

# Cover Sheet: Request 10607

**ABE 4949**

## Info

Process	Course Modify Ugrad/Pro
Status	Pending
Submitter	Leary, James Daniel drleary@ufl.edu
Created	12/5/2015 1:35:29 PM
Updated	2/12/2016 12:00:25 PM
Description	Work experience in the biological engineering industry with adviser approval. (S-U)

## Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	ENG - Agricultural and Biological Engineering	Haman, Dorota Zofia		12/7/2015
No document changes					
College	Approved	ENG - College of Engineering	Caple, Elizabeth		1/5/2016
No document changes					
University Curriculum Committee	Comment	PV - University Curriculum Committee (UCC)	Case, Brandon	Added to the February Agenda	1/21/2016
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			1/21/2016
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|Modify for request 10607

## Info

**Request:** ABE 4949

**Submitter:** Leary, James Daniel drleary@ufl.edu

**Created:** 12/5/2015 1:35:29 PM

**Form version:** 1

## Responses

**Current Prefix:** ABE

**Course Level:** 4

**Number :** 949

**Lab Code :** None

**Course Title :** Co-op Work Experience

**Effective Term :** Earliest Available

**Effective Year :** Earliest Available

**Requested Action :** Other (selecting this option opens additional form fields below)

**Change Course Prefix?:** No

**Change Course Level?:** No

**Change Course Number?:** No

**Change Lab Code?:** No

**Change Course Title?:** Yes

**Current Course Title:** Co-op Work Experience

**Proposed Course Title:** Work Experience in Biological Engineering

**Change Transcript Title?:** Yes

**Current Transcript Title:** Co-op Work Experience

**Proposed Transcript Title (21 char. max):** Wk Exp Biologicl Engr

**Change Credit Hours?:** Yes

**Current Credit Hours:** 1

**Proposed Credit Hours:** 3

**Change Variable Credit?:** Yes

**Current Min and Max Credits:** 1

**Proposed Min and Max Credits:** 1-3

**Change S/U Only?:** No

**Change Contact Type?:** Yes

**Current Contact Type:** Supervision of Cooperative Education

**Proposed Contact Type:** Supervision of Student Interns

**Change Rotating Topic Designation?:** No

**Change Repeatable Credit?:** No

**Change Course Description?:** Yes

**Current Course Description:** One-term industrial employment, including extra work according to a pre-approved outline. Practical engineering work under industrial supervision as set forth in the College of Engineering regulations. (S-U)

**Proposed Course Description (50 words max):** Work experience in the biological engineering industry with adviser approval. (S-U)

**Change Prerequisites?:** Yes

**Current Prerequisites:** Work according to a pre-approved outline. Practical engineering work with industrial supervision.

**Proposed Prerequisites:** With adviser approval.

**Change Co-requisites?:** No

**Rationale:** This change in title and credits will allow Biological Engineering students to receive credit for qualified engineering work experience to include internships as well as co-ops.

## **ABE 4949: WORK EXPERIENCE IN BIOLOGICAL ENGINEERING**

- 1. Catalog Description:** 1-3 *credits* repeatable. Engineering work experience under the supervision of an engineer. (S-U)
- 2. Pre-requisites and Co-requisites:** None
- 3. Course Objectives:** Part-time or full-time engineering work experience to allow students the opportunity to receive elective credit toward their degree while being able to gain practical engineering skills.
- 4. Relationship of course to ABET program outcomes:** This course addresses ABET Program outcomes (a), (d), (g), (h), (j) and (k).
  - (a) Apply knowledge of mathematics, science, and engineering*
  - (b) Design and conduct experiments, as well as analyze and interpret data*
  - (c) Design a system, component, or process to meet desired needs*
  - (d) Function on multi-disciplinary teams*
  - (e) Identify, formulate, and solve engineering problems*
  - (f) Understand professional and ethical responsibilities*
  - (g) Communicate effectively*
  - (h) Understand the impact of engineering solutions in a global and societal context*
  - (i) Recognize the need for, and engage in life long learning*
  - (j) Understand contemporary engineering issues*
  - (k) Use the techniques, skills, and modern engineering tools necessary for engineering practice*
- 5. Instructor:** Internship/Co-op Supervisor
  - a. Office location: To be determined
  - b. Telephone: TBD
  - c. E-mail address: TBD
- 6. Teaching Assistant:** NA
- 7. Meeting Times:** NA
- 8. Class/Laboratory Schedule:** NA
- 9. Meeting Location:** NA
- 10. Material and Supply Fees:** NA
- 11. Textbooks Required:** NA
- 12. Reference books:** NA
- 13. Course Outline:** NA
- 14. Expectations:**

The student will maintain appropriate working hours as determined by her/his supervisor and maintain regular contact with the ABE Department Undergraduate Coordinator or ABE Department designee.

**15. Grading:**

The grade for this internship/co-op will be determined by the student's supervisor in coordination with the ABE Department Undergraduate Coordinator or ABE Department designee.

A C- will not be a qualifying grade for critical tracking courses. In order to graduate, students must have an overall GPA and an upper-division GPA of 2.0 or better (C or better). Note: a C- average is equivalent to a GPA of 1.67, and therefore, it does not satisfy this graduation requirement. For more information on grades and grading policies, please visit: <http://www.registrar.ufl.edu/catalog/policies/regulationgrades.html>

**16. Exam: NA**

**17. Honesty Policy** – All students admitted to the University of Florida have signed a statement of academic honesty committing them to be honest in all academic work and understanding that failure to comply with this commitment will result in disciplinary action. This statement is a reminder to uphold your obligation as a UF student and to be honest in all work submitted and exams taken in this course and all others.

**18. Accommodation for Students with Disabilities** – Students requesting classroom accommodation must first register with the Dean of Students Office. That office will provide the student with documentation that he/she must provide to the course instructor when requesting accommodation.

**19. UF Counseling Services** – Resources are available on-campus for students having personal problems or lacking clear career and academic goals. The resources include:

- University Counseling Center, 301 Peabody Hall, 392-1575, Personal and Career Counseling.
- SHCC mental Health, Student Health Care Center, 392-1171, Personal and Counseling.
- Center for Sexual Assault/Abuse Recovery and Education (CARE), Student Health Care Center, 392-1161, sexual assault counseling.
- Career Resource Center, Reitz Union, 392-1601, career development assistance and counseling.

**20. Software Use** – All faculty, staff and student of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.