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

**New or Modified Course Proposal Form**

**[ ] Undergraduate Curriculum Council**

**[X] Graduate Council**

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

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

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| --- | --- |
| Sarah Kendig 3/11/2022 **Department Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **COPE Chair (if applicable)** |
| Kellie Buford 3/11/2022 **Department Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Head of Unit (if applicable)** |
| Warren Johnson 3/16/2022  **College Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Undergraduate Curriculum Council Chair** |
| Mary Elizabeth Spence 3/16/2022 **Office of Assessment (new courses only)** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Graduate Curriculum Committee Chair** |
| Carl M. Cates Enter date… **College Dean** | Alan Utter 4/25/2022  **Vice Chancellor for Academic Affairs** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **General Education Committee Chair (if applicable)** |  |

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

Sarah Kendig, Dept. of Criminology, Sociology, and Geography, skendig@astate.edu, 870-972-3165

1. **Proposed starting term and Bulletin year for new course or modification to take effect**

Fall 2022; Bulletin year 2022-2023

**Instructions:**

*Please complete all sections unless otherwise noted. For course modifications, sections with a “Modification requested?” prompt need not be completed if the answer is “No.”*

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|  | **Current (Course Modifications Only)** | **Proposed (New or Modified)**  *(Indicate “N/A” if no modification)* |
| **Prefix** |  | CRIM |
| **Number\*** |  | 6393 |
| **Title**  (include a short title that’s 30 characters or fewer) |  | Quantitative Analysis |
| **Description\*\*** |  | Introduction to quantitative analysis in social science research, including the application of statistical concepts and analytic techniques using the SPSS statistical software program. Crosslisted as SOC 6393. |

***\**** Confirm with the Registrar’s Office that number chosen has not been used before and is available for use. For variable credit courses, indicate variable range. *Proposed number for experimental course is 9*.

\*\*Forty words or fewer (excepting prerequisites and other restrictions) as it should appear in the Bulletin.

1. **Proposed prerequisites and major restrictions** **[Modification requested?**

(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. **Yes** Are there any prerequisites?
   1. If yes, which ones?

SOC 3383 or equivalent.

* 1. Why or why not?

Undergraduate statistics will provide basic knowledge of/exposure to statistical concepts and analyses that are essential to the foundational understanding of the concepts and analyses expanded upon in this graduate level course.

1. **No** Is this course restricted to a specific major?
   1. If yes, which major? Enter text...
2. **Proposed course frequency [Modification requested?**

(e.g. Fall, Spring, Summer; if irregularly offered, please indicate, “irregular.”) *Not applicable to Graduate courses.*

N/A

1. **Proposed course type [Modification requested?**

Will this course be lecture only, lab only, lecture and lab, activity (e.g., physical education), dissertation/thesis, capstone, independent study, internship/practicum, seminar, special topics, or studio? Please choose one.

Lecture and lab

1. **Proposed grade type [Modification requested?**

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

Standard Letter

1. **No** Is this course dual-listed (undergraduate/graduate)?
2. **Yes** 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.)*

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

SOC 6393

**b.** – **Yes** Can the cross-listed course be used to satisfy the prerequisite or degree requirements this course satisfies?

Enter text...

1. **No** Is this course in support of a new program?

a. If yes, what program?

Enter text...

1. **No** Will this course be a one-to-one equivalent to a deleted course or previous version of this course (please check with the Registrar if unsure)?

a. If yes, which course?

Enter text...

**Course Details**

1. **Proposed outline** **[Modification requested? Yes/No]**

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

Week 1: Introduction to course

Review syllabus

Course rationale

Week 2: Measurement/types of variables

Reliability and validity

Basic descriptive statistics

Frequency distributions

Week 3: Measures of central tendency

Measures of dispersion

Week 4: LAB – application of weeks 2 & 3

Week 5: Z-scores

Standardized distributions

The normal curve

Week 6: Inferential statistics

Probability

Sampling distribution

Week 7: LAB – application of weeks 5 & 6

Week 8: Midterm Exam (weeks 2-7)

Week 9: Hypothesis testing

Chi-square

T-statistic

One-sample t-test

Two-sample t-test

Week 10: ANOVA/ANCOVA

MANOVA/MANCOVA

Week 11: LAB – application of weeks 9 & 10

Week 12: Bivariate correlation

Bivariate regression

Partial correlation

Week 13: Linear regression

Week 14: Linear regression

Week 15: LAB – application of weeks 12, 13, & 14

1. **Proposed special features** **[Modification requested?**

(e.g. labs, exhibits, site visitations, etc.)

None

1. **Department staffing and classroom/lab resources**

One faculty member

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

No

1. **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.*

**Justification**

**Modification Justification (Course Modifications Only)**

1. Justification for Modification(s)

Enter text...

**New Course Justification (New Courses Only)**

1. Justification for course. Must include:

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

Required course for M.A. Criminal Justice and M.A. Sociology. Introduces students to fundamental statistical tools used in research in both subject areas. Students will learn to use statistical software widely used in the social sciences and perform preliminary data analysis. Students will be well-equipped to further take advanced data analysis courses during their graduate program.

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

This course is an example of an applied approach to examining social science issues through an analytic lens. Concepts and techniques taught in this quantitative analysis course will allow students to critically think about, explore, and analyze topics/data that are important social concerns. Students will leave this course in a position of being a better producer and consumer of statistics, both in reading and critiquing others’ work, as well as appropriately conducting their own research.

c. Student population served.

M.A. Criminal Justice students. It is also open to M.A. degree students outside of our department.

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

This is a graduate-level course for M.A. students that builds on knowledge they acquired in their undergraduate statistics course.

**Assessment**

**Assessment Plan Modifications (Course Modifications Only)**

1. **Yes / No** Do the proposed modifications result in a change to the assessment plan?

*If yes, please complete the Assessment section of the proposal*

**Relationship with Current Program-Level Assessment Process (Course modifications skip this section unless the answer to #18 is “Yes”)**

1. 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?

Research Methods: A graduate with the MA in Criminal Justice will be able to properly utilize research methods.

1. Considering the indicated program-level learning outcome/s (from question #19), 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 #19)** | Research Methods: A graduate with the MA in Criminal Justice will be able to properly utilize research methods. |
| Assessment Measure | This program goal is not assessed within this class. The assessment measure is the M.A. student’s comprehensive exams or M.A. thesis; however, this class is the primary catalyst for meeting this program goal. |
| Assessment  Timetable | The last semester of the M.A. program. |
| Who is responsible for assessing and reporting on the results? | The thesis or comprehensive exam committee and the Graduate Assessment chair. |

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

**Course-Level Outcomes**

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

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| **Outcome 1** | M.A. students will successfully learn fundamental statistical analyses and be able to utilize a statistical software program, SPSS. |
| Which learning activities are responsible for this outcome? | Lab assignments  In-class statistical exercises and writing |
| Assessment Measure | Assessment measures include the midterm and final. |

*(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. Please include a before (with changed areas highlighted) and after of all affected sections.**  **\*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.** |

Graduate Bulletin, 2021-2022

**For integration of course into MA in Criminal Justice, see separate proposal.**

**CURRENT**

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**Criminology (CRIM)**

CRIM 5313. Seminar on Organized Crime Understand organized crime through historical and cultural frameworks, review the relationship between organized crime and federal, state, and local authorities and examine the policies to prevent organized crime. Prerequisite, Have a BA/BS in Criminal Justice, Criminology, Political Science, Psychology, or Sociology.

CRIM 6133. Police and Society Study of the evolution of policing and law enforcement as an instrument of formal social control including policing policy, organizational structure and design and various reform initiatives which have been attempted over time, including crime prevention and community problem solving.

CRIM 6233. Criminal Justice Systems A study of the general functions of the individual agencies and the duties and responsibilities of the individuals who perform these functions.

CRIM 6343. Methods of Social Research An examination of the logic of scientific inquiry and some commonly used research techniques in sociology with applications to selected examples of sociological research. Crosslisted as SOC 6343.

CRIM 6383. Advanced Data Analysis Assumptions, principles, and applications of ordinary least squares and logistic regression techniques including the basic model, dummy variables, and special functional forms. Emphasis on data acquisition, management, analysis, and report writing in sociological practice. Prerequisite, SOC 3383 or equivalent (PSY 3103, STAT 3233, ECON 2113, POSC 3003). Crosslisted as SOC 6383.

CRIM 6393. Quantitative Analysis Introduction to quantitative analysis in social science research, including the application of statistical concepts and analytic techniques using the SPSS statistical software program. Crosslisted as SOC 6393. Prerequisite, SOC 3383 or equivalent.

CRIM 6403. Seminar in Juvenile Delinquency An analytical survey of current research in juvenile delinquency involving causation, prevention, control, and treatment.

CRIM 6513. Seminar in Community and Institutional Corrections A study of the nature and effects of custodial institutions on the inmates; a review of community treatment programs and alternatives to incarceration.

CRIM 6523. Seminar in Criminal Behavior An analysis of criminal patterns of behavior and criminal typologies.

CRIM 6653. Special Topics Advanced study in a particular area of criminological inquiry. Topic varies. May be repeated for credit when topic changes.

CRIM 6603. Internship

CRIM 670V. Thesis

CRIM 680V. Independent Study

**PROPOSED**

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