

Submit originals and one copy and electronic copy to the Faculty Senate Office
(Email electronic copy to senate@uconn.edu)

description of the rules governing clinical

at least one writing intensive course designed to develop and enhance writing skills
NRM F-483 (3+0)

NEW PROGRAM PROPOSAL

Offered Fall
Capstone Research component of CapStone I and National Park Service

designing

307.87



APPROVALS

[Handwritten Signature]

Date: 1/10/2015



GEOG/NRM 483 W&O – RESEARCH DESIGN, WRITING, AND REPRESENTATION METHODS (2 credits)

W&O Focus

W&O Objectives

W&O Objective	W&O Focus
1. Identify and describe the research process, including the selection of a research topic, the formulation of research questions, the selection of research methods, and the collection and analysis of data.	1.1. Identify and describe the research process, including the selection of a research topic, the formulation of research questions, the selection of research methods, and the collection and analysis of data.
2. Apply research methods to a specific research question, including the selection of appropriate data sources, the design of a research instrument, and the collection and analysis of data.	2.1. Apply research methods to a specific research question, including the selection of appropriate data sources, the design of a research instrument, and the collection and analysis of data.
3. Write a research proposal, including the selection of a research topic, the formulation of research questions, the selection of research methods, and the collection and analysis of data.	3.1. Write a research proposal, including the selection of a research topic, the formulation of research questions, the selection of research methods, and the collection and analysis of data.
4. Write a research report, including the selection of a research topic, the formulation of research questions, the selection of research methods, and the collection and analysis of data.	4.1. Write a research report, including the selection of a research topic, the formulation of research questions, the selection of research methods, and the collection and analysis of data.
5. Present research findings in a clear and concise manner, including the selection of appropriate data sources, the design of a research instrument, and the collection and analysis of data.	5.1. Present research findings in a clear and concise manner, including the selection of appropriate data sources, the design of a research instrument, and the collection and analysis of data.

COURSE DESCRIPTION

This course is designed as a capstone research and professional development course for
M.S. and Ph.D. students in Management and Geosience majors. It can also serve as

GRADING

Grading is based on the following criteria: class participation, assignments, and presentations. The following table provides a general guide to the grading process. The final grade is determined by the instructor's discretion.

Grade	Description
A	Excellent work, demonstrating a high level of understanding and skill.
B	Good work, demonstrating a solid understanding and skill.
C	Satisfactory work, demonstrating a basic understanding and skill.
D	Marginal work, demonstrating a limited understanding and skill.
F	Unsatisfactory work, demonstrating a lack of understanding and skill.
W	Withdrawal, due to non-attendance or other reasons.

COURSE POLICIES

EXPECTATIONS

Students are expected to complete all assignments on time and to the best of their ability. Students are also expected to participate in class discussions and to provide constructive feedback to their peers. Students are also expected to adhere to the following policies:

- All assignments must be submitted on time.
- All assignments must be completed to the best of the student's ability.
- All assignments must be submitted in a professional format.
- All assignments must be submitted in a hard copy format.
- All assignments must be submitted in a digital format.

Students are also expected to adhere to the following policies:

- All assignments must be submitted on time.
- All assignments must be completed to the best of the student's ability.
- All assignments must be submitted in a professional format.
- All assignments must be submitted in a hard copy format.
- All assignments must be submitted in a digital format.

ACADEMIC INTEGRITY

Students are expected to adhere to the following policies:

- All assignments must be submitted on time.
- All assignments must be completed to the best of the student's ability.
- All assignments must be submitted in a professional format.
- All assignments must be submitted in a hard copy format.
- All assignments must be submitted in a digital format.

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support their success. Please let me know if there is anything that can be done to facilitate your transition to CGU.

Best regards,
[Name]

Assignment

Present Course

Outline/Concept Map	4
Draft 1	7
Draft 2	7
Figure	5
Final Draft Submission Ready	8

Participation and Professionalism

10

10/1

... will be penalized up to 1/6 each day. If you do not discuss with your instructor, there will be consequences.

LUA
TIO

N SCHEDULE



"The first step in the process of graph design is to determine the purpose of the graph. This is a critical step because it will determine the type of graph that is most appropriate for the data and the audience. Once the purpose is clear, the next step is to collect and analyze the data. This involves identifying the variables to be measured and the methods for collecting the data. Finally, the data is presented in a clear and concise manner, using appropriate graphing techniques and labels."

"The second step in the process of graph design is to choose the appropriate graphing technique. There are many different types of graphs, each with its own strengths and weaknesses. The choice of graphing technique should be based on the nature of the data and the purpose of the graph. For example, a line graph is best suited for showing trends over time, while a bar graph is best suited for comparing different categories."

"The third step in the process of graph design is to create a clear and concise title and label for the graph. The title should be brief and to the point, and should clearly state the purpose of the graph. The labels should be clear and easy to read, and should accurately describe the data being presented. This step is crucial because it ensures that the graph is easy to understand and interpret."

"The fourth step in the process of graph design is to format the graph in a professional and visually appealing manner. This involves choosing appropriate colors, fonts, and line styles, and ensuring that the graph is well-organized and easy to read. The final step in the process is to review the graph for accuracy and clarity, and to make any necessary adjustments. By following these steps, you can create a graph that is both informative and visually appealing."

"The fifth step in the process of graph design is to present the graph in a clear and concise manner. This involves choosing the appropriate format for the graph, such as a printed document or a digital presentation. The graph should be presented in a way that is easy to understand and interpret, and should be accompanied by a clear and concise explanation of the data. This step is crucial because it ensures that the graph is effectively communicating the intended message."

"The sixth step in the process of graph design is to evaluate the effectiveness of the graph. This involves asking questions such as: "Does the graph clearly communicate the intended message?" "Is the graph easy to understand and interpret?" "Is the graph visually appealing?" By evaluating the effectiveness of the graph, you can identify any areas for improvement and make necessary adjustments. This step is crucial because it ensures that the graph is effectively communicating the intended message."

"The seventh step in the process of graph design is to share the graph with the intended audience. This involves choosing the appropriate method for sharing the graph, such as a printed document or a digital presentation. The graph should be shared in a way that is easy to understand and interpret, and should be accompanied by a clear and concise explanation of the data. This step is crucial because it ensures that the graph is effectively communicating the intended message."

In-Class Activity

Assignments Due

12	17 Nov	Lecture 18: Multiple life histories: finding the middle ground <i>little</i>	<ul style="list-style-type: none"> Peer Review Elements 25-27 	Peer Review
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Discussion Presentation 1h

Drop-in Discussions
PIZZA PARTY
 Canon TBA

Students will be notified and the syllabus will be updated on Canvas