Cover Sheet: Request 10482

4XXX

**Info**

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<td>Submitter</td>
<td>Mazyck,David W <a href="mailto:dmazyck@ufl.edu">dmazyck@ufl.edu</a></td>
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**Description**

To develop in students an understanding of the fellowship and grant process. To develop the capability and confidence in students to develop outstanding components of fellowships and grants; such as personal statement, previous research, and proposed research. To develop an understanding of crucial components to obtaining a PhD, including the selection of an adviser, the importance of mentoring, peer reviewed literature and how to get published.

**Actions**

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<th>User</th>
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Course | New for request 10482

Info
Request: 4XXX
Submitter: Mazyck, David W dmazyck@ufl.edu
Created: 10/8/2015 9:21:51 AM
Form version: 1

Responses
Recommended Prefix: EGN
Course Level: 4
Number: XXX
Lab Code: None
Course Title: NSF Fellowship Preparation
Transcript Title: NSF Fellowship Prep
Effective Term: Fall
Effective Year: 2016
Rotating Topic?: No
Amount of Credit: 1
Repeatable Credit?: No
S/U Only?: No
Contact Type: Regularly Scheduled
Degree Type: Baccalaureate
Weekly Contact Hours: 3
Category of Instruction: Advanced
Delivery Method(s): On-Campus
Course Description: Provide an overview of fellowship preparation pertaining intellectual merit and broader impacts.
Prerequisites: None
Corequisites: None
Rationale and Placement in Curriculum: The course is intended for undergraduate seniors interested in supporting their Ph.D. with an NSF fellowship. Student must meet NSF eligibility requirements.
Course Objectives: Effective communication of a research plan including literature review, hypothesis, research objectives, intellectual merit and broad impacts.
Course Textbook(s) and/or Other Assigned Reading: None
Weekly Schedule of Topics: Week 1 - Introduction to Course, Funding Options and Fellowships
Week 2 - Fellowship Process and Advantages of Fellowships
Week 3 - Preparing the Personal Statement
Week 4 - Preparing the Previous Research Statement
Week 5 - Preparing the Proposed Plan of Study/Research
Week 6 - Letters of Recommendation and peer review of Personal Statement
Week 7 - Peer review of Previous Research Statement
Week 8 - Peer review of Proposed Plan of Study/Research
Week 9-11 - Second round of Peer Reviews and Revisions
Week 12 - Advisor Selection
Week 13 - Tips for Excelling in Research
Week 14 - Journal Articles
Week 15 - Mentoring

Grading Scheme: Grades will be determined on the following basis:
Personal Statement: 20%
Previous Research: 20%
Proposed Research: 20%
Participation in Peer Review 20%
Three Minute Presentation 20%

Instructor(s): David W. Mazyck