



Minutes of the Campus Curricula Committee Meeting

February 9, 2015

2:30 p.m., 110H Bertelsmeyer Hall

Attendees: Kaylon Buckner, Barry Flachsbarth (via phone), Kristy Giacomelli, Irina Ivliyeva, Gearoid MacSithigh, Steve Raper, Thomas Schuman, and Paul Worsey.

Bylaw Discussion

The following curriculum forms were discussed and approved:

Degree Change Forms:

File #9.5

Course Change Forms:

File #4171

File #4172

Experimental Course Forms:

File #4174

Experimental Course Forms:

File #745.1

The meeting adjourned at 3:00 p.m.

Thomas Schuman, Chair
Missouri S&T Campus Curricula Committee

Program Change Request

Date Submitted: 12/12/14 2:51 pm

Viewing: **BIO SC-MI : Biological Sciences Minor**

File: 9.5

Last approved: 08/01/14 11:01 am

Last edit: 01/15/15 1:13 pm

Changes proposed by: aronstam

Catalog Pages Using this Program	Biological Sciences
Start Term	Fall 2015 8/1/2014
Program Code	BIO SC-MI
Department	Biological Sciences
Title	Biological Sciences Minor

Program Requirements and Description

Biological Sciences Minor Curriculum

A student wishing to minor in biological sciences must take a minimum of 20 hours of biological sciences course ~~work. work, which should include BIO-SCI 1113, BIO-SCI 1219, BIO-SCI 1223, BIO-SCI 1229, BIO-SCI 2213 and at least seven hours of advanced BIO-SCI to be selected upon consultation with a Biology advisor.~~ **This course of study should include at least one laboratory or field course, at least two courses at the 3000 level or above, and be approved by a BioSci faculty advisor.**

Justification for request

The BioSci faculty no longer wishes to list Cell Biology, General Biology and Biodiversity as required courses. This will allow students interested in ecology to get a BioSci minor and will prevent biological engineering from having to take first year level courses after taking several required upper level bio courses.

Supporting Documents

Course Reviewer **kleb6b (12/12/14 3:06 pm):** Change effective term
 Comments **imorgan (01/15/15 1:13 pm):** "one laboratory or field course" edited to "at least one..."

In Workflow

1. **RBIOLSCI Chair**
2. **CCC Secretary**
3. **Sciences DSCC Chair**
4. **Pending CCC Agenda post**
5. CCC Meeting Agenda
6. Campus Curricula Committee Chair
7. FS Meeting Agenda
8. Faculty Senate Chair
9. Registrar
10. josephj
11. juliep
12. pantaleoa

Approval Path

1. 12/12/14 2:52 pm aronstam: Approved for RBIOLSCI Chair
2. 12/12/14 3:06 pm kleb6b: Approved for CCC Secretary
3. 01/15/15 1:13 pm imorgan: Approved for Sciences DSCC Chair

History

1. May 7, 2014 by lahne
2. Jun 13, 2014 by pantaleoa
3. Aug 1, 2014 by pantaleoa

Course Inventory Change Request

New Course Proposal

Date Submitted: 12/18/14 9:33 am

Viewing: **BIO SCI 2242 : Cave Biology**

File: 4171

Last edit: 01/15/15 1:09 pm

Changes proposed by: shannonk

Requested Summer 2015

Effective Change

Date

Department Biological Sciences

Discipline Biological Sciences (BIO SCI)

Course Number 2242

Title Cave Biology

Abbreviated Cave Biology

Course Title

Catalog

Description

In Cave Biology, we will study cave organisms and cave ecosystems. We will cover such topics as growth of speleothems, caves as a natural laboratory, behavior of cave animals, and regressive characteristics of cave species. We will investigate the relationship between Karst topography (caves, springs, sinkholes) and underground water contamination.

Prerequisites

Any Geology, Environmental Engineering, or Biological Sciences class except Bio Sci 1201.

Field Trip

Statement

This is a one week class meeting each day from 9-5. Trips will be arranged to local field sites, there is no cost.

Credit Hours LEC: 1 LAB: 1 IND: 0 RSD: 0

Total: 2

Required for No

Majors

Elective for Yes

In Workflow

1. **RBIOLSCI Chair**

2. **CCC Secretary**

3. **Sciences DSCC Chair**

4. **Pending CCC Agenda post**

5. CCC Meeting Agenda

6. Campus Curricula Committee Chair

7. FS Meeting Agenda

8. Faculty Senate Chair

9. Registrar

10. Ishelton

11. Peoplesoft

Approval Path

1. 12/18/14 9:45 am aronstam:

Approved for RBIOLSCI Chair

2. 12/18/14 10:05 am

kleb6b: Approved for CCC Secretary

3. 01/15/15 1:09 pm imorgan:

Approved for Sciences DSCC Chair

Majors

Justification for new course: This course has been taught twice as an experimental course 201

Semesters previously offered as an experimental course Summer 2014, 2013

Co-Listed Courses:

Course Reviewer Comments **imorgan (01/15/15 1:09 pm):** Description and Field Trip Statement edited based on DSCC discussion and with the approval of Prof. Shannon. Changed 2001 to 201 in justification.

Key: 4171

Course Inventory Change Request

New Course Proposal

Date Submitted: 12/18/14 11:15 am

Viewing: **BIO SCI 2252 : Vegetation of the Ozarks**

File: 4172

Last edit: 01/15/15 1:11 pm

Changes proposed by: shannonk

Requested	Summer 2015
Effective Change Date	
Department	Biological Sciences
Discipline	Biological Sciences (BIO SCI)
Course Number	2252
Title	Vegetation of the Ozarks
Abbreviated Course Title	Vegetation of the Ozarks

Catalog

Description

The Vegetation of the Ozarks class is an intense, outdoor educational experience focusing on the plants and plant communities of the Missouri Ozarks. The five day long course teaches participants to identify much of the flora of the region and provides practice and instruction in the use of dichotomous keys for plant identification.

Prerequisites

Bio Sci 1213 or Bio Sci 1113.

Field Trip

Statement

This is a one week class meeting each day from 9-5. Trips will be arranged to local field sites, there is no cost.

Credit Hours	LEC: 1	LAB: 1	IND: 0	RSD: 0
Total: 2				

Required for Majors No

Elective for Majors Yes

In Workflow

1. **RBIOLSCI Chair**
2. **CCC Secretary**
3. **Sciences DSCC Chair**
4. **Pending CCC Agenda post**
5. CCC Meeting Agenda
6. Campus Curricula Committee Chair
7. FS Meeting Agenda
8. Faculty Senate Chair
9. Registrar
10. Ishelton
11. Peoplesoft

Approval Path

1. 12/18/14 11:55 am
aronstam: Approved for RBIOLSCI Chair
2. 12/18/14 12:16 pm
kleb6b: Approved for CCC Secretary
3. 01/15/15 1:11 pm
imorgan: Approved for Sciences DSCC Chair

Justification for new course: Taught twice as an experimental course

Semesters previously offered as an experimental course: Summer 2014, 2012

Co-Listed Courses:

Course Reviewer Comments: **kleb6b (12/18/14 10:07 am):** Rollback: Enter description
imorgan (01/15/15 1:11 pm): Edited the Field Trip Statement based on DSCC discussion and with the approval of Prof. Shannon.

Key: 4172

Course Inventory Change Request

New Experimental Course Proposal

Date Submitted: 12/29/14 11:19 am

Viewing: **ART 3001.TBD : Innovation and Design Thinking**

File: 4174

Last edit: 02/10/15 7:54 am

Changes proposed by: denises

Requested Fall 2015

Effective Change

Date

Department Arts, Languages, & Philosophy

Discipline Art (ART)

Course Number 3001

Topic ID TBD

Experimental Innovation and Design Thinking
Title

Experimental Design Thinking
Abbreviated

Course Title

Instructors Laurie E. Myers

Experimental

Catalog

Description

Design Thinking is a human-centered approach to innovation. Students will investigate and uniquely address a variety of identified problems through group collaboration, creative problem-solving, and prototyping. This course will demonstrate a new perspective to life challenges and the possibility for invention.

Prerequisites

None

Field Trip

Statement

Credit Hours LEC: 0 LAB: 3 IND: 0 RSD: 0

Total: 3

In Workflow

1. RPHILOSO Chair
2. CCC Secretary
3. Arts & Humanities DSCC Chair
4. Pending CCC Agenda post
5. CCC Meeting Agenda
6. Campus Curricula Committee Chair
7. Registrar

Approval Path

1. 12/29/14 12:32 pm
lance: Approved for RPHILOSO Chair
2. 12/29/14 4:27 pm
kleb6b: Approved for CCC Secretary
3. 12/29/14 7:30 pm
ivliyeva: Approved for Arts & Humanities DSCC Chair
4. 01/20/15 11:53 am
kleb6b: Approved for Pending CCC Agenda post
5. 02/09/15 3:09 pm
kleb6b: Approved for CCC Meeting Agenda
6. 02/09/15 3:25 pm

Justification for
new course:

To provide the opportunity for students to learn to effectively collaborate and communicate to creatively solve problems through rapid prototyping and presentations. The end results may be two or three-dimensional works of art.

Semester(s)
previously taught

Co-Listed
Courses:

Course Reviewer
Comments

tschuman:
Approved for
Campus Curricula
Committee Chair

Key: 4174

Course Inventory Change Request

New Experimental Course Proposal

Date Submitted: 12/29/14 11:19 am

Viewing: **ART 3001.TBD : Innovation through Design Thinking**

File: 4174

Last edit: 12/29/14 11:19 am

Changes proposed by: denises

Requested Fall 2015

Effective Change

Date

Department Arts, Languages, & Philosophy

Discipline Art (ART)

Course Number 3001

Topic ID TBD

Experimental Innovation through Design Thinking
Title

Experimental Design Thinking
Abbreviated

Course Title

Instructors Laurie E. Myers

Experimental

Catalog

Description

Design Thinking is a human-centered approach to innovation. Students will investigate and uniquely address a variety of identified problems through group collaboration, creative problem-solving, and prototyping. This course will demonstrate a new perspective to life challenges and the possibility for invention.

Prerequisites None

Field Trip

Statement

Credit Hours LEC: 0 LAB: 3 IND: 0 RSD: 0 Total: 3

Justification for new course: To provide the opportunity for students to learn to effectively collaborate and communicate to creatively solve problems through rapid prototyping and presentations. The end results may be two or three-dimensional works of art.

In Workflow

1. RPHILOSO Chair
2. CCC Secretary
3. Arts & Humanities DSCC Chair
4. Pending CCC Agenda post
5. CCC Meeting Agenda
6. Campus Curricula Committee Chair
7. Registrar

Approval Path

1. 12/29/14 12:32 pm
lance: Approved for RPHILOSO Chair
2. 12/29/14 4:27 pm
kleb6b: Approved for CCC Secretary
3. 12/29/14 7:30 pm
ivliyeva: Approved for Arts & Humanities DSCC Chair

Semester(s)
previously taught

Co-Listed
Courses:

Course Reviewer
Comments

Key: 4174