 2019 (Bulletin Year 2019-2020)

3. Proposed Course Prefix and Number (Confirm that number chosen has not been used before. For variable credit courses, indicate variable range. *Proposed number for experimental course is 9*. )

PSY 3003

4. Course Title – if title is more than 30 characters (including spaces), provide short title to be used on transcripts. Title cannot have any symbols (e.g. slash, colon, semi-colon, apostrophe, dash, and parenthesis). Please indicate if this course will have variable titles (e.g. independent study, thesis, special topics).

Research Design and Analysis in Psychology

SHORT TITLE: Research Design and Analysis

5. Brief course description (40 words or fewer) as it should appear in the bulletin.

Introduction to the design, implementation, and analysis of psychological research, including descriptive, correlational, and experimental methods.

6. Prerequisites and major restrictions. (Indicate all prerequisites. If this course is restricted to a specific major, which major. If a student does not have the prerequisites or does not have the appropriate major, the student will not be allowed to register).

1. **NO** Are there any prerequisites?
   1. If yes, which ones?

Enter text...

* 1. Why or why not?

No prerequisite knowledge is required.

1. **YES** Is this course restricted to a specific major?
   1. If yes, which major? Bachelor of Arts in Psychology (AOS)

7. Course frequency(e.g. Fall, Spring, Summer). *Not applicable to Graduate courses.*

Fall

8. Will this course be lecture only, lab only, lecture and lab, activity, dissertation, experiential learning, independent study, internship, performance, practicum, recitation, seminar, special problems, special topics, studio, student exchange, occupational learning credit, or course for fee purpose only (e.g. an exam)? Please choose one.

Lecture only

9. What is the grade type (i.e. standard letter, credit/no credit, pass/fail, no grade, developmental, or other [please elaborate])

Standard

10. **NO** Is this course dual listed (undergraduate/graduate)?

11. **NO** Is this course cross listed?

*(If it is, all course entries must be identical including course descriptions. Submit appropriate documentation for requested changes. It is important to check the course description of an existing course when adding a new cross listed course.)*

**11.1** – If yes, please list the prefix and course number of cross listed course.

Enter text...

**11.2** – **Yes / No** Are these courses offered for equivalent credit?

Please explain. Enter text...

12. **YES** Is this course in support of a new program?

a. If yes, what program?

Bachelor of Arts in Psychology (AOS)

13. **NO** Does this course replace a course being deleted?

a. If yes, what course?

Enter text...

14**. NO** Will this course be equivalent to a deleted course?

a. If yes, which course?

Enter text...

15. **YES** Has it been confirmed that this course number is available for use?

*If no: Contact Registrar’s Office for assistance.*

16. **NO** Does this course affect another program?

If yes, provide confirmation of acceptance/approval of changes from the Dean, Department Head, and/or Program Director whose area this affects.

Enter text...

**Course Details**

17. Outline (The course outline should be topical by weeks and should be sufficient in detail to allow for judgment of the content of the course.)

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| **Week** | **Topic:** | **Chapters:** |
| Week 1 | Part 1: Foundations of Empirical Research | Ch. 1 The Scientific Approach  Ch. 2 Conceptual Foundations of Research  Ch. 3 Elements of Research  Ch. 4 Ethics in Social Sciences Research |
| Week 2 | Part 2: Design and Structure of Research | Ch. 5 Research Design: Experiments  Ch. 6 Research Designs: Cross Sectional and Quasi Experimental |
| Week 3 | Part 2: Design and Structure of Research | Ch. 7 Measurement  Ch. 8 Sampling and Sample Designs |
| Week 4 | Exam 1: (Parts 1 and 2)  Part 3: Data Collection | Ch. 9 Observational Methods  Ch. 10 Survey Research |
| Week 5 | Part 3: Data Collection | Ch. 11 Questionnaire Construction |
| Week 6 | Part 4: Data Processing and Analysis | Ch. 14 Data Preparation and Analysis  Ch. 15 The Univariate Distribution |
| Week 7 | Part 4: Data Processing and Analysis  Exam 2: (Parts 3 and 4) | Ch. 19 Inferences |

18. Special features (e.g. labs, exhibits, site visitations, etc.)

Not applicable

19. Department staffing and classroom/lab resources

No additional staffing or resources beyond that already granted for the online program are needed

1. Will this require additional faculty, supplies, etc.?

No

20. **NO** Does this course require course fees?

*If yes: please attach the New Program Tuition and Fees form, which is available from the UCC website.*

**Course Justification**

21. Justification for course being included in program. Must include:

a. Academic rationale and goals for the course (skills or level of knowledge students can be expected to attain)

The course is intended to provide students with introductory knowledge regarding research design and statistical analysis that is deemed necessary for an online Bachelor of Arts program (which is less research intensive than our face-to-face Bachelor of Science program). Students will require this knowledge in order to comprehend the research results they will encounter in their content courses later in the program (e.g., PSY 3523 Social Psychology).

b. How does the course fit with the mission established by the department for the curriculum? If course is mandated by an accrediting or certifying agency, include the directive.

The course supports the department’s general scientific approach to psychology in a manner more appropriate for an online program designed to be less research intensive than our face-to-face program.

c. Student population served.

Undergraduate AOS students in the Bachelor of Arts in Psychology Program

d. Rationale for the level of the course (lower, upper, or graduate).

The course is the first psychology course taken by students in the program after introductory material (i.e., PSY 2013 Introduction to Psychology and PSY 2023 Psychology as a Science and Profession). Therefore, a low 3000-level course number was deemed appropriate.

**Assessment**

**Relationship with Current Program-Level Assessment Process**

22. What is/are the intended program-level learning outcome/s for students enrolled in this course? Where will this course fit into an already existing program assessment process?

The course addresses the following two PLOs for the Bachelor of Arts in Psychology Program:

PLO 1: Successful students will be able to apply psychological knowledge.

PLO 3: Successful students will be able to recognize ethical principles of psychological research.

23. Considering the indicated program-level learning outcome/s (from question #22), please fill out the following table to show how and where this course fits into the program’s continuous improvement assessment process.

*For further assistance, please see the ‘Expanded Instructions’ document available on the UCC - Forms website for guidance, or contact the Office of Assessment at 870-972-2989.*

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| **Program-Level Outcome 1 (from question #22)** | Successful students will be able to apply psychological knowledge. |
| Assessment Measure | Direct: Students will write a formal introduction section for a research report. The introduction must synthesize findings and/or methods and conclusions of previous psychological research to establish a clear scientific rationale for a possible research project.  Indirect: Senior Exit Survey |
| Assessment  Timetable | Each semester course is offered (direct) and last semester of program (indirect) |
| Who is responsible for assessing and reporting on the results? | Members of the Undergraduate Psychology Programs Committee |

*(Repeat if this new course will support additional program-level outcomes)*

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| **Program-Level Outcome 2 (from question #22)** | Successful students will be able to recognize ethical principles of psychological research |
| Assessment Measure | Direct: Students will be given vignettes describing scenarios in which specific research ethics are at question. Students will evaluate the scenario and indicate which ethical principle(s) (if any) are being violated  Indirect: Senior Exit Survey |
| Assessment  Timetable | Each semester the course is offered (direct) and last semester of program (indirect) |
| Who is responsible for assessing and reporting on the results? | Members of the Undergraduate Psychology Programs Committee |

**Course-Level Outcomes**

24. What are the course-level outcomes for students enrolled in this course and the associated assessment measures?

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| **Outcome 1** | *Understanding Different Research Methodologies*. Demonstrate knowledge of different research methodologies employed by psychologists |
| Which learning activities are responsible for this outcome? | Lectures |
| Assessment Measure | Exams and homework assignments |
| **Outcome 2** | *Understanding Data.* Apply and interpret basic descriptive and inferential statistics |
| Which learning activities are responsible for this outcome? | Lectures |
| Assessment Measure | Exams and homework assignments |

*(Repeat if needed for additional outcomes)*

**Bulletin Changes**

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| **Instructions** |
| **Please visit** [**http://www.astate.edu/a/registrar/students/bulletins/index.dot**](http://www.astate.edu/a/registrar/students/bulletins/index.dot) **and select the most recent version of the bulletin. Copy and paste all bulletin pages this proposal affects below. Follow the following guidelines for indicating necessary changes.**  **\*Please note: Courses are often listed in multiple sections of the bulletin. To ensure that all affected sections have been located, please search the bulletin (ctrl+F) for the appropriate courses before submission of this form.**  - Deleted courses/credit hours should be marked with a red strike-through (~~red strikethrough~~)  - New credit hours and text changes should be listed in blue using enlarged font (blue using enlarged font).  - Any new courses should be listed in blue bold italics using enlarged font (***blue bold italics using enlarged font***)  *You can easily apply any of these changes by selecting the example text in the instructions above, double-clicking the ‘format painter’ icon 🡪 , and selecting the text you would like to apply the change to.*  *Please visit* [*https://youtu.be/yjdL2n4lZm4*](https://youtu.be/yjdL2n4lZm4) *for more detailed instructions.* |

Page 460

***PSY 3003. Research Design and Analysis in Psychology Introduction to the design, implementation, and analysis of psychological research, including descriptive, correlational, and experimental methods. Restricted to BA in Psychology students. Fall.***