Eastern Illinois University

New/Revised Course Proposal Format

CGS Agenda Item: 19-31
Effective Fall 2019

Banner/Catalog Information (Coversheet)

1. **___ New Course or __X__Revision of Existing Course**
2. **Course prefix and number:** KSR 5000 *(current catalog listing – KSS 5000)*
3. **Short title:** Research Methods in KSR
4. **Long title:** Research Methods in Kinesiology, Sport and Recreation
5. **Hours per week:** _3_ Class __0_ Lab _3__ Credit
6. **Terms:** __X__ Fall ___ Spring ___ Summer _X_ On demand
7. **Initial term**: __X__ Fall ___ Spring ___ Summer Year: _2019_
8. **Catalog course description:** An exposure to various types of research methods in related subject areas, a critical evaluation of selected studies and writing the research report.
9. **Course attributes:**

   General education component: _____

   ___ Cultural diversity ___ Honors ___ Writing centered ___ Writing intensive ___Writing active

10. **Instructional delivery**
    Type of Course:

    _X_ Lecture ___ Lab ___ Lecture/lab combined ___ Independent study/research

    ___ Internship ___ Performance ___ Practicum/clinical ___ Other, specify: _____

    Mode(s) of Delivery:

    _X__ Face to Face ___ Online ___ Study Abroad

    _X_ Hybrid, specify approximate amount of on-line and face-to-face instruction: 60% online, 40% face-to-face.

11. **Course(s) to be deleted from the catalog once this course is approved.** N/A
12. **Equivalent course(s):** N/A

    a. Are students allowed to take equivalent course(s) for credit? ___ Yes _X_ No

13. **Prerequisite(s):** None.

    a. Can prerequisite be taken concurrently? ___ Yes ___ No

    b. Minimum grade required for the prerequisite course(s)? __

    c. Use Banner coding to enforce prerequisite course(s)? _X_ Yes ___ No

d. Who may waive prerequisite(s)?

___ No one _X_ Chair ___ Instructor ___ Advisor ___ Other (specify)

14. Co-requisite(s): N/A

15. Enrollment restrictions:

a. Degrees, colleges, majors, levels, classes which <u>may</u> take the course: Restricted to KSR Graduate Students

b. Degrees, colleges, majors, levels, classes which may <u>not</u> take the course: Non-KSR Graduate Students

16. Repeat status: _X_ May not be repeated ___ May be repeated once with credit

17. Enter the limit, if any, on hours which may be applied to a major or minor: N/A

18. Grading methods: _X_ Standard ___ CR/NC __ Audit ___ ABC/NC

19. Special grading provisions: n/a

___ Grade for course will <u>not</u> count in a student's grade point average.

___ Grade for course will <u>not</u> count in hours toward graduation.

___ Grade for course will be removed from GPA if student already has credit for or is registered in: _____

___ Credit hours for course will be removed from student's hours toward graduation if student already has credit for or is registered in: _____

20. Additional costs to students: n/a
Supplemental Materials or Software___ N/A _____

Course Fee _X_No ___Yes, Explain if yes_____

21. Community college transfer:

___ A community college course may be judged equivalent.

_X_ A community college may <u>not</u> be judged equivalent.

Note: Upper division credit (3000+) will <u>not</u> be granted for a community college course, even if the content is judged to be equivalent.

<u>Rationale, Justifications, and Assurances (Part I)</u>

1. _X_Course is required for the major(s) of KSR graduate program.

___Course is required for the minor(s) of _____

___Course is required for the certificate program(s) of _____

___ Course is used as an elective

2. Rationale for proposal :

Offering KSR 5000 as a hybrid course will provide more flexibility in the scheduling of courses for non-traditional students and students with assistantships. Providing students guidance and feedback through the process of designing a research project, collecting and analyzing data and writing a research report is best

served through individual interaction between the instructor and student through both face to face meetings and individual specific on-line feedback. The option to offer this course as a hybrid class will better allow for the instructor to work individually with students through the entire research process.

3. Justifications for (answer N/A if not applicable)

Similarity to other courses: N/A

Prerequisites: N/A

Co-requisites: N/A

Enrollment restrictions: Content of the course is specific to research methodology within the field of Kinesiology, Sport and Recreation.

Writing active, intensive, centered: N/A

4. General education assurances (answer N/A if not applicable)

General education component: N/A

Curriculum: N/A

Instruction: N/A

Assessment: N/A

5. Online/Hybrid delivery justification & assurances (answer N/A if not applicable)

Hybrid delivery justification: KSR 5000 is required of all KSR graduate students. KSS 5000 requires a significant amount of one-on-one interaction between the instructor and students that can occur more efficiently as a hybrid course giving both the student and the instructor greater flexibility and more one-on-one interaction during the development, implementation, analysis and writing/editing phases of conducting individual empirical research projects. The hybrid format will also be valuable in aiding students work around assistantship obligations.

Instruction: With the hybrid option, full face-to-face classroom meetings will be utilized to introduce the course and the research process to be undertaken during the semester. The online portion of the course will utilize asynchronous online delivery and may incorporate lectures in video, PowerPoint and other applicable formats. Online and textbook readings with complimentary assignments and discussion and online quizzes will be used to support the lecture material and evaluate content knowledge. Editing of written assignments with individualized feedback will be accomplished online through an online management system (e.g. D2L). Examples of this include research topic ideas, proposal drafts, rough drafts of the research manuscript and drafts of poster presentations. Individual face-to-face meetings with students will be held regularly to assist students in developing and carrying out their research projects and to develop the final written and poster presentation of their study. All instructors who teach this class online will be trained through OCDi or equivalent.

Integrity: The course syllabus will contain a statement on academic integrity and honesty with a link to the university policy. Writing assignments including the rough drafts and final version of the research manuscript will be subject to originality checking software (e.g. Turnitin), students will need to log into an online course management system (e.g. D2L) using network passwords to access exams and quizzes which may be delivered through a lock down browser (e.g. Respondus).

Interaction: The instructor and students will communicate through email, discussion boards, and chat functions of the online course management system (e.g. D2L) and will meet face to face individually on a regular basis and as a class as necessary during the semester.

Model Syllabus (Part II)

1. Course number and title: KSS 5000 – Research Methods in Kinesiology, Sport and Recreation.

2. Catalog description: An exposure to various types of research methods in related subject areas, a critical evaluation of selected studies, and writing the research report.

3. Learning objectives: Upon successful completion of this course, students will be able to …

    a. Apply their knowledge of the 'scientific method' to solve basic and applied research problems specific to Kinesiology, Sport and Recreation. *(Depth of content knowledge, critical thinking and problem solving skills, evidence of advanced scholarship through research and/or creative activity)*
    b. Identify and develop a research topic/question and communicate their plan through the development of a written research proposal. *(Depth of content knowledge, critical thinking and problem solving skills, effective oral and written communication skills, evidence of advanced scholarship through research and/or creative activity)*
    c. Comprehend, identify and critically analyze different research methodologies that are commonly used within the field of Kinesiology, Sport and Recreation. *(Depth of content knowledge, critical thinking and problem solving skills, evidence of advanced scholarship through research and/or creative activity)*
    d. Interpret, analyze and critique research designs as examined in studies in the research literature and to develop plans for original research. *(Depth of content knowledge, critical thinking and problem solving skills, evidence of advanced scholarship through research and/or creative activity)*
    e. Comprehend and apply concepts of valid research designs to develop their own empirical research projects. *(Depth of content knowledge, critical thinking and problem solving skills, evidence of advanced scholarship through research and/or creative activity)*
    f. Understand the concepts of ethical research practice and exemplify these principles in their own work. *(Depth of content knowledge, critical thinking and problem solving skills, evidence of advanced scholarship through research and/or creative activity)*
    g. Comprehend basic concepts of statistical analysis and apply this knowledge to the interpretation and analysis of research findings. *(Depth of content knowledge, critical thinking and problem solving skills, evidence of advanced scholarship through research and/or creative activity)*
    h. Communicate research findings through the writing of the research report and in various modes of presentation. *(Depth of content knowledge, critical thinking and problem solving skills, effective oral and written communication skills, evidence of advanced scholarship through research and/or creative activity)*

4. Course materials:

    a. Thompson, J.R., Nelson, J.K. & Silverman, S.J. (2015) *Research Methods in Physical Activity* (7th edition), Human Kinetics: Champaign, IL

5. Weekly outline of content:

   a. Face-to-face: Each week consists of 150 minutes of class time with the expectation of 300 minutes of out-of-class work on the part of the students.

   b. Online: Each week will be constructed on the assumption of a minimum of 150 minutes for synchronous and asynchronous online interaction with students and for reading/module review/instruction in addition to 300 minutes of additional work on the part of the students.

Week 1-2.	Introduction to basic principles of research and the application of the scientific method. Strategies for identifying a research problem (Objective a, b)
Week 2-3.	Refining the research question and developing the research proposal (Objective a, b, c, d)
Week 3-4.	Reading scientific reports, Research designs/methodological considerations (Objective a, b, c, d, e, g)
Week 5.	Ethical concepts and practices in research (Objective f)
Week 6-7.	Identification, measurement and assessment of research variables. Survey construction (Objective e, g)
Week 8.	Data analysis and statistical interpretation (Objective h)
Week 9.	Scientific writing and formatting (APA formatting guidelines) (Objective i)
Week 11-12.	Principles of analytical and descriptive research techniques (Objective c, d)
Week 13.	Principles of experimental research (Objective c, d)
Week 14.	A comparison of quantitative and qualitative research techniques (Objective c, d)
Week 15.	Communication of research findings and Poster presentation (KSS Research Fair) (Objective h)
Week 16	Submission of the final research manuscript (Objective h)

6. Assignments and evaluations, including weights for final course grade:

Grade Components	Points	Approximate Percent of Grade
Assignments that may include, but are not limited to reading summaries and reflection, research synthesis, APA formatting exercises, identification of ethical problems in research, data analysis problems.	TBD by instructor	20%
Research Proposal	TBD by instructor	10%
Poster Presentation	TBD by instructor	25%
Written research manuscript	TBD by instructor	45%

7. Grading scale:

A 90-100% of total points.
B 80-89% of total points.
C 70-79% of total points.
D 60-69% of total points.
F < 60% of total points.

8. Correlation of learning objectives to assignments and evaluations:

Objective	Written Assignments 20%	Research Proposal 10%	Poster Presentation 25%	Research Manuscript 45%
a.	X	X	X	X
b.		X		
c.	X			
d.	X	X	X	X
e.		X	X	X
f.	X	X		
g.	X	X		
h.	X		X	X

Date approved by the department or school: March 4, 2019
Date approved by the college curriculum committee: April 8, 2019
Date approved by the Honors Council *(if this is an honors course):*
Date approved by CAA: CGS: