**Ogden College of Science and Engineering**

**Office of the Dean**

**745-4449**

**REPORT TO THE UNIVERSITY CURRICULUM COMMITTEE**

Date: February 12, 2015

The Ogden College of Science and Engineering submits the following action items for consideration at the February 2015 UCC meeting:

1. New Business

|  |  |
| --- | --- |
| **Type of item** | **Description of Item & Contact Information** |
| Action | **Proposal to Make Multiple Revisions to a Course**  AMS 490, Senior Research, 3 hrs.  Contact: Neal Downing, [neal.downing@wku.edu](mailto:neal.downing@wku.edu), x6302 |
| Action | **Proposal to Make Multiple Revisions to a Course**  AMS 490-M1, Senior Research Module 1, 1 hr.  Contact: Neal Downing, [neal.downing@wku.edu](mailto:neal.downing@wku.edu), x6302 |
| Action | **Proposal to Make Multiple Revisions to a Course**  AMS 490-M2, Senior Research Module 2, 1 hr.  Contact: Neal Downing, [neal.downing@wku.edu](mailto:neal.downing@wku.edu), x6302 |
| Action | **Proposal to Make Multiple Revisions to a Course**  AMS 490-M3, Senior Research Module 3, 1 hr.  Contact: Neal Downing, [neal.downing@wku.edu](mailto:neal.downing@wku.edu), x6302 |
| Action | **Proposal to Make Multiple Revisions to a Course**  PSYS 290, Supervised Study in Psychology, 1-3 hrs.  Contact: Steven Haggbloom, [steven.haggbloom@wku.edu](mailto:steven.haggbloom@wku.edu), x4427 |
| Action | **Proposal to Make Multiple Revisions to a Course**  PSYS 331, Psychology of Learning, 3 hrs.  Contact: Steven Haggbloom, [steven.haggbloom@wku.edu](mailto:steven.haggbloom@wku.edu), x4427 |
| Action | **Proposal to Make Multiple Revisions to a Course**  PSYS 490, Research, Readings or Special Projects in Psychology, 1-3 hrs.  Contact: Steven Haggbloom, [steven.haggbloom@wku.edu](mailto:steven.haggbloom@wku.edu), x4427 |

Proposal Date: 12/05/2014

**Ogden College of Science and Engineering**

**Department of Architectural and Manufacturing Sciences**

**Proposal to Make Multiple Revisions to a Course**

**(Action Item)**

Contact Person: Neal Downing / [neal.downing@wku.edu](mailto:neal.downing@wku.edu) / 270-745-6302

**1. Identification of course:**

* 1. Current course prefix (subject area) and number: AMS 490
  2. Course title: Senior Research

**2. Revise course title: NA**

**3. Revise course number: NA**

**4. Revise course prerequisites:**

4.1 Current prerequisites/corequisites/special requirements: (indicate which)

Pre-requisite: Completion of a 9 / 10 cr. hr. specialty area in either Architectural or Manufacturing Sciences

4.2 Proposed prerequisites: Consent of the instructor

4.3 Rationale for revision of course prerequisites:

Students will be permitted to enroll in this 400-level course at the appropriate time, as determined by the instructor.

4.4 Effect on completion of major/minor sequence: none

**5. Revise course catalog listing:**

* 1. Current course catalog listing: (3) Students work on research projects utilizing skills and knowledge from prior courses in the program. Projects performed, when possible, for local industry or architectural/construction firms. Lecture and laboratory. Course Fee
  2. Proposed course catalog listing: (3) Students work on a capstone research project utilizing skills and knowledge from prior courses in their degree program. Projects performed, when possible, for a specific client or local industry. Lecture and laboratory. Course Fee.
  3. Rationale for revision of course catalog listing:

Minor wording changes emphasis the nature of AMS 490 as a capstone course and simplification of description as local industry includes architectural/construction firms.

**6. Revise course credit hours: NA**

**7.** **Revise grade type: NA**

**8. Proposed term for implementation:**

201530

**9. Dates of prior committee approvals:**

|  |  |
| --- | --- |
| Department of Architectural & Manufacturing Sciences | 12/05/2014 |
| Ogden College Curriculum Committee | 2/05/2015 |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: 12/05/2014

**Ogden College of Science and Engineering**

**Department of Architectural and Manufacturing Sciences**

**Proposal to Make Multiple Revisions to a Course**

**(Action Item)**

Contact Person: Neal Downing / [neal.downing@wku.edu](mailto:neal.downing@wku.edu) / 270-745-6302

**1. Identification of course:**

* 1. Current course prefix (subject area) and number: AMS 490-M1
  2. Course title: Senior Research Module 1

**2. Revise course title: NA**

**3. Revise course number: NA**

**4. Revise course prerequisites:**

4.1 Current prerequisites/corequisites/special requirements: (indicate which)

Pre-requisite: Completion of a 9 / 10 cr. hr. specialty area in either Architectural or Manufacturing Sciences

4.2 Proposed prerequisites:

Consent of the instructor

4.3 Rationale for revision of course prerequisites/co-requisites/special requirements:

Students will be permitted to enroll in this 400-level course at the appropriate time, as determined by the instructor.

4.4 Effect on completion of major/minor sequence:

None

**5. Revise course catalog listing:**

* 1. Current course catalog listing: (1) Students work on research projects utilizing skills and knowledge from prior courses in the program. Projects performed, when possible, for local industry or architectural/construction firms.
  2. Proposed course catalog listing: (1) Students work on research projects utilizing skills and knowledge from prior courses in the program. Projects performed, when possible, for local industry. Course Fee.
  3. Rationale for revision of course catalog listing:

Simplification of description as local industry includes architectural/construction firms.

**6. Revise course credit hours: NA**

**7.** **Revise grade type: NA**

**8. Proposed term for implementation:**

201530

**9. Dates of prior committee approvals:**

|  |  |
| --- | --- |
| Department of Architectural & Manufacturing Sciences | 12/05/2014 |
| Ogden College Curriculum Committee | 2/05/2015 |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: 12/05/2014

**Ogden College of Science and Engineering**

**Department of Architectural and Manufacturing Sciences**

**Proposal to Make Multiple Revisions to a Course**

**(Action Item)**

Contact Person: Neal Downing / [neal.downing@wku.edu](mailto:neal.downing@wku.edu) / 270-745-6302

**1. Identification of course:**

* 1. Current course prefix (subject area) and number: AMS 490-M2
  2. Course title: Senior Research Module 2

**2. Revise course title: NA**

**3. Revise course number: NA**

**4. Revise course prerequisites:**

4.1 Current prerequisites/corequisites/special requirements: (indicate which)

Pre-requisite: AMS 490-M1.

4.2 Proposed prerequisites:

AMS 490-M1 or consent of the instructor.

4.3 Rationale for revision of course prerequisites:

Students will be permitted to enroll in this 400-level course at the appropriate time, as determined by the instructor.

4.4 Effect on completion of major/minor sequence:

None

**5. Revise course catalog listing:**

* 1. Current course catalog listing: (1) Students work on research projects utilizing skills and knowledge from prior courses in the program. Projects performed, when possible, for local industry or architectural/construction firms. Course Fee
  2. Proposed course catalog listing: (1) Students work on research projects utilizing skills and knowledge from prior courses in the program. Projects performed, when possible, for local industry. Course Fee.
  3. Rationale for revision of course catalog listing:

Simplification of description as local industry includes architectural/construction firms.

**6. Revise course credit hours: NA**

**7.** **Revise grade type: NA**

**8. Proposed term for implementation:**

201530

**9. Dates of prior committee approvals:**

|  |  |
| --- | --- |
| Department of Architectural & Manufacturing Sciences | 12/05/2014 |
| Ogden College Curriculum Committee | 2/05/2015 |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: 12/05/2014

**Ogden College of Science and Engineering**

**Department of Architectural and Manufacturing Sciences**

**Proposal to Make Multiple Revisions to a Course**

**(Action Item)**

Contact Person: Neal Downing / [neal.downing@wku.edu](mailto:neal.downing@wku.edu) / 270-745-6302

**1. Identification of course:**

* 1. Current course prefix (subject area) and number: AMS 490-M3
  2. Course title: Senior Research Module 3

**2. Revise course title: NA**

**3. Revise course number: NA**

**4. Revise course prerequisites:**

4.1 Current prerequisites/corequisites/special requirements: (indicate which)

Pre-requisite: AMS 490-M2.

4.2 Proposed prerequisites:

AMS 490-M2 or consent of the instructor

4.3 Rationale for revision of course prerequisites:

Students will be permitted to enroll in this 400-level course at the appropriate time, as determined by the instructor.

4.4 Effect on completion of major/minor sequence:

None

**5. Revise course catalog listing:**

* 1. Current course catalog listing: (1) Students work on research projects utilizing skills and knowledge from prior courses in the program. Projects performed, when possible, for local industry or architectural/construction firms. Course Fee
  2. Proposed course catalog listing: (1) Students work on research projects utilizing skills and knowledge from prior courses in the program. Projects performed, when possible, for local industry. Course Fee.
  3. Rationale for revision of course catalog listing:

Simplification of description as local industry includes architectural/construction firms.

**6. Revise course credit hours: NA**

**7.** **Revise grade type: NA**

**8. Proposed term for implementation:**

201530

**9. Dates of prior committee approvals:**

|  |  |
| --- | --- |
| Department of Architectural & Manufacturing Sciences | 12/05/2014 |
| Ogden College Curriculum Committee | 02/05/2015 |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: 11/18/2014

**Ogden College of Science and Engineering**

**Department of Psychological Sciences**

**Proposal to Make Multiple Revisions to a Course**

**(Action Item)**

Contact Person: Steven J. Haggbloom. [Steven.haggbloom@wku.edu](mailto:Steven.haggbloom@wku.edu), 270-745-4427

**1. Identification of course:**

* 1. Current course prefix (subject area) and number: PSYS 290
  2. Course title: Supervised Study in Psychology

**2. Revise course title:**

* 1. Current course title: Supervised Study in Psychology
  2. Proposed course title: Supervised Study in Psychological Sciences
  3. Proposed abbreviated title: Supervised Study in Psych Sci
  4. Rationale for revision of course title: To align the course title with the name of the Department and to distinguish the course for the Department of Psychology counterpart.

**3. Revise course number:**

* 1. Current course number:
  2. Proposed course number:
  3. Rationale for revision of course number:

**4. Revise course prerequisites/corequisites/special requirements:**

4.1 Current prerequisites/corequisites/special requirements:

4.2 Proposed prerequisites/corequisites/special requirements:

4.3 Rationale for revision of course prerequisites/corequisites/special requirements:

4.4 Effect on completion of major/minor sequence:

**5. Revise course catalog listing:**

* 1. Current course catalog listing: (1-3 hours) Prerequisite: PSYS 100 / PSY 100. Directed readings or research under faculty supervision. Students must make their own arrangements in advance for supervision by a faculty member. May be repeated for a total of up to six hours, with no more than three hours counted in the first 37 hours of a psychology major.
  2. Proposed course catalog listing: (1-3 hours) Prerequisite: PSYS 100 / PSY 100. Directed readings or research under faculty supervision. Students must make their own arrangements in advance for supervision by a faculty member. Does not count towards completion of the major in psychological science.
  3. Rationale for revision of course catalog listing: There are two reasons for changing the course catalog listing. First, we want to preclude the possibility of PSYS 290 and PSYS 490 (Independent study) fulfilling up to 6 of the 12 hours in a concentration within the major at the expense of traditional content courses. The second reason is to eliminate the equivalency between PSYS 290 and PSY 290. The primary reason for eliminating the equivalency is that it is customary and appropriate for an independent study experience that counts toward the major to be directed by faculty within the major department.

**6. Revise course credit hours:**

* 1. Current course credit hours:
  2. Proposed course credit hours:
  3. Rationale for revision of course credit hours:

**7.** **Revise grade type:**

7.1 Current grade type:

7.2 Proposed grade type:

7.3 Rationale for revision of grade type:

**8. Proposed term for implementation:** Fall 2015

**9. Dates of prior committee approvals:**

|  |  |
| --- | --- |
| Department of Psychological Sciences | December 5, 2014 |
| Ogden College Curriculum Committee | February 5, 2015 |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: 11/18/2014

**Ogden College of Science and Engineering**

**Department of Psychological Sciences**

**Proposal to Make Multiple Revisions to a Course**

**(Action Item)**

Contact Person: Steven J. Haggbloom. [Steven.haggbloom@wku.edu](mailto:Steven.haggbloom@wku.edu), 270-745-4427

**1. Identification of course:**

* 1. Current course prefix (subject area) and number: PSYS 331
  2. Course title: Psychology of Learning

**2. Revise course title:**

* 1. Current course title: Psychology of Learning
  2. Proposed course title: Principles of Human and Animal Learning
  3. Proposed abbreviated title: Human and Animal Learning
  4. Rationale for revision of course title: The proposed title better informs students that the course content includes topics related to both animal and human learning.

**3. Revise course number:**

* 1. Current course number:
  2. Proposed course number:
  3. Rationale for revision of course number:

**4. Revise course prerequisites/corequisites/special requirements:**

4.1 Current prerequisites/corequisites/special requirements: Prerequisites: PSYS 210 / PSY 210 and PSYS 211 / PSY 211 with a grade of "C" or better, and junior standing or permission of instructor.

4.2 Proposed prerequisites/corequisites/special requirements: Prerequisites: PSYS 210 / PSY 210 and PSYS 211 / PSY 211 with a grade of "C" or better, or permission of the instructor.

4.3 Rationale for revision of course prerequisites/corequisites/special requirements: This course was recently renumbered from a 400-level to a 300-level course. Some students complete the 210/211 course prerequisite during the second semester of their freshman year or first semester of their sophomore year and are in a position to enroll in PSYS 331 as a sophomore.

4.4 Effect on completion of major/minor sequence: Allowing qualified students to enroll in PSYS 331 before they achieve junior standing could facilitate timely degree completion.

**5. Revise course catalog listing:**

* 1. Current course catalog listing: PSYS 331 / PSY 331. PSYCHOLOGY OF LEARNING. (3 hours) Prerequisites: PSYS 210 / PSY 210 and PSYS 211 / PSY 211 with a grade of "C" or better, and junior standing or permission of instructor. Facts and principles of human and animal learning, especially as these have been treated in theories attempting to provide a general framework for understanding what learning is and how it takes place.
  2. Proposed course catalog listing: PSYS 331. PSYCHOLOGY OF LEARNING. (3 hours) Prerequisites: PSYS 210 / PSY 210 and PSYS 211 / PSY 211 with a grade of "C" or better. Overview of theory and research in human and animal learning emphasizing classical and instrumental conditioning, aversive conditioning, and comparative psychology.
  3. Rationale for revision of course catalog listing: There are two reasons forrevising the course catalog description. The principle reason is to more accurately capture in the description the historical content of this course. That content, referenced by the phrase “facts and principles of human and animal learning” in the current description, emphasizes theories and research related to instrumental (operant), classical (Pavlovian), and aversive conditioning. It also includes comparative psychology which involves an examination of similarities and differences between human and animal learning. A second reason for this revision is to remove the equivalency between PSYS 331 and PSY 331. The courses offered as PSY 331 and PSYS 331 are not equivalent. An examination of the syllabus for PSY 331offered by the Department of Psychology in fall 2014 shows that course did not include much of the content needed by students in the psychological sciences major.

**6. Revise course credit hours:**

* 1. Current course credit hours:
  2. Proposed course credit hours:
  3. Rationale for revision of course credit hours:

**7.** **Revise grade type:**

7.1 Current grade type:

7.2 Proposed grade type:

7.3 Rationale for revision of grade type:

**8. Proposed term for implementation:** Fall 2015

**9. Dates of prior committee approvals:**

|  |  |
| --- | --- |
| Department of Psychological Sciences | November 21, 2014 |
| Ogden College Curriculum Committee | February 5, 2015 |
| Undergraduate Curriculum Committee |  |
| University Senate |  |

Proposal Date: 11/18/2014

**Ogden College of Science and Engineering**

**Department of Psychological Sciences**

**Proposal to Make Multiple Revisions to a Course**

**(Action Item)**

Contact Person: Steven J. Haggbloom. [Steven.haggbloom@wku.edu](mailto:Steven.haggbloom@wku.edu), 270-745-4427

**1. Identification of course:**

* 1. Current course prefix (subject area) and number: PSYS 490
  2. Course title: Research, Readings or Special Projects in Psychology

**2. Revise course title:**

* 1. Current course title: Research, Readings or Special Projects in Psychology
  2. Proposed course title: Independent Study in Psychological Sciences
  3. Proposed abbreviated title: Independent Study
  4. Rationale for revision of course title: The revised course title better captures the independent learning experience characteristic of this course.

**3. Revise course number:**

* 1. Current course number:
  2. Proposed course number:
  3. Rationale for revision of course number:

**4. Revise course prerequisites/corequisites/special requirements:**

4.1 Current prerequisites/corequisites/special requirements:

4.2 Proposed prerequisites/corequisites/special requirements:

4.3 Rationale for revision of course prerequisites/corequisites/special requirements:

4.4 Effect on completion of major/minor sequence:

**5. Revise course catalog listing:**

* 1. Current course catalog listing: (1-3 hours) Prerequisites: PSYS 100 / PSY 100, junior standing, and permission of the faculty project supervisor. Advanced students will conduct research and / or readings or projects concerning issues in psychology under the direction of faculty members. The course may be repeated. Only three hours will count within the first 37 hours of an undergraduate psychology major.
  2. Proposed course catalog listing: (1-3 hours) Prerequisites: PSYS 100 / PSY 100, junior standing, and permission of the faculty project supervisor. Advanced students will conduct research and / or readings or projects concerning issues in psychology under the direction of faculty members. The course may be repeated. Only three credit hours will count toward completion of the psychological sciences major/minor.
  3. Rationale for revision of course catalog listing: The rationale for changing the course catalog description is to eliminate the equivalency between PSYS 490 and PSY 490. The primary reason for eliminating the equivalency is that it is customary and appropriate for an independent study experience that counts toward the major to be directed by faculty within the major department.

**6. Revise course credit hours:**

* 1. Current course credit hours:
  2. Proposed course credit hours:
  3. Rationale for revision of course credit hours:

**7.** **Revise grade type:**

7.1 Current grade type:

7.2 Proposed grade type:

7.3 Rationale for revision of grade type:

**8. Proposed term for implementation:** Fall 2015

**9. Dates of prior committee approvals:**

|  |  |
| --- | --- |
| Department of Psychological Sciences | November 21, 2014 |
| Ogden College Curriculum Committee | February 5, 2015 |
| Undergraduate Curriculum Committee |  |
| University Senate |  |