

**Minutes of the Campus Curricula Committee Meeting****April 5, 2017****3:00 pm, 216 Parker Hall****(For Faculty Senate Meeting of April 20, 2017)**

**Attendees:** Petra Dewitt, Barry Flachsbart, Gearoid MacSithigh, Ilene Morgan, Steve Raper, Paul Worsey, and Lahne Black

The following curriculum forms were discussed and approved:

**Course Change Forms:**

File#: 4369      ART 3100: Advanced Art Studio  
File#: 1712.5    BIO SCI 2372: Issues in Public Health  
File#: 4406      BUS 5230: Financial Statement Analysis  
File#: 2456.1    CHEM 4630: Introduction to Bio-Nanotechnology  
File#: 398.1     CHEM 5630: Biochemical Nanotechnology  
File#: 1289.1    ECON 5330: Econometric Methods  
File#: 2400.9    EDUC 3222: Geometric Concepts for Elementary Teachers  
File#: 4407      IS&T 5520: Data Methodologies in Python  
File#: 4394      MECH ENG 6585: Advanced Optical Materials and Structures  
File#: 1786.4    PHILOS 4399: Topics in Philosophy  
File#: 2342.5    PSYCH 5010: Introduction to Industrial/Organizational Psychology

**Degree Change Forms:**

File#: 139.4     GS ECON-MI: Global Sustainable Economics Minor

**Experimental Course Forms:**

File#: 4396      AERO ENG 6001.002: Electric Space Propulsion  
File#: 4411      ALP 2001.001: The Global Village  
File#: 4374      CHEM ENG 5001.002: Applied Numerical Methods for CFD  
File#: 4393      COMP SCI 6001.002: Special Topics in Real-Time and Cyber-Physical Systems  
File#: 4395      MECH ENG 6001.003: Advanced Computational Thermofluid Mechanics  
File#: 4402      STAT 6001.003: Survival Analysis

The following form remains tabled pending the submission of a degree change form:

File#: 1974.1    MET ENG 1210: Chemistry of Materials

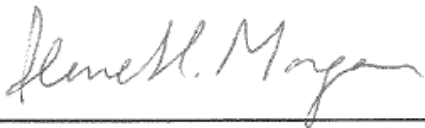
The following form was tabled pending the submission of a degree change form:

File#: 4401      ENGLISH 2411: Costa Rica in Text

The Campus Curricula Committee recommends that the Faculty Senate approve the following resolution:

"Consent of instructor" should only be listed as a prerequisite if there is a specific reason or need. If listed, it should be enforced. Students may request that course prerequisites be waived if warranted, but that is not the purpose of the "Consent of instructor" designation.

The meeting adjourned at 3:53 pm.



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Ilene H. Morgan, Chair  
Missouri S&T Campus Curricula Committee

## Course Inventory Change Request

### New Course Proposal

Date Submitted: 10/26/16 4:10 pm

Viewing: **ART 3100 : Advanced Art Studio**

File: 4369

Last edit: 04/07/17 12:56 pm

Changes proposed by: bartonch

Requested	Summer 2017
Effective Change Date	
Department	Arts, Languages, & Philosophy
Discipline	Art (ART)
Course Number	3100
Title	Advanced Art Studio
Abbreviated Course Title	Advanced Art Studio

Catalog Description: This course is for the advanced student in Sculpture, Painting or Drawing with similar topics in various chosen mediums.

Prerequisites: Art 1120, Art 1140, or Art 1164.

Field Trip Statement

Credit Hours: LEC: 1.5    LAB: 1.5    IND: 0    RSD: 0    Total: 3

Required for Majors: No

Elective for Majors: No

Justification for new course: The course combines the three courses that have been taught separately in the past to create one advanced course.

Semesters previously offered as an experimental course

Co-Listed Courses:

Course Reviewer Comments: **kristyg (11/14/16 1:54 pm)**: I am sending this through as an EC form. It was formerly a CC form which it cannot be.  
**kristyg (11/14/16 1:56 pm)**: Rollback: Mistakenly put this through.  
**kristyg (03/08/17 11:12 am)**: I changed the effective date to Summer 2017 from Spring 2017.  
**imorgan (04/06/17 11:04 am)**: The CCC judged that it was acceptable to approve this as a CC for a new permanent course, as the department originally had requested.

#### 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. **FS Meeting Agenda**
8. Faculty Senate Chair
9. Registrar
10. Ishelton
11. Peoplesoft

#### Approval Path

1. 11/14/16 1:54 pm  
Kristy Giacomelli (kristyg): Approved for RPHILOSO Chair
2. 11/14/16 1:56 pm  
Kristy Giacomelli (kristyg): Rollback to RPHILOSO Chair for CCC Secretary
3. 03/06/17 7:51 am  
Audra Merfeld-Langston (audram): Approved for RPHILOSO Chair
4. 03/08/17 11:12 am  
Kristy Giacomelli (kristyg): Approved for CCC Secretary
5. 03/09/17 1:12 pm  
Petra Dewitt (dewittp): Approved for Arts & Humanities DSCC Chair

lahne (04/07/17 12:56 pm): Rollback: rollback to correct workflow (because this is a new course not an experimental course)

Key: 4369

- 6. 03/14/17 10:23 am  
Kristy Giacomelli (kristyg):  
Approved for Pending CCC Agenda post
- 7. 04/06/17 10:07 am  
Lahne Black (lahne): Approved for CCC Meeting Agenda
- 8. 04/06/17 11:04 am  
Ilene Morgan (imorgan):  
Approved for Campus Curricula Committee Chair
- 9. 04/07/17 12:56 pm  
Lahne Black (lahne): Rollback to Campus Curricula Committee Chair for Registrar
- 10. 04/07/17 2:56 pm  
Ilene Morgan (imorgan):  
Approved for Campus Curricula Committee Chair

[Preview Bridge](#)

## Course Inventory Change Request

Date Submitted: 02/18/17 10:54 am

Viewing: **BIO SCI 2372 : Issues in Public Health**

File: 1712.5

Last approved: 05/01/14 4:14 am

Last edit: 02/27/17 10:21 am

Changes proposed by: huangy

<p>Programs referencing this course</p> <p><a href="#">COMP HEALTH-MI: Computational Health</a>  <a href="#">HUM ENG-MI: Humanitarian Engineering and Science Minor</a></p>	<p>In Workflow</p> <ol style="list-style-type: none"> <li>1. <b>RBIOLSCI Chair</b></li> <li>2. <b>CCC Secretary</b></li> <li>3. <b>Sciences DSCC Chair</b></li> <li>4. <b>Pending CCC Agenda post</b></li> <li>5. <b>CCC Meeting Agenda</b></li> <li>6. <b>Campus Curricula Committee Chair</b></li> <li>7. <b>FS Meeting Agenda</b></li> <li>8. Faculty Senate Chair</li> <li>9. Registrar</li> <li>10. Ishelton</li> <li>11. Peoplesoft</li> </ol>
<p>Requested Effective Change Date</p> <p>Requested: Fall <del>2017</del> <b>2014</b></p> <p>Department: Biological Sciences</p> <p>Discipline: Biological Sciences (BIO SCI)</p> <p>Course Number: 2372</p> <p>Title: Issues in Public Health</p> <p>Abbreviated Course Title: Issues in Public Health</p>	<p>Approval Path</p> <ol style="list-style-type: none"> <li>1. 02/24/17 10:34 pm David Westenberg (djwesten): Approved for RBIOLSCI Chair</li> <li>2. 02/27/17 10:06 am Kristy Giacomelli (kristyg): Approved for CCC Secretary</li> <li>3. 03/07/17 11:24 am Ilene Morgan (imorgan): Approved for Sciences DSCC Chair</li> <li>4. 03/14/17 9:57 am Kristy Giacomelli (kristyg): Approved for Pending CCC Agenda post</li> <li>5. 04/05/17 4:11 pm Lahne Black (lahne): Approved</li> </ol>
<p>Catalog Description</p> <p>Issues in Public Health investigates chronic and infectious diseases and the impact of globalization on such diseases, environmental toxins, and controversies in public health. Students will develop an awareness of current public health issues and trends in order to make informed arguments and personal choices.</p> <p>Prerequisites: Bio Sci 1113 or Bio Sci 1213.</p> <p>Field Trip Statement</p> <p>Credit Hours: LEC: <del>3</del> <b>2</b>    LAB: 0    IND: 0    RSD: 0    Total: <del>3</del> <b>2</b></p> <p>Required for Majors: No</p> <p>Elective for Majors: Yes</p>	
<p>Justification for change:</p> <p>There are numerous topics related to public health. Students have been wanting to learn more contemporary issues in public health. Therefore, more course contents will be added, and the total credit hour of the course shall increase from 2 to 3 credit hours.</p> <p>Semesters previously offered as an experimental course</p> <p>Co-Listed Courses:</p>	
<p><b>imorgan (02/27/17 10:21 am):</b> Changed effective date to Fall 2017.</p>	

Course Reviewer  
Comments

Key: 1712

for CCC Meeting  
Agenda  
6. 04/06/17 10:53  
am  
Ilene Morgan  
(imorgan):  
Approved for  
Campus Curricula  
Committee Chair

#### History

1. May 1, 2014 by  
shannonk  
(1712.1)

[Preview Bridge](#)

## Course Inventory Change Request

### New Course Proposal

Date Submitted: 03/08/17 3:42 pm

Viewing: **BUS 5230 : Financial Statement Analysis**

File: 4406

Last edit: 04/05/17 4:12 pm

Changes proposed by: barryf

Requested	Fall 2017
Effective Change Date	
Department	Business and Information Technology
Discipline	Business (BUS)
Course Number	5230
Title	Financial Statement Analysis
Abbreviated Course Title	Financial Stmt Analysis

**Catalog Description**  
 Analysis and interpretation of financial statements for profitability analysis, credit analysis, and other business analyses that rely on financial data. Introduces emerging roles of accounting analytics. Illustrates data analytics concepts and techniques to detect earning management, predict fraud, and to provide insights into other business strategies.

**Prerequisites**  
 FINANCE 2150 or Graduate Standing.

**Field Trip Statement**

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

**Required for Majors**  
 No

**Elective for Majors**  
 Yes

**Justification for new course:**  
 Taught F15 and F16 as BUS 5001.

**Semesters previously offered as an experimental course**  
 F15 (13) & F16 (7)

**Co-Listed Courses:**

**Course Reviewer Comments**

**In Workflow**

1. **RBUSADMN Chair**
2. **CCC Secretary**
3. **Social 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. 03/08/17 3:45 pm  
 siauk: Approved for RBUSADMN Chair
2. 03/08/17 3:45 pm  
 Kristy Giacomelli (kristyg): Approved for CCC Secretary
3. 03/08/17 5:07 pm  
 Barry Flachsbart (barryf): Approved for Social Sciences DSCC Chair
4. 03/14/17 10:00 am  
 Kristy Giacomelli (kristyg): Approved for Pending CCC Agenda post
5. 04/05/17 4:12 pm  
 Lahne Black (lahne): Approved for CCC Meeting Agenda
6. 04/06/17 10:54 am

Key: 4406

Ilene Morgan  
(imorgan):  
Approved for  
Campus Curricula  
Committee Chair

[Preview Bridge](#)



## Course Inventory Change Request

Date Submitted: 02/14/17 3:22 pm

Viewing: **CHEM 4630 : Introduction to Bio-Nanotechnology Industrial Biochemistry**

File: 2456.1

Last edit: 04/05/17 4:15 pm

Changes proposed by: wangri

Requested	Fall <del>2017</del> <b>2014</b>
Effective Change Date	
Department	Chemistry
Discipline	Chemistry (CHEM)
Course Number	4630
Title	<b>Introduction to Bio-Nanotechnology Industrial Biochemistry</b>
Abbreviated Course Title	<b>Intro Bio-Nanotech Industrial Biochemistry</b>

In Workflow

- RCHEMIST Chair**
- CCC Secretary**
- Sciences DSCC Chair**
- Pending CCC Agenda post**
- CCC Meeting Agenda**
- Campus Curricula Committee Chair**
- FS Meeting Agenda**
- Faculty Senate Chair
- Registrar
- Ishelton
- Peoplesoft

Catalog Description	<b>This course will educate on <del>A study of</del> the interdisciplinary areas of bio-nanotechnology. <del>problems involved in the utilization of biological systems for the production of bulk chemicals, the preparation of biologicals and the treatment of waste from plants producing biologicals and foodstuffs.</del> Goal is for students to understand how biomacromolecules such as nucleic acids, proteins, and lipids self-assemble to form the functional units of an intact cell. Emphasis will be on current application in DNA/protein nanotechnology, drug delivery and environmental biosensors.</b>				
Prerequisites	<b>At least junior standing. <del>Junior standing.</del></b>				
Field Trip Statement					
Credit Hours	LEC: 3	LAB: 0	IND: 0	RSD: 0	Total: 3
Required for Majors	No				
Elective for Majors	<b>Yes <del>No</del></b>				

Approval Path

- 02/15/17 10:42 pm  
woelk (woelkk):  
Approved for RCHEMIST Chair
- 02/21/17 3:12 pm  
Kristy Giacomelli (kristyg):  
Approved for CCC Secretary
- 03/07/17 11:25 am  
Ilene Morgan (imorgan):  
Approved for Sciences DSCC Chair
- 03/14/17 10:02 am  
Kristy Giacomelli (kristyg):  
Approved for Pending CCC Agenda post
- 04/05/17 4:15 pm  
Lahne Black (lahne): Approved for CCC Meeting Agenda

Justification for change: Update course title and content to reflect current developments in biotechnology and biochemical industry in the areas of nanotechnology and environment.

Semesters previously offered as an experimental course

Co-Listed Courses:

Course Reviewer Comments	<b>woelkk (02/03/17 3:28 pm):</b> Please see changes and resubmit if you agree. <b>woelkk (02/03/17 3:29 pm):</b> Rollback: please review changes and resubmit if you agree
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**imorgan (02/14/17 3:19 pm):** Rollback: to make more of a distinction between 4630 and 5630.

**imorgan (02/27/17 10:23 am):** Marked elective for majors.

**imorgan (03/07/17 11:25 am):** Based on previous CCC discussions, changed "junior standing" to "at least junior standing".

6. 04/06/17 10:54

am

Ilene Morgan

(imorgan):

Approved for

Campus Curricula

Committee Chair

Key: 2456

[Preview Bridge](#)

## Course Inventory Change Request

Date Submitted: 02/14/17 3:41 pm

Viewing: **CHEM 5630 : Biochemical Nanotechnology Processing**

File: 398.1

Last edit: 03/07/17 11:26 am

Changes proposed by: wangri

Requested	Fall <del>2017</del> <b>2014</b>
Effective Change Date	
Department	Chemistry
Discipline	Chemistry (CHEM)
Course Number	5630
Title	Biochemical <b>Nanotechnology Processing</b>
Abbreviated Course Title	<b>Bio-Nanotechnology</b> <del>Biochemical Processing</del>

Catalog Description	<b>This course will educate on <del>A study of</del> the interdisciplinary areas of bio-nanotechnology. <del>problems involved in the utilization of biological systems for the production of bulk chemicals, the preparation of biologicals and the treatment of waste from plants producing biologicals and foodstuffs.</del> Student will investigate the potential of nanoscience in advanced applications including DNA/protein nanotechnology, drug delivery, environmental biosensor and emerging biotechnology industries.</b> Credit may not be given for both Chem 5630 and Chem 4630.
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Prerequisites	<b>At least junior standing.</b> <del>Junior standing.</del>
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Field Trip Statement	
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Credit Hours	LEC: 3	LAB: 0	IND: 0	RSD: 0	Total: 3
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Required for Majors	No
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Elective for Majors	<b>Yes</b> <del>No</del>
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Justification for change:	Update course title and content to reflect current developments in biotechnology and biochemical industry on the areas of nanotechnology and environment.
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Semesters previously offered as an experimental course	
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Co-Listed Courses:	
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Course Reviewer Comments	<b>woelkk (02/03/17 3:44 pm):</b> Rollback: No two courses can have the same title. Please review my edits and resubmit if you agree. <b>imorgan (02/14/17 3:20 pm):</b> Rollback: to make more of a distinction between 4630 and 5630. <b>imorgan (02/27/17 10:26 am):</b> Marked elective for majors.
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In Workflow

- RCHEMIST Chair**
- CCC Secretary**
- Sciences DSCC Chair**
- Pending CCC Agenda post**
- CCC Meeting Agenda**
- Campus Curricula Committee Chair**
- FS Meeting Agenda**
- Faculty Senate Chair
- Registrar
- Ishelton
- Peoplesoft

Approval Path

- 02/15/17 10:44 pm  
woelk (woelkk):  
Approved for RCHEMIST Chair
- 02/21/17 3:12 pm  
Kristy Giacomelli (kristyg):  
Approved for CCC Secretary
- 03/07/17 11:26 am  
Ilene Morgan (imorgan):  
Approved for Sciences DSCC Chair
- 03/14/17 10:03 am  
Kristy Giacomelli (kristyg):  
Approved for Pending CCC Agenda post
- 04/05/17 4:13 pm  
Lahne Black (lahne): Approved for CCC Meeting Agenda

**imorgan (03/07/17 11:26 am):** Based on recent CCC discussions, changed "junior standing" to "at least junior standing".

6. 04/06/17 10:55  
am

Key: 398

Ilene Morgan  
(imorgan):  
Approved for  
Campus Curricula  
Committee Chair

[Preview Bridge](#)

## Course Inventory Change Request

Date Submitted: 02/22/17 5:40 pm

Viewing: **ECON 5330 4330: Econometric Methods Econometrics**

File: 1289.1

Last edit: 04/05/17 4:19 pm

Changes proposed by: marcy5

Requested Fall ~~2017~~ **2014**  
 Effective Change Date  
 Department Economics  
 Discipline Economics (ECON)  
 Course Number **5330 4330**  
 Title **Econometric Methods Econometrics**  
 Abbreviated **Econometric Methods**  
 Course Title **Econometrics**

Catalog Description **A survey of econometric topics and methods illustrated through real world applications. Includes ~~Applied statistical analysis of economic phenomena, including identification,~~ least squares estimation, generalized least squares, two-stage least squares, simultaneous equations models, panel data ~~bias,~~ and qualitative choice models. ~~autocorrelation with emphasis on recent estimation procedures.~~ Students will use modern statistical software packages (STATA, R) to perform hands-on quantitative analysis.**

Prerequisites **Econ 2100 and Econ 2200, Stat 3111 or Stat 3113 or Stat 3115 or Stat 3117 or Stat 5643. ~~1115 & 1116, Econ 2100 and 2200.~~**

Field Trip Statement

Credit Hours LEC: ~~2~~ **3** LAB: ~~1~~ **0** IND: 0 RSD: 0 Total: 3

Required for Majors No

Elective for Majors **Yes ~~No~~**

Justification for change: This is an advanced quantitative methods course for students interested in developing research skills in economics. The catalog number, title and description are being revised to accurately reflect the level, updated content, and use of current software. Although this course has not been taught in recent years, it is being reintroduced into the economics curriculum and will be offered once a year during the spring semester.

Semesters previously offered as an experimental course **Has not been taught in recent years.**

Co-Listed Courses:

In Workflow

1. **RECONOMI Chair**
2. **CCC Secretary**
3. **Social 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. 02/23/17 10:03 am  
Gregory Gelles (gelles):  
Approved for RECONOMI Chair
2. 02/27/17 10:06 am  
Kristy Giacomelli (kristyg):  
Approved for CCC Secretary
3. 03/01/17 1:54 pm  
Barry Flachsbart (barryf):  
Approved for Social Sciences DSCC Chair
4. 03/14/17 10:12 am  
Kristy Giacomelli (kristyg):  
Approved for Pending CCC Agenda post
5. 04/05/17 4:19 pm  
Lahne Black (lahne): Approved for CCC Meeting Agenda

Course Reviewer  
Comments

6. 04/06/17 10:55  
am

Key: 1289

Ilene Morgan  
(imorgan):  
Approved for  
Campus Curricula  
Committee Chair

[Preview Bridge](#)

## Course Inventory Change Request

Date Submitted: 02/13/17 10:31 am

Viewing: **EDUC 3222 ~~2222~~: Geometric Concepts for Elementary Teachers**

File: 2400.9

Last approved: 12/14/16 3:14 am

Last edit: 02/13/17 10:31 am

Changes proposed by: fulliamm

Requested	<b>Fall 2017</b> <del>Spring 2016</del>
Effective Change Date	
Department	Arts, Languages, & Philosophy
Discipline	Education (EDUC)
Course Number	<b>3222</b> <del>2222</del>
Title	Geometric Concepts for Elementary Teachers
Abbreviated Course Title	Geom Concepts Elem Tch

**Catalog Description**  
The course covers methods of teaching the study of points, lines, polygons, similarity, congruence, constructions, and proof in Euclidean Plane Geometry. Transformational geometry and trigonometry are introduced to elementary teachers.

**Prerequisites**  
Math 1120 or Math 1140.

**Field Trip Statement**

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

**Required for Majors**  
No

**Elective for Majors**  
No

**Justification for change:**  
Due to changes with DESE certification requirements, we need to change this to a 3000 level course, from EDUC 2222 to EDUC 3222.

**Semesters previously offered as an experimental course**

**Co-Listed Courses:**  
MATH 3922 - Geometric Concepts for Elementary Teachers

**Course Reviewer Comments**

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. **FS Meeting Agenda**
8. Faculty Senate Chair
9. Registrar
10. Ishelton
11. Peoplesoft

Approval Path

1. 03/06/17 7:50 am  
Audra Merfeld-Langston (audram):  
Approved for RPHILOSO Chair
2. 03/08/17 11:12 am  
Kristy Giacomelli (kristyg):  
Approved for CCC Secretary
3. 03/09/17 1:12 pm  
Petra Dewitt (dewittp):  
Approved for Arts & Humanities DSCC Chair
4. 03/14/17 10:13 am  
Kristy Giacomelli (kristyg):  
Approved for Pending CCC Agenda post
5. 04/05/17 4:24 pm  
Lahne Black (lahne): Approved

Key: 2400

for CCC Meeting  
Agenda  
6. 04/06/17 10:56  
am  
Ilene Morgan  
(imorgan):  
Approved for  
Campus Curricula  
Committee Chair

#### History

1. Dec 14, 2016 by  
welchms (2400.1)

[Preview Bridge](#)



## Course Inventory Change Request

## New Course Proposal

Date Submitted: 03/08/17 3:23 pm

Viewing: **IS&T 5520 : Data Methodologies in Python**

File: 4407

Last edit: 03/08/17 3:23 pm

Changes proposed by: barryf

Programs referencing this course	<a href="#">ANA&amp;DTA-MI: Business Analytics and Data Science Minor</a>	In Workflow <ol style="list-style-type: none"> <li>1. RINFSCTE Chair</li> <li>2. CCC Secretary</li> <li>3. Social Sciences DSCC Chair</li> <li>4. Pending CCC Agenda post</li> <li>5. CCC Meeting Agenda</li> <li>6. Campus Curricula Committee Chair</li> <li>7. FS Meeting Agenda</li> <li>8. Faculty Senate Chair</li> <li>9. Registrar</li> <li>10. Ishelton</li> <li>11. Peoplesoft</li> </ol>
Requested Effective Change Date	Fall 2017	
Department	Business and Information Technology	
Discipline	Info Science & Technology (IS&T)	
Course Number	5520	
Title	Data Methodologies in Python	
Abbreviated Course Title	Data Methods in Python	Approval Path <ol style="list-style-type: none"> <li>1. 03/08/17 3:44 pm siauk: Approved for RINFSCTE Chair</li> <li>2. 03/08/17 3:45 pm Kristy Giacomelli (kristyg): Approved for CCC Secretary</li> <li>3. 03/08/17 5:07 pm Barry Flachsbart (barryf): Approved for Social Sciences DSCC Chair</li> <li>4. 03/14/17 10:14 am Kristy Giacomelli (kristyg): Approved for Pending CCC Agenda post</li> <li>5. 04/06/17 9:42 am Lahne Black (lahne): Approved for CCC Meeting Agenda</li> <li>6. 04/06/17 10:56 am Ilene Morgan</li> </ol>
Catalog Description	Python methodologies for manipulating, processing, cleaning, grouping, slicing, reshaping and summarizing information in data-intensive applications; managing files, scraping web pages, mining social media; describing, modeling, analyzing, and visualizing data. Tools include pandas, NumPy, SciPy, and Matplotlib libraries.	
Prerequisites	One of Stat 3111, Stat 3113, Stat 3115, Stat 3117 and either IS&T 1552 or Comp Sci 1510; for Graduate Students: Graduate Standing and Knowledge of Calculus, Statistics, and Programming.	
Field Trip Statement		
Credit Hours	LEC: 3      LAB: 0      IND: 0      RSD: 0      Total: 3	
Required for Majors	No	
Elective for Majors	Yes	
Justification for new course:	Taught in Sp 16 & Sp17	
Semesters previously offered as an experimental course	Sp16 & Sp17	
Co-Listed Courses:		

Course Reviewer  
Comments

Key: 4407

(imorgan):  
Approved for  
Campus Curricula  
Committee Chair

[Preview Bridge](#)

## Course Inventory Change Request

### New Course Proposal

Date Submitted: 02/07/17 2:47 pm

Viewing: **MECH ENG 6585 : Advanced Optical Materials and Structures**

File: 4394

Last edit: 02/22/17 11:32 am

Changes proposed by: nisbett

Requested	Fall 2017
Effective Change Date	
Department	Mechanical & Aerospace Engineering
Discipline	Mechanical Engineering (MECH ENG)
Course Number	6585
Title	Advanced Optical Materials and Structures
Abbreviated Course Title	Adv Optical Materials

Catalog Description	Fundamental principles and advanced topics in optical materials and structures covering areas of photonics, plasmonics and metamaterials, and nanofabrication techniques.				
Prerequisites	Elec Eng 5200 or equivalent.				
Field Trip Statement					
Credit Hours	LEC: 3	LAB: 0	IND: 0	RSD: 0	Total: 3
Required for Majors	No				
Elective for Majors	Yes				

Justification for new course:	This course has been taught twice. It is an important area of research that encompasses Mechanical Engineering, as well as interdisciplinary interests.				
Semesters previously offered as an experimental course	Fall 2015 (9 enrolled students), Fall 2016 (8 enrolled students)				
Co-Listed Courses:					

Course Reviewer Comments

- In Workflow
1. RMECHENG Chair
  2. CCC Secretary
  3. Engineering 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. 02/07/17 2:56 pm James Drallmeier (drallmei): Approved for RMECHENG Chair
  2. 02/09/17 11:18 am Lahne Black (lahne): Approved for CCC Secretary
  3. 02/22/17 11:32 am sraper: Approved for Engineering DSCC Chair
  4. 03/14/17 10:15 am Kristy Giacomelli (kristyg): Approved for Pending CCC Agenda post
  5. 04/06/17 9:43 am Lahne Black (lahne): Approved for CCC Meeting Agenda
  6. 04/06/17 10:57 am Ilene Morgan

Key: 4394

(imorgan):  
Approved for  
Campus Curricula  
Committee Chair

[Preview Bridge](#)

## Course Inventory Change Request

Date Submitted: 03/05/17 9:21 pm

Viewing: **PHILOS 4399 : Topics in Philosophy**

File: 1786.4

Last approved: 05/24/16 4:57 am

Last edit: 04/06/17 9:43 am

Changes proposed by: dittmerj

Requested	Fall <del>2017</del> <del>2016</del>
Effective Change Date	
Department	Arts, Languages, & Philosophy
Discipline	Philosophy (PHILOS)
Course Number	4399
Title	Topics in Philosophy
Abbreviated Course Title	Topics in Philosophy

Catalog Description: **This communication** ~~An~~-intensive course **is** designed for students with a special interest in philosophy. The content of the course may vary and the course may be repeated for additional credit.

Prerequisites: Any ~~1000-level or higher~~ Philosophy course.

Field Trip Statement

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

Required for Majors: No

Elective for Majors: Yes

Justification for change: A change has been made to make this a Communication Intensive course. The philosophy program needs a Communication Intensive course. The current Communication Intensive course, Philosophy of Religion, is not offered by any of our instructors, and has not been offered for at least 6 years.

This course, Phil 4399, is regularly offered, and requires a considerable amount of writing, discussion, and sometimes student presentations.

Semesters previously offered as an experimental course

Co-Listed Courses:

Course Reviewer Comments

### In Workflow

1. RPHILOS Chair
2. CCC Secretary
3. Arts & Humanities 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. 03/06/17 7:49 am  
Audra Merfeld-Langston (audram):  
Approved for RPHILOS Chair
2. 03/08/17 11:13 am  
Kristy Giacomelli (kristyg):  
Approved for CCC Secretary
3. 03/09/17 1:13 pm  
Petra Dewitt (dewittp):  
Approved for Arts & Humanities DSCC Chair
4. 03/14/17 10:15 am  
Kristy Giacomelli (kristyg):  
Approved for Pending CCC Agenda post
5. 04/06/17 9:43 am  
Lahne Black (lahne): Approved

Key: 1786

for CCC Meeting  
Agenda  
6. 04/06/17 10:57  
am  
Ilene Morgan  
(imorgan):  
Approved for  
Campus Curricula  
Committee Chair

#### History

1. May 24, 2016 by  
denises (1786.1)

[Preview Bridge](#)

## Course Inventory Change Request

Date Submitted: 02/27/17 1:37 pm

Viewing: **PSYCH 5010 : Introduction to ~~Seminar in~~ Industrial / Organizational Psychology**



File: 2342.5

Last approved: 01/13/17 3:14 am

Last edit: 04/06/17 9:44 am

Changes proposed by: weidern

Programs referencing this course	<a href="#">INORGPS-MS: Industrial Organizational Psychology MS</a>
Other Courses referencing this course	In The Prerequisites: <a href="#">PSYCH 6602 : Job Attitudes, Emotions, and Discretionary Behaviors</a> <a href="#">PSYCH 6610 : Leadership, Motivation, and Culture</a>
Requested Effective Change Date	Fall 2017
Department	Psychological Science
Discipline	Psychology (PSYCH)
Course Number	5010
Title	<b>Introduction to <del>Seminar in</del> Industrial / Organizational Psychology</b>
Abbreviated Course Title	<b>Intro <del>Seminar</del>/O Psychology</b>

Catalog Description	Review of the most recent theoretical and applied research in advanced personnel and organizational psychology. Topics will include personnel selection, training and performance appraisal, job attitudes, motivation, work groups and teams, leadership, organizational culture, and organizational development.
Prerequisites	Graduate standing.
Field Trip Statement	
Credit Hours	LEC: <b>3</b>  LAB: 0 IND: 0 RSD: <b>0</b>  Total: 3
Required for Majors	Yes
Elective for Majors	No

Justification for change:	As part of the revisions to the Applied Workplace Psychology Graduate Certificate, it was recommended that we change this course from a seminar to a lecture. We would like to change the name from "Seminar in" to "Introduction to" which better captures the nature of the course.
Semesters previously offered as an	

- In Workflow
1. **RPSYCHOL Chair**
  2. **CCC Secretary**
  3. **Social 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. 02/27/17 3:26 pm murray: Approved for RPSYCHOL Chair
  2. 02/27/17 3:28 pm Kristy Giacomelli (kristyg): Approved for CCC Secretary
  3. 03/01/17 1:53 pm Barry Flachsbart (barrfy): Approved for Social Sciences DSCC Chair
  4. 03/14/17 10:16 am Kristy Giacomelli (kristyg): Approved for Pending CCC Agenda post
  5. 04/06/17 9:44 am Lahne Black (lahne): Approved for CCC Meeting Agenda
  6. 04/06/17 10:58 am Ilene Morgan

experimental  
course  
Co-Listed  
Courses:

(imorgan):  
Approved for  
Campus Curricula  
Committee Chair

Course Reviewer  
Comments

History

1. Jan 13, 2017 by  
weidnern  
(2342.1)

Key: 2342

[Preview Bridge](#)



**Program Change Request**

Date Submitted: 02/15/17 2:08 pm

Viewing: **GS ECON-MI : Global Sustainable Economics Minor**

File: 139.4

Last approved: 08/15/14 10:39 am

Last edit: 04/06/17 9:46 am

Changes proposed by: marcys

**In Workflow**

1. RECONOMI Chair
2. CCC Secretary
3. Social 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. kristyg

Catalog Pages [Economics](#)  
Using this Program

Start Term Fall ~~2017~~ 2014  
Program Code GS ECON-MI  
Department Economics  
Title Global Sustainable Economics Minor

**Approval Path**

1. 02/15/17 2:57 pm Gregory Gelles (gelles): Approved for RECONOMI Chair
2. 02/21/17 3:12 pm Kristy Giacomelli (kristyg): Approved for CCC Secretary
3. 03/01/17 1:57 pm Barry Flachsbart (barryf): Approved for Social Sciences DSCC Chair
4. 03/14/17 10:18 am Kristy Giacomelli (kristyg): Approved for Pending CCC Agenda post
5. 04/06/17 9:47 am Lahne Black (lahne): Approved for CCC Meeting Agenda
6. 04/06/17 10:58 am Ilene Morgan (imorgan): Approved for Campus Curricula Committee Chair

**Program Requirements and Description**

**Global Sustainable Economics Minor**

(15 hours)

**History**

1. May 7, 2014 by Lahne Black (lahne)
2. May 7, 2014 by Lahne Black (lahne)
3. Aug 15, 2014 by pantaleoa

Required courses:			
<a href="#">ECON 1100</a> & <a href="#">ECON 2100</a>	Principles Of Microeconomics and Intermediate Microeconomic Theory		6
or <a href="#">ECON 1200</a> & <a href="#">ECON 2200</a>	Principles Of Macroeconomics and Intermediate Macroeconomic Theory		
<a href="#">ECON 4641</a>	Foundations of Sustainability		3
And 6 hours from:			
<a href="#">ECON 3512</a> / <a href="#">MIN ENG 3512</a>	Mining Industry Economics		3
<a href="#">ECON 4440</a>	Environmental And Natural Resource Economics		3
<a href="#">ECON 4642</a>	Introduction to Global Eco- and Social-preneurship and Innovation		3
<a href="#">ECON 4643</a>	<b>Ethical Problems in a Global Environment</b>		<b>3</b>
<a href="#">ECON 4730</a>	Economic Development		3

<a href="#">ECON 4540</a>	Energy Economics	3
<a href="#">ENV ENG 5640</a>	Environmental Law And Regulations	3
<a href="#">ENV ENG 5642</a>	Sustainability, Population, Energy, Water, and Materials	3
<del><a href="#">HISTORY 3470</a></del>	<del>Course HISTORY 3470 Not Found</del>	<del>3</del>
<a href="#">PSYCH 4730</a>	Environmental Psychology	3
<a href="#">HISTORY 4470</a>	American Environmental History	3

Justification for request  
 History changed the course number of Hist 3470 to 4470. Also, when the Global minor was created, course number Econ 4643 should have been one of the courses included on the original document and somehow was inadvertently left off. We are correcting both these issues with this submission.

Supporting Documents

Course Reviewer Comments  
**barryf (02/21/17 6:01 pm)**: History course number change had not been fixed. Fixed it now.  
**lahne (04/06/17 9:46 am)**: edited program information to remove editorial comment

Key: 139  
[Preview Bridge](#)

## Course Inventory Change Request

### New Experimental Course Proposal

Date Submitted: 02/08/17 5:02 pm

Viewing: **AERO ENG 6001.002 : Electric Space Propulsion**

File: 4396

Last edit: 04/06/17 9:48 am

Changes proposed by: nisbett

Requested	Fall 2017
Effective Change Date	
Department	Mechanical & Aerospace Engineering
Discipline	Aerospace Engineering (AERO ENG)
Course Number	6001
Topic ID	002
Experimental Title	Electric Space Propulsion
Experimental Abbreviated Course Title	Electric Space Propul
Instructors	Dr. Josh Rovey

Experimental Catalog Description	Introduction to electric space propulsion, including electricity and magnetism, atomic physics, physics of ionized gases, plasmadynamics, non-equilibrium flows and electrothermal, electromagnetic and electrostatic acceleration of gases to high velocity, including resistojet, arcjet, ion engine, Hall thruster, MPD arc thruster, and electropray propulsion.
Prerequisites	One of: Aero Eng 5131, Mech Eng 5131, Aero Eng 5535, Mech Eng 5535, Aero Eng 5570, Mech Eng 5570, Nuc Eng 5570, Phys 5570, Aero Eng 6137, Mech Eng 6137.
Field Trip Statement	
Credit Hours	LEC: 3      LAB: 0      IND: 0      RSD: 0      Total: 3

Justification for new course:	This is an important area of research and development in space propulsion.  Create co-list: Mech Eng 6001
Semester(s) previously taught	None.  This course should also be colisted as Mech Eng 6001.
Co-Listed Courses:	

Course Reviewer  
Comments

In Workflow

1. RMECHENG Chair
2. CCC Secretary
3. Engineering DSCC Chair
4. Pending CCC Agenda post
5. CCC Meeting Agenda
6. Campus Curricula Committee Chair
7. Registrar

Approval Path

1. 02/09/17 7:14 am  
James Drallmeier (drallmei):  
Approved for RMECHENG Chair
2. 02/09/17 11:03 am  
Lahne Black  
(lahne): Approved for CCC Secretary
3. 02/22/17 11:25 am  
srafer: Approved for Engineering DSCC Chair
4. 03/14/17 10:18 am  
Kristy Giacomelli (kristyg):  
Approved for Pending CCC Agenda post
5. 04/06/17 9:48 am  
Lahne Black  
(lahne): Approved for CCC Meeting Agenda
6. 04/06/17 11:01 am  
Ilene Morgan (imorgan):  
Approved for Campus Curricula Committee Chair

Key: 4396

[Preview Bridge](#)

## Course Inventory Change Request

**New Experimental Course Proposal**

Date Submitted: 03/09/17 9:18 am

Viewing: **ALP 2001.001 : The Global Village**

File: 4411

Last edit: 04/06/17 9:49 am

Changes proposed by: audram

Requested	Fall 2017
Effective Change Date	
Department	Arts, Languages, & Philosophy
Discipline	Arts, Languages & Philosophy (ALP)
Course Number	2001
Topic ID	001
Experimental Title	The Global Village
Experimental Abbreviated Course Title	The Global Village
Instructors	Audra Merfeld-Langston
Experimental Catalog Description	Via coursework and travel abroad, this course will introduce students to the concept of global citizenship. Course goals include improving intercultural communication, critical thinking, and entrepreneurial skills, and preparing to be competent in the global workforce. The specific course focus will vary according to the study abroad travel destination.
Prerequisites	Consent of instructor.
Field Trip Statement	This course will require participation in a study abroad component, currently scheduled to take place during winter break to Martinique for approximately 16 days. Cost of the trip will be approximately \$4000.
Credit Hours	LEC: 3      LAB: 0      IND: 0      RSD: 0      Total: 3
Justification for new course:	<p>This course will provide experiential learning opportunities for students via faculty-led study abroad, provide practical activities related to several Residential Life Living Learning Communities (the Global Awareness LLC and the Entrepreneurship LLC) and students studying French, and contribute to the university's goal of doubling the number of students studying abroad by 2020 as part of the Generation Study Abroad initiative. The course will count towards the French minor, and the instructor will propose to the Global Studies minor committee that this course to count towards the Global Studies minor; at a minimum, it will fulfill the experience abroad requirement for the Global Studies minor.</p> <p>The course ties in with S&amp;T's strategic plan, including themes 1.1, 1.2, 1.4, 1.5, 2.3, 3.5, 3.7, 4.6, and 4.9. The course also aligns with S&amp;T's strategy statement, which includes "demonstrating our value added as a global university that integrates cross-cultural understanding in all aspects of our educational enterprise."</p> <p>Fall 2008, Spring 2009</p>

## 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. 03/09/17 9:21 am  
Audra Merfeld-Langston (audram):  
Approved for RPHILOSO Chair
2. 03/09/17 10:32 am  
Kristy Giacomelli (kristyg):  
Approved for CCC Secretary
3. 03/09/17 1:11 pm  
Petra Dewitt (dewittp):  
Approved for Arts & Humanities DSCC Chair
4. 03/14/17 10:22 am  
Kristy Giacomelli (kristyg):  
Approved for Pending CCC Agenda post
5. 04/06/17 9:49 am  
Lahne Black (lahne): Approved for CCC Meeting Agenda
6. 04/06/17 11:01 am  
Ilene Morgan (imorgan):  
Approved for

Semester(s)  
previously taught  
Co-Listed  
Courses:

Campus Curricula  
Committee Chair

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Course Reviewer **kristyg (03/09/17 10:32 am):** I edited this to 2001 based upon a conversation with  
Comments Dr. Merfeld-Langston. This course was offered in 08 and 09 as a 2001.

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Key: 4411  
[Preview Bridge](#)

## Course Inventory Change Request

## New Experimental Course Proposal

Date Submitted: 11/18/16 4:42 pm

Viewing: **CHEM ENG 5001.002 : Applied Numerical Methods for CFD**

File: 4374

Last edit: 04/06/17 9:54 am

Changes proposed by: marlene

Requested	Fall 2017
Effective Change Date	
Department	Chemical and Biochemical Engineering
Discipline	Chemical Engineering (CHEM ENG)
Course Number	5001
Topic ID	002
Experimental Title	Applied Numerical Methods for CFD
Experimental Abbreviated Course Title	Appl Numer Methods CFD
Instructors	Dr. Joseph D. Smith

Experimental Catalog Description	Understanding numerical methods on which CFD (Computational Fluid Dynamics) is based allows better understanding and judgement of simulation accuracy. Basic understanding of numerical methods used for inviscid flow parabolized and standard Navier-Stokes equations. Commercial code used to explore practical problems to gain understanding by student
Prerequisites	Graduate standing.
Field Trip Statement	
Credit Hours	LEC: 2      LAB: 1      IND: 0      RSD: 0      Total: 3

Justification for new course: To prepare students for careers in industry.

Semester(s) previously taught: none

Co-Listed Courses:

Course Reviewer Comments: **sraper (02/22/17 11:31 am)**: Edits to description and change effective date. There is concern with the stated prereq that needs to be discussed at CCC meeting.

In Workflow

1. **RCHEMENG Chair**
2. **CCC Secretary**
3. **Engineering DSCC Chair**
4. **Pending CCC Agenda post**
5. **CCC Meeting Agenda**
6. **Campus Curricula Committee Chair**
7. **Registrar**

Approval Path

1. 01/25/17 4:11 pm  
Muthanna Al-Dahhan  
(aldahhanm):  
Approved for  
RCHEMENG Chair
2. 02/09/17 11:21 am

- Lahne Black  
(lahne): Approved  
for CCC Secretary
3. 02/22/17 11:31 am  
sraper: Approved  
for Engineering  
DSCC Chair
4. 03/14/17 10:24 am  
Kristy Giacomelli

- (kristyg):  
Approved for  
Pending CCC  
Agenda post
5. 04/06/17 9:54 am  
Lahne Black  
(lahne): Approved  
for CCC Meeting  
Agenda
6. 04/06/17 11:06 am

Key: 4374

- Ilene Morgan  
(imorgan):  
Approved for  
Campus Curricula  
Committee Chair

[Preview Bridge](#)



## Course Inventory Change Request

### New Experimental Course Proposal

Date Submitted: 02/03/17 1:17 pm

Viewing: **COMP SCI 6001.002 : Special Topics in Real-Time and Cyber-Physical Systems**

File: 4393

Last edit: 04/06/17 9:55 am

Changes proposed by: tauritzd

Requested Fall 2017

Effective Change Date

Department Computer Science

Discipline Computer Science (COMP SCI)

Course Number 6001

Topic ID 002

Experimental Title Special Topics in Real-Time and Cyber-Physical Systems

Experimental Abbreviated Course Title Topics in RTS and CPS

Course Title

Instructors Zhishan Guo

Experimental Catalog Description Cyber-physical systems are built from, and depend upon, the seamless integration of computational algorithms and physical components, where both logical and temporal (real-time) correctness need to be demonstrated. This course will focus on advanced workload models and the Mixed-Criticality design of such systems. Students will conduct semester projects.

Prerequisites A grade of "C" or better in both COMP SCI 3800 and COMP SCI 5200.

Field Trip Statement

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

Justification for new course: The field of cyber-physical systems is quickly growing in importance and this course will expose students to the state-of-the-art and familiarize them with the particular research methods employed in this field.

Semester(s) previously taught None

Co-Listed Courses:

Course Reviewer Comments

#### In Workflow

1. RCOMPSCI Chair
2. CCC Secretary
3. Engineering DSCC Chair
4. Pending CCC Agenda post
5. CCC Meeting Agenda
6. Campus Curricula Committee Chair
7. Registrar

#### Approval Path

1. 02/03/17 1:49 pm Sajal Das (sdas): Approved for RCOMPSCI Chair
2. 02/09/17 11:23 am Lahne Black (lahne): Approved for CCC Secretary
3. 02/22/17 11:31 am sraper: Approved for Engineering DSCC Chair
4. 03/14/17 10:25 am Kristy Giacomelli (kristyg): Approved for Pending CCC Agenda post
5. 04/06/17 9:55 am Lahne Black (lahne): Approved for CCC Meeting Agenda
6. 04/06/17 11:07 am Ilene Morgan (imorgan): Approved for Campus Curricula Committee Chair

Key: 4393

[Preview Bridge](#)



## Course Inventory Change Request

**New Experimental Course Proposal**

Date Submitted: 02/07/17 4:29 pm

Viewing: **MECH ENG 6001.TBD : Advanced Computational Thermofluid Mechanics**

File: 4395

Last edit: 02/07/17 4:29 pm

Changes proposed by: nisbett

Requested	Fall 2017
Effective Change Date	
Department	Mechanical & Aerospace Engineering
Discipline	Mechanical Engineering (MECH ENG)
Course Number	6001
Topic ID	TBD
Experimental Title	Advanced Computational Thermofluid Mechanics
Experimental Abbreviated Course Title	Adv Comp Thermofluid
Instructors	Dr. Kelly Homan

Experimental Catalog Description	Basic concepts of discretization, consistency and stability for model equations. Iterative solution methods (including multigrid), meshing and coordinate transformations. Application of computational methods to the Navier-Stokes equations, boundary layers, and turbulence modeling. Emphasis on open-source programming tools.
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Prerequisites	Mech Eng 5131 or Aero Eng 5131; Mech Eng 5139 or Aero Eng 5139
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Field Trip Statement	
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Credit Hours	LEC: 3	LAB: 0	IND: 0	RSD: 0	Total: 3
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Justification for new course:	This is an important and practical topic for modeling and solving problems in thermofluid mechanics.
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This course should be also colisted as Aero Eng 6001.

Semester(s) previously taught	None
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Co-Listed Courses:	
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Course Reviewer Comments	
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In Workflow

1. RMECHENG Chair
2. CCC Secretary
3. Engineering DSCC Chair
4. Pending CCC Agenda post
5. CCC Meeting Agenda
6. Campus Curricula Committee Chair
7. Registrar

Approval Path

1. 02/07/17 4:38 pm  
James Drallmeier (drallmei): Approved for RMECHENG Chair
2. 02/09/17 11:28 am  
Lahne Black (lahne): Approved for CCC Secretary

3. 02/22/17 11:26 am  
sraper: Approved for Engineering DSCC Chair

4. 04/06/17 10:03 am  
Kristy Giacomelli (kristyg): Approved for Pending CCC

Agenda post

5. 04/06/17 10:21 am  
Lahne Black (lahne): Approved for CCC Meeting Agenda

6. 04/06/17 11:07 am

Ilene Morgan (imorgan): Approved for

Campus Curricula Committee Chair

Key: 4395

[Preview Bridge](#)



## Course Inventory Change Request

### New Experimental Course Proposal

Date Submitted: 02/26/17 6:25 pm

Viewing: **STAT 6001.003 : Survival Analysis**

File: 4402

Last edit: 04/06/17 9:58 am

Changes proposed by: imorgan

Requested	Fall 2017
Effective Change Date	
Department	Mathematics & Statistics
Discipline	Statistics (STAT)
Course Number	6001
Topic ID	003
Experimental Title	Survival Analysis
Experimental Abbreviated Course Title	Survival Analysis
Instructors	Dr. Akim Adekpedjou

Experimental Catalog Description	Analysis of (possibly incomplete) data representing the time to a well-defined event such as mechanical breakdown or insurance claim. Modeling and estimation of the distribution of time-to-event for a single group and comparison between two groups. Hazard functions, censoring and truncation. Nelson-Aalen and Kaplan-Meier estimators, Cox and frailty models.				
Prerequisites	Stat 5643 and Stat 5644; prior exposure to MATLAB or R recommended.				
Field Trip Statement					
Credit Hours	LEC: 3	LAB: 0	IND: 0	RSD: 0	Total: 3

Justification for new course: Too much time has elapsed since the last experimental offering.

Semester(s) previously taught: SP 2008, FS 2010

Co-Listed Courses:

Course Reviewer Comments

#### In Workflow

1. **RMATHEMA Chair**
2. **CCC Secretary**
3. **Sciences DSCC Chair**
4. **Pending CCC Agenda post**
5. **CCC Meeting Agenda**
6. **Campus Curricula Committee Chair**
7. **Registrar**

#### Approval Path

1. 02/26/17 8:33 pm  
sclark: Approved for RMATHEMA Chair
2. 02/27/17 10:06 am  
Kristy Giacomelli (kristyg): Approved for CCC Secretary
3. 03/07/17 11:27 am  
Ilene Morgan (imorgan): Approved for Sciences DSCC Chair
4. 03/14/17 10:32 am  
Kristy Giacomelli (kristyg): Approved for Pending CCC Agenda post
5. 04/06/17 9:58 am  
Lahne Black (lahne): Approved for CCC Meeting Agenda
6. 04/06/17 11:08 am  
Ilene Morgan (imorgan): Approved for

Key: 4402

Campus Curricula  
Committee Chair

[Preview Bridge](#)