**PURDUE UNIVERSITY**
REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE
(10000-40000 LEVEL)

**DEPARTMENT**: Biology
**EFFECTIVE SESSION**: Fall 2016

**PROPOSED:**
- Subject Abbreviation: BIOL
- Course Number: 12000
- Long Title: Biology Resource Seminar
- Short Title: Bio Res Seminar

**EXISTING:**
- Subject Abbreviation: 
- Course Number: 

**TERMS OFFERED**
- Check All That Apply: [ ] Fall [ ] Spring [ ] Summer

**CAMPUS(ES) INVOLVED**
- [ ] Calumet
- [ ] Cont Ed
- [x] Ft. Wayne
- [ ] N. Central
- [ ] Tech Statewide
- [ ] Indianapolis
- [ ] W. Lafayette

**CREDIT TYPE**
- 1. Fixed Credit: Cr. Hrs.: 
- 2. Variable Credit Range: Minimum Cr. Hrs. (Check One) [ ] 1
- 3. Equivalent Credit: Yes [ ] No [ ]

**COURSE ATTRIBUTES**
- Check All That Apply:
  - [x] Pass/Not Pass Only
  - [ ] Satisfactory/Unsatisfactory Only
  - [x] Repeatable
  - [ ] Maximum Repeatable Credit: 
  - [ ] Credit by Examination
  - [ ] Fees: [ ] Coop [ ] Lab [ ] Rate Request

**Schedule Type**
- Lecture
- Recitation
- Presentation
- Laboratory
- Lab Prep
- Studio
- Distance
- Clinic
- Experiential
- Research
- Ind. Study
- Pract/Observe

**Schedule Details**
- Minutes Per Mgt: 50
- Meetings Per Week: 1
- Weeks Offered: 16
- % of Credit Allocated: 100

**COURSE DESCRIPTION**
Provides incoming Biology majors with an overview of the degree program and its application to relevant professions. Focus will be on: campus resources and strategies for success, information literacy and scientific thinking, career paths in biology, and responsibilities of biologists. Presentations will be made by Department of Biology faculty, guest speakers from on and off campus, and advanced students in support of class discussion. Restricted to Biology majors with freshman standing.

**COURSE LEARNING OUTCOMES**:
- Understanding of Biology B.S. degree curriculum and four year plan
- Knowledge of resources and opportunities available for Biology majors
- Awareness of career paths in the biological sciences
- Awareness of personal and professional expectations of the discipline of biology

**Signature**
- Calumet Department Head
- Calumet School Dean
- Fort Wayne Department Head
- Fort Wayne School Dean
- Indianapolis Department Head
- Indianapolis School Dean
- North Central Faculty Senate Chair
- Vice Chancellor for Academic Affairs
- West Lafayette Department Head
- West Lafayette College/School Dean

**Date**

**OFFICE OF THE REGISTRAR**
MEMORANDUM

TO: Mark Jordan, Chair of the COAS Curriculum Committee
FROM: Frank Paladino, Chair of Department of Biology
DATE: April 8, 2015
SUBJ: New Course Request BIOL 12000 Biology Resource Seminar

Please find included the Form 40 and syllabus for creation of a new course entitled Biology Resource Seminar (BIOL 12000). This one credit course will be required of all incoming Biology majors with Freshman standing. It is intended to introduce students to: the Biology curriculum, career paths in the field, professional and academic standards, and resources and opportunities within the department, on campus, and in the broader community. Presentations and discussions will be led by Biology faculty, resource specialists on campus, and guest speakers with careers associated with biology. The development of this course addresses one of the goals that we identified in the USAP process because we believe that it will help students become acclimated to our program and increase retention.

CC: Dar Bender
    Deb Holle
    Bruce Kingsbury
    Elaine Blakemore
Indiana University-Purdue University Fort Wayne
Biology Resource Seminar - BIOL 12000

Room: LA 35A
Time: Friday 1:30 – 2:20pm

OVERVIEW

This one-credit course is required for students that have declared a Biology major within the past year and have freshman standing. The purpose of the course is to provide incoming Biology majors with an overview of: the degree program, resources and opportunities on and off campus, and the application of the degree to career paths. Presentations will be made by faculty, guest speakers, and advanced students in support of class discussion. Students will gain an understanding of the expectations of the degree and become familiar with the community of biologists working at IPFW. There are no pre-requisites for the course beyond acceptance as a Biology major.

Course Objectives

- Overview of Biology B.S. curriculum and development of a four year plan
- Introduction to resources available to you on campus to aid your learning and enhance your experience
- Create awareness of faculty research programs and opportunities for undergraduate research
- Introduction to possible career paths to those with a Bachelor’s degree in Biology
- Personal and professional expectations of the discipline and the scientific community

Assignments and Grading

Attendance and participation represent a significant portion of course activities. You may earn 5 points per session attended up to a maximum of 55 points (11 of 14 class meetings). An absence for any reason will result in the loss of these points for a given day. A handheld course responder (iClicker) is required for recording attendance and participating in lecture activities. In addition to attendance, you will complete a four plan of study and an assignment that introduces you to library resources.

The course is graded as pass/fail. You must earn 70% of the available points to pass the course.

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<thead>
<tr>
<th>Activity</th>
<th>Points</th>
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<tbody>
<tr>
<td>Approved four year plan of study</td>
<td>35</td>
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<tr>
<td>Library Assignment</td>
<td>10</td>
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<tr>
<td>Attendance and Participation</td>
<td>55</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>100</strong></td>
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Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic/Activity</th>
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<tbody>
<tr>
<td>1</td>
<td>Course Introduction, Degree Options and Requirements</td>
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<tr>
<td>2</td>
<td>Completion of Four Year Plan of Study</td>
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<td>3</td>
<td>Student Resources: Student Clubs and Student Life</td>
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<tr>
<td>4</td>
<td>Student Resources: Scholarships and Academic Support – CASA</td>
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<tr>
<td>5</td>
<td>Student Resources: IT Services, Library</td>
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<tr>
<td>6</td>
<td>Ethical Expectations: Data Collection and Plagiarism</td>
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<tr>
<td>7</td>
<td>Ethical Expectations: Lab and Field Safety</td>
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<td>8</td>
<td>Career Opportunities in Biology</td>
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<td>9</td>
<td>Career Services</td>
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<td>10</td>
<td>Preparation for Professional or Graduate School</td>
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<tr>
<td>11</td>
<td>Faculty presentations and research opportunities</td>
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<tr>
<td>12</td>
<td>Faculty presentations and research opportunities</td>
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<tr>
<td>15</td>
<td>Final</td>
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Disabilities Statement

If you have a disability and need assistance, special arrangements can be made to accommodate most needs. Contact the Director of Services for Students with Disabilities (Walb Student Union 113; 481-6657), as soon as possible to work out the details. For more information, please visit the web site for SSD at http://www.ipfw.edu/ssd/