UHC 398 *Honors Undergraduate Research* (1, 2, or 3 credit hours)

This course allows students to gain research experience by working with an individual faculty member either as a research assistant or as a primary researcher working under a faculty member’s supervision.

Students may enroll in this course alongside an existing course in their major (i.e. BIO 367 + UHC 398 with the biology instructor) or design this course as a stand-alone experience (i.e. only UHC 398 with an appropriate instructor).

This is an upper-level course and students are generally expected to be familiar with the core principles and methodologies in their major field. Students wishing to complete introductory readings in their field may register for UHC 396 *Honors Independent Study*.

The nature of individual projects will vary by academic discipline, but students should be prepared to satisfy the following expectations:

* Students will clearly articulate what their research topic is, how they plan to explore their topic, and collaborate with a faculty member to develop an appropriate list of assignments, readings, and other course expectations.
* Students will submit a written academic project or portfolio piece equivalent in rigor to the expectations for a research course in their respective majors. Students may generally expect to write 5-10 pages per credit hour, depending upon the academic discipline.
* Students will have regular contact with their course instructor throughout the course of the semester and receive significant input at major stages of the project’s development.
* Students will utilize best practices in academic research and citation as expected in their major discipline.
* Students will learn how to formulate a research question, thesis, hypothesis, or project objective.
* Students will utilize appropriate methodologies in their major discipline and critically evaluate and synthesize source materials.
* When possible, students will produce or utilize primary source materials to support their thesis or hypothesis.
* Students will learn how to draw original conclusions from their analysis of their work.
* Students will learn how to communicate their findings with other scholars in their major discipline.
* While not formally required, students are encouraged to prepare their project as if they are presenting at a major conference or submitting to an academic journal for publication consideration.

**MISSOURI STATE UNIVERSITY**

**HONORS COLLEGE**

**UHC 398 HONORS UNDERGRADUATE RESEARCH REGISTRATION FORM**

STUDENT NAME: ­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ BEAR PASS M#: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PROPOSED COURSE CREDIT HOURS (1, 2, or 3): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PROPOSED SEMESTER OF STUDY (Fall, Spring, Summer):\_\_\_\_\_\_\_Spring 2019\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

COURSE INSTRUCTOR: \_\_\_\_\_Erin M. Buchanan\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**COMPLETE THIS REGISTRATION FORM WITH THE ASSISTANCE OF YOUR INSTRUCTOR. BE AS DETAILED AS POSSIBLE. USE ADDITIONAL PAGES IF NECESSARY.**

What is the title and nature of your proposed research?

The students will be participating with the Accelerated CREP – Turri, Buckwalter, & Blouw (2015). A CREP is a Collaborative Replications and Education Project and the purpose of projects is to 1) facilitate student research training, and 2) solidify research findings in psychological science. You can learn more about the CREP we are working on here: <https://osf.io/x978m/>.

What are the requirements for your proposed course (list all assignments, readings, meetings, etc.)?

Students will meet (virtually via Skype) with the instructor to work the research project from start to finish. This includes:

* CITI research training
* Write, submit, and get approval for the IRB based on the CREP guidelines
* Create the online course materials through Qualtrics to collect data for the CREP
* Create an online recruitment for students in PSY 121 to participate through SONA (coordinating with Dr. Fallone as well)
* Monitor participant credits to complete the data collection
* Update and provide information to the CREP team by using the Open Science Framework
* Students will coordinate with the CREP team on progress and/or finalizing our component to the project.
* Students will be encouraged to present the results of the local replication (i.e. our work) at a suitable venue like the CHHS forum.

What will your final academic project or portfolio piece entail (list all expectations)?

* By the end of the semester, students will be expected to have completed the CREP requirements, which will result in our inclusion in the academic research paper that is currently under review for pre-acceptance at Advances in Methods and Practices in Psychological Science (this is a registered report, which is accepted before the data comes in).

**By signing below, you acknowledge that you have reviewed the expectations for Honors Undergraduate Research outlined on the flip side of this form.**

Student’s Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Instructor’s Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Department Head’s Signature : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Honors College Director’s Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**THIS FORM MUST BE SUBMITTED TO THE HONORS COLLEGE BEFORE THE END OF THE FIRST WEEK OF CLASSES.**