

Writing Grant Proposals for Scholarships and Fellowships

ABE 5936

Sections 21284/20603

Class Periods: Tuesdays, Period 8-9, 3:00pm - 4:55pm

Location: Frazier Rogers Hall 275

Academic Term: Fall 2025

Instructor:

Henry Medeiros

hmedeiros@ufl.edu

Frazier Rogers Hall 275,

352-294-6706

Office Hours: Mon. 3:00pm – 4:00pm (or by appointment)

Teaching Assistant/Peer Mentor/Supervised Teaching Student:

Check course Canvas site.

Course Description

Introduces incoming graduate students in the Agricultural and Biological Engineering department to opportunities for obtaining scholarships, fellowships, internships, and teaching/research assistantships from federal funding agencies; includes funding sources and opportunities, provide guidelines for proposal writing. Requires preparing a proposal (2 credits).

Course Pre-Requisites / Co-Requisites

ENC3246 or equivalent technical writing course, senior or graduate status in the Agricultural and Biological Engineering Department, or instructor permission.

Course Objectives

Students should leave the course with knowledge of the opportunities for obtaining funding to support graduate education (e.g., fellowships), as well as the basic tools needed for submitting a competitive research proposal.

Materials and Supply Fees

N/A.

Required Textbooks and Software

Course notes provided by the instructor.

Recommended Materials

N/A.

Course Schedule

Week 1: Introduction to Grant Writing

Week 2: Personal Statement

Week 3: Outlining

Week 4: Research Vision

Week 5: Background and Knowledge Gaps

Week 6: Hypothesis and Problem Statement

Week 7: Data Collection and Objectives

Week 8: Methodology and Approach

Week 9: Peer Review Panel #1-Fellowship Proposals (5 pages, following NSF GRFP model)

Week 10: Visualization

Week 11: Title and Summary Page

Week 12: Holiday

Week 13: Oral Presentations

Week 14: Holiday

Week 15: Peer Review Panel #2-Mini research proposal (5-page research proposal)

Important Dates

10/21/25 Peer Review Panel #1-Fellowship Proposals

11/18/25 Oral Presentations

12/02/25 Peer Review Panel #2-Mini research proposal (Time, Location)

Evaluation of Grades

Assignment	Percentage of Final Grade
Attendance and Participation	10%
Homework	15%
Fellowship Essays	20%
Research Proposal	20%
Review panels	10%
Semester Project	10%
Research Portfolio	15%
	100%

Grading Policy

Percent	Grade	Grade Points
93.4 - 100	A	4.00
90.0 - 93.3	A-	3.67
86.7 - 89.9	B+	3.33
83.4 - 86.6	B	3.00
80.0 - 83.3	B-	2.67
76.7 - 79.9	C+	2.33
73.4 - 76.6	C	2.00
70.0 - 73.3	C-	1.67
66.7 - 69.9	D+	1.33
63.4 - 66.6	D	1.00
60.0 - 63.3	D-	0.67
0 - 59.9	E	0.00

Academic Policies & Resources

To support consistent and accessible communication of university-wide student resources, instructors must include this link to academic policies and campus resources: <https://go.ufl.edu/syllabuspolices>. Instructor-specific guidelines for courses must accommodate these policies.

Commitment to a Positive Learning Environment

The Herbert Wertheim College of Engineering values varied perspectives and lived experiences within our community and is committed to supporting the University's core values.

If you feel like your performance in class is being impacted, please contact your instructor or any of the following:

- Your academic advisor or Undergraduate Coordinator
- HWCoe Human Resources, 352-392-0904, student-support-hr@eng.ufl.edu
- Pam Dickrell, Associate Dean of Student Affairs, 352-392-2177, pld@ufl.edu