

# Cover Sheet: Request 10482

4XXX

## Info

Process	Course New Ugrad/Pro
Status	Pending
Submitter	Mazyck,David W dmazyck@ufl.edu
Created	10/8/2015 9:21:51 AM
Updated	10/8/2015 9:37:08 AM
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

Step	Status	Group	User	Comment	Updated
Department	Approved	ENG - Engineering - General 011940001	Caple, Elizabeth		10/8/2015
No document changes					
College	Approved	ENG - College of Engineering	Caple, Elizabeth		10/8/2015
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			10/8/2015
No document changes					
Statewide Course Numbering System					
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
College Notified					
No document changes					

# 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

**Co-requisites :** 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