



Campus Curricula Committee Meeting Agenda

September 29, 2022

8:15am - 9:30am, Bertelsmeyer 110H

(For Faculty Senate Meeting of October 20, 2022)

Review of submitted Course Change forms:

File: 4891 CHEM 5650 : Introduction to Medicinal Chemistry
File: 4892 COMP SCI 3402 : Introduction to Data Science
File: 452.1 COMP SCI 4097 : Software Systems Development II
File: 539.1 ELEC ENG 5250 : Quantum Computing
File: 875.1 HISTORY 2220 : Making Of Modern Britain
File: 876.1 HISTORY 2222 : The Making Of Modern France
File: 877.1 HISTORY 2224 : Making Of Modern Russia
File: 886.1 HISTORY 3125 : Ancient Rome
File: 887.1 HISTORY 3130 : Medieval History I
File: 1602.1 HISTORY 3135 : Medieval History II
File: 1542.1 HISTORY 3140 : History Of Renaissance Thought
File: 1482.5 HISTORY 3150 : Tudor and Stuart England
File: 888.1 HISTORY 3230 : Europe In The Age Of The French Revolution And Napoleon
File: 889.1 HISTORY 3235 : Foundations Of Contemporary Europe 1815-1914
File: 336.2 HISTORY 3280 : European Migrations and Nationalism Formation
File: 895.1 HISTORY 3345 : Civil War And Reconstruction
File: 900.1 HISTORY 3440 : Grunts: 20th Century Americans In Combat
File: 901.1 HISTORY 3441 : The United States In World War II
File: 1964.1 HISTORY 3442 : The United States in Vietnam
File: 899.1 HISTORY 3480 : History Of Baseball
File: 1422.5 HISTORY 4145 : The Reformation
File: 4757.6 MATH 5601 : Introduction to Numerical Analysis
File: 4889 MATH 6490 : Nonlinear Optimization in Machine Learning
File: 4821.2 MECH ENG 1761 : Introduction to Computer Aided Design
File: 1343.1 POL SCI 2400 : Comparative Politics
File: 2045.3 POL SCI 3211 : American Political Parties
File: 1350.1 POL SCI 3760 : The American Presidency
File: 4750.7 POL SCI 4320 : The Politics of Innovation
File: 4583.3 POL SCI 4500 : Geopolitics and International Security



Review of submitted Program Change forms:

File: 372.5 CHEMPROCT : Chemical Process Engineering CT
File: 319.2 CMPINTS-CT : Computational Intelligence
File: 103.10 MULTI-BA : Multidisciplinary Studies BA

Review of submitted Experimental Course forms:

File: 4881 BIO SCI 4001.008 : Herpetology
File: 4886 COMP ENG 5001.004 : Introduction to Blockchain Engineering
File: 4885 ENGLISH 3001.011 : Advanced Creative Writing
File: 4887 MECH ENG 5001.007 : Machine Learning for Manufacturing Automation
File: 4884 RUSSIAN 4001.001 : Russian Fairy Tales as a Cultural Phenomenon

Course Change Request

New Course Proposal

Date Submitted: 08/23/22 12:07 pm

Viewing: **CHEM 5650 : Introduction to Medicinal Chemistry**

File: 4891

Last edit: 08/29/22 2:51 pm

Changes proposed by: nercal

Requested	Fall 2023
Effective Change Date	
Department	Chemistry
Discipline	Chemistry (CHEM)
Course Number	5650
Title	Introduction to Medicinal Chemistry
Abbreviated Course Title	Med Chem

Catalog

Description

A survey of the important aspects of analytical, organic, and physical chemistry as they relate to drug development, metabolism, and mechanism of action. A deeper understanding about drug design and molecular mechanisms by which drugs work in the body will be covered.

Prerequisites

Chem 2220.

Field Trip

Statement

N/A

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

Required for No

In Workflow

1. **RCHEMIST 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. CAT entry
11. Peoplesoft

Approval Path

1. 08/23/22 12:23 pm
Chariklia Sotiriou-Leventis (cslevent): Approved for RCHEMIST Chair
2. 08/30/22 8:08 am
Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 09/09/22 8:33 am
Katie Shannon (shannonk): Approved for

Majors

Sciences DSCC

Elective for
Majors

Yes

Chair

Justification for
new course:

This course is required to meet the needs of students enrolling in a new Graduate Certificate Program in Medicinal Chemistry offered by the Department of Chemistry.

Semesters
previously
offered as an
experimental
course

N/A

Co-Listed
Courses:

Course Reviewer
Comments

jpnfd (08/29/22 2:51 pm): Updated prereq format

Key: 4891

[Preview Bridge](#)

Course Change Request

New Course Proposal

Date Submitted: 08/26/22 4:50 pm

Viewing: **COMP SCI 3402 : Introduction to Data Science**

File: 4892

Last edit: 08/29/22 2:45 pm

Changes proposed by: taylorpat

Requested Spring 2023

Effective Change

Date

Department Computer Science

Discipline Computer Science (COMP SCI)

Course Number 3402

Title

Introduction to Data Science

Abbreviated Intro Data Science

Course Title

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. FS Meeting Agenda
8. Faculty Senate Chair
9. Registrar
10. CAT entry
11. Peoplesoft

Catalog

Description

This course provides an entry into data science. It covers concepts involved in obtaining and processing data, and deriving insight from data. The course includes standard tools and techniques (UNIX, Python and MySQL), data analytics (predictive), problem solving with data (collection, analysis, evaluation), machine learning, and applications.

Prerequisites

A grade of "C" or better in Comp Sci 1500, Comp Sci 2300, and one of Stat 3113, Stat 3115, Stat 3117, or Stat 5643.

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:

CompSci has a large student interest, and faculty strength, in data science and machine learning. Faculty and advisors determined that there was a gap in training for introductory computer-science oriented data science topics. The proposed CS3402 introduction to data science is intended to precede our upper-level courses CS5402 Data Mining, which precedes 6402 Advanced topics in data mining. This new 3000 level data science also serves as preparation for our 5000 level machine learning course. The existing CS3001 course Introduction to Data Science has been taught two times.

Semesters previously offered as an experimental course

SP22-15, FS18-24

Co-Listed Courses:

Course Reviewer Comments **jpnfd (08/29/22 2:45 pm):** Updated prereq format, added enrollment numbers for semesters previously taught.

Approval Path

- 08/26/22 5:49 pm
Samuel Frimpong (frimpong):
Approved for RCOMPSCI Chair
- 08/30/22 8:13 am
Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
- 09/06/22 2:14 pm
Mark Fitch (mfitch):
Approved for Engineering DSCC Chair

Key: 4892

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 4:48 pm

Viewing: **COMP SCI 4097 : Software Systems**

Development II

File: 452.1

Last edit: 09/06/22 2:15 pm

Changes proposed by: taylorpat

Requested [Spring 2023](#) ~~Fall 18 Prereq~~

Effective Change ~~Attribute Update~~

Date

Department Computer Science

Discipline Computer Science (COMP SCI)

Course Number 4097

Title

Software Systems Development II

Abbreviated Software Sys Develop II

Course Title

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. FS Meeting Agenda
8. Faculty Senate Chair
9. Registrar
10. CAT entry
11. Peoplesoft

Catalog

Description

This course is an optional continuation of Comp Sci [4096](#). ~~397~~. Those interested in project management should take this course since participants become officers or group leaders in the class "corporation." This course is especially important for those going straight into industry upon graduation. Students with coop experience may find this course redundant.

Prerequisites

A [grade of "C"](#) or better ~~grade~~ in Comp Sci [4096 or Comp Sci 4091](#). ~~4096~~.

Field Trip

Statement

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

Total: 3

Required for No

Majors

Elective for No

Majors

Justification for
change:

Newly created CompSci4090 (old 3100) and CompSci4091 (old 4096) replaced older courses. 4097 follows either 4096 or 4091.

Semesters
previously
offered as an
experimental
course

Co-Listed
Courses:

Course Reviewer

Comments

jpnfd (08/29/22 2:38 pm): Updated prereq format

Approval Path

1. 08/26/22 5:49 pm
Samuel Frimpong
(frimpong):
Approved for
RCOMPSCI Chair
2. 08/30/22 8:14 am
Jennifer
Pohlsander
(jpnfd): Approved
for CCC Secretary
3. 09/06/22 2:15 pm
Mark Fitch
(mfitch):
Approved for
Engineering DSCC
Chair

Key: 452

[Preview Bridge](#)

Course Change Request

Date Submitted: 07/29/22 4:02 pm

Viewing: **ELEC ENG 5250 : Quantum ~~Optical~~ Computing**

File: 539.1

Last edit: 08/04/22 3:17 pm

Changes proposed by: watkins

Other Courses
referencing this
course

In The Catalog Description:
[COMP ENG 5230 : Optical Computing](#)

Requested Spring 2023 ~~Fall 18~~ Prereq
Effective Change ~~Attribute Update~~
Date
Department Electrical and Computer Engineering
Discipline Electrical Engineering (ELEC ENG)
Course Number 5250
Title
Quantum ~~Optical~~ Computing
Abbreviated Quantum ~~Optical~~ Computing
Course Title

Catalog
Description
Introduction to the principles, subsystems, and architectures of quantum ~~optical~~ computing. Topics include architectural and general considerations of quantum systems which are suitable for parallel computing applications using a rule-based approach. ~~Topics include characteristics of optical devices; optical implementations of memory, logic elements, and processors; and computational structures.~~

Prerequisites
Comp Eng 2210. ~~2210 or equivalent.~~

Field Trip
Statement

In Workflow

1. RELECENG 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. CAT entry
11. Peoplesoft

Approval Path

1. 08/01/22 11:18
am
Jonathan Kimball
(kimballjw):
Approved for
RELECENG Chair
2. 08/04/22 4:02 pm
Jennifer
Pohlsander
(jpnfd): Approved
for CCC Secretary
3. 08/30/22 11:27
am
Mark Fitch
(mfitch):
Approved for

Credit Hours Total: 3	LEC: 3	LAB: 0	IND: 0	RSD: 0	Engineering DSCC Chair
Required for Majors	No				
Elective for Majors	No				

Justification for change: Update of the course to reflect current terminology and advances.

Semesters previously offered as an experimental course

Co-Listed Courses: COMP ENG 5230 - Optical Computing

Course Reviewer Comments **jpnfd (08/04/22 3:17 pm):** Standardized prereq format Per Chair when asked about 50% content change: "No, the material has not changed in a way that would require a new course request. Mostly, it is different terminology because the field has evolved."

Key: 539

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 1:40 pm

Viewing: **HISTORY 2220 : Making Of Modern Britain**

File: 875.1

Last edit: 08/29/22 2:56 pm

Changes proposed by: dewittp

Programs
referencing this
course

[PSYCH-BA: Psychology BA](#)
[PSYCH-BS: Psychology BS](#)
[INTRCU-CTU: Intercultural Studies CTU](#)
[INTRCUL-CT: Intercultural Studies CT](#)

Requested [Spring 2023](#) ~~Fall 18 Prereq~~

Effective Change ~~Attribute Update~~

Date

Department History and Political Science

Discipline History (HISTORY)

Course Number 2220

Title

Making Of Modern Britain

Abbreviated Making Of Mod Britain

Course Title

Catalog

Description

A survey of modern Britain from the era of Restoration and Glorious Revolution (1660-1689) to the present. Major themes include the social, intellectual, cultural, political and economic aspects of modern and contemporary Britain.

Prerequisites

History [1200 or History 1300 or History 1310](#). ~~1200~~.

Field Trip

Statement

Credit Hours

LEC: 3

LAB: 0

IND: 0

RSD: 0

Total: 3

In Workflow

1. **RHISTORY 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. CAT entry

11. Peoplesoft

Approval Path

1. 08/26/22 2:02 pm

Michael Bruening

(bruening):

Approved for

RHISTORY Chair

2. 08/30/22 8:14 am

Jennifer

Pohlsander

(jpnfd): Approved

for CCC Secretary

3. 08/30/22 8:25 am

Petra Dewitt

(dewittp):

Approved for Arts

& Humanities

Required for Majors

No

DSCC Chair

Majors

Elective for Majors

Yes ~~No~~

Justification for change:

The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters previously offered as an experimental course

Co-Listed Courses:

Course Reviewer **jpnfd (08/29/22 2:56 pm):** Updated prereq format to standardize.
Comments

Key: 875

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 1:41 pm

Viewing: **HISTORY 2222 : The Making Of Modern France**

File: 876.1

Last edit: 08/26/22 1:41 pm

Changes proposed by: dewittp

Programs
referencing this
course

[PSYCH-BA: Psychology BA](#)
[PSYCH-BS: Psychology BS](#)
[INTRCU-CTU: Intercultural Studies CTU](#)
[INTRCUL-CT: Intercultural Studies CT](#)

Requested [Spring 2023](#) ~~Fall 18 Prereq~~

Effective Change ~~Attribute Update~~

Date

Department History and Political Science

Discipline History (HISTORY)

Course Number 2222

Title

The Making Of Modern France

Abbreviated Making Of Modern France

Course Title

Catalog

Description

A survey of modern France from the era of Louis XIV (1660-1715) to the present. Major themes include the social, intellectual, cultural, political and economic aspects of modern and contemporary France.

Prerequisites

History [1100 or History](#) 1200.

Field Trip

Statement

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

Total: 3

In Workflow

1. RHISTORY 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. CAT entry
11. Peoplesoft

Approval Path

1. 08/26/22 2:02 pm
Michael Bruening (bruening):
Approved for
RHISTORY Chair
2. 08/30/22 8:14 am
Jennifer Pohlsander (jpnfd): Approved
for CCC Secretary
3. 08/30/22 8:25 am
Petra Dewitt (dewittp):
Approved for Arts
& Humanities

Required for No

Majors

DSCC Chair

Elective for Yes ~~No~~

Majors

Justification for
change:

The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters
previously
offered as an
experimental
course

Co-Listed
Courses:

Course Reviewer

Comments

Key: 876

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 1:42 pm

Viewing: **HISTORY 2224 : Making Of Modern Russia**

File: 877.1

Last edit: 08/29/22 3:02 pm

Changes proposed by: dewittp

Programs
referencing this
course

[PSYCH-BA: Psychology BA](#)
[PSYCH-BS: Psychology BS](#)
[INTRCU-CTU: Intercultural Studies CTU](#)
[INTRCUL-CT: Intercultural Studies CT](#)

Requested [Spring 2023](#) ~~Fall 18 Prereq~~

Effective Change ~~Attribute Update~~

Date

Department History and Political Science

Discipline History (HISTORY)

Course Number 2224

Title

Making Of Modern Russia

Abbreviated Making Of Modern Russia

Course Title

Catalog

Description

A survey of modern Russia from the era of "Westernization" and Peter the Great (1660-1725) to the present. Major themes include the social, intellectual, cultural, political and economic aspects of modern and contemporary Russia, with emphasis on the Soviet period.

Prerequisites

History [1100 or History 1200 or History 1300 or History 1310](#). ~~1200~~.

Field Trip

Statement

Credit Hours

LEC: 3

LAB: 0

IND: 0

RSD: 0

In Workflow

1. **RHISTORY 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. CAT entry

11. Peoplesoft

Approval Path

1. 08/26/22 2:02 pm

Michael Bruening

(bruening):

Approved for

RHISTORY Chair

2. 08/30/22 8:15 am

Jennifer

Pohlsander

(jpnfd): Approved

for CCC Secretary

3. 08/30/22 8:25 am

Petra Dewitt

(dewittp):

Approved for Arts

& Humanities

Total: 3

DSCC Chair

Required for
Majors NoElective for
Majors Yes ~~No~~

Justification for
change: The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters
previously
offered as an
experimental
course

Co-Listed
Courses:

Course Reviewer **jpnfd (08/29/22 3:02 pm):** Standardized prereq.
Comments

Key: 877

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 1:43 pm

Viewing: **HISTORY 3125 : Ancient Rome**

File: 886.1

Last edit: 08/29/22 3:04 pm

Changes proposed by: dewittp

Requested Spring 2023 ~~Fall 18 Prereq~~

Effective Change ~~Attribute Update~~

Date

Department History and Political Science

Discipline History (HISTORY)

Course Number 3125

Title

Ancient Rome

Abbreviated Ancient Rome

Course Title

Catalog

Description

Rome 509 B.C. to 337 A.D. The Roman world from the founding of the Republic through the reign of constantine. Special emphasis is on the transformation of classical culture during the Republic and Imperial age.

Prerequisites

History 1100 or History 1200 or History 1300 or History 1310 or Pol Sci 1200. ~~1100.~~

Field Trip

Statement

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

Total: 3

Required for No

Majors

Elective for Yes ~~No~~

Majors

In Workflow

1. **RHISTORY 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. CAT entry
11. Peoplesoft

Approval Path

1. 08/26/22 2:02 pm
Michael Bruening (bruening):
Approved for
RHISTORY Chair
2. 08/30/22 8:15 am
Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 08/30/22 8:26 am
Petra Dewitt (dewittp):
Approved for Arts & Humanities

Justification for
change:

DSCC Chair

The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters
previously
offered as an
experimental
course

Co-Listed
Courses:

Course Reviewer **jpnfd (08/29/22 11:37 am)**: Updated prereq format
Comments **jpnfd (08/29/22 3:04 pm)**: Standardized prereq.

Key: 886

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 1:44 pm

Viewing: **HISTORY 3130 : Medieval History I**

File: 887.1

Last edit: 08/29/22 3:07 pm

Changes proposed by: dewittp

Programs
referencing this
course

[PSYCH-BA: Psychology BA](#)
[PSYCH-BS: Psychology BS](#)
[MEDIEV-CTU: UCT - Medieval and Renaissance Studies](#)

Requested [Spring 2023](#) ~~Fall 18 Prereq~~

Effective Change ~~Attribute Update~~

Date

Department History and Political Science

Discipline History (HISTORY)

Course Number 3130

Title
Medieval History I

Abbreviated Medieval History I

Course Title

Catalog

Description

The Early Middle Ages, 284 A.D.-753 A.D., transition from ancient to Medieval civilization. The fundamental differences between Roman and Medieval ideas, institutions and life. The triumph of Christianity, the conditions which made this triumph possible and its role in the development of Western Europe.

Prerequisites

History [1100 or History 1200 or History 1300 or History 1310 or Pol Sci 1200](#). ~~1100~~

Field Trip

Statement

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

In Workflow

1. **RHISTORY 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. CAT entry

11. Peoplesoft

Approval Path

1. 08/26/22 2:02 pm

Michael Bruening

(bruening):

Approved for

RHISTORY Chair

2. 08/30/22 8:15 am

Jennifer

Pohlsander

(jpnfd): Approved

for CCC Secretary

3. 08/30/22 8:26 am

Petra Dewitt

(dewittp):

Approved for Arts

& Humanities

Total: 3

DSCC Chair

Required for
Majors NoElective for
Majors Yes ~~No~~

Justification for
change: The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters
previously
offered as an
experimental
course

Co-Listed
Courses:

Course Reviewer **jpnfd (08/29/22 11:38 am):** Updated prereq formatComments **jpnfd (08/29/22 3:07 pm):** Standardized prereq

Key: 887

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 1:46 pm

Viewing: **HISTORY 3135 : Medieval History II**

File: 1602.1

Last edit: 08/29/22 3:09 pm

Changes proposed by: dewittp

Programs
referencing this
course

[PSYCH-BA: Psychology BA](#)
[PSYCH-BS: Psychology BS](#)
[MEDIEV-CTU: UCT - Medieval and Renaissance Studies](#)

Requested [Spring 2023](#) ~~Fall 18 Prereq~~

Effective Change ~~Attribute Update~~

Date

Department History and Political Science

Discipline History (HISTORY)

Course Number 3135

Title
Medieval History II

Abbreviated Medieval History II

Course Title

Catalog

Description

Medieval Civilization, 11th-13th centuries. The transition from Medieval to Modern world, developments in the political, social and economic institutions of the Medieval world and their enduring effect on Western European Civilization, conflict of faith and reason during this period.

Prerequisites

History [1100 or History 1200 or History 1300 or History 1310 or Pol Sci 1200](#). ~~1100~~

Field Trip

Statement

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

In Workflow

1. **RHISTORY 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. CAT entry

11. Peoplesoft

Approval Path

1. 08/26/22 2:02 pm

Michael Bruening
(bruening):

Approved for
RHISTORY Chair

2. 08/30/22 8:15 am

Jennifer

Pohlsander

(jpnfd): Approved
for CCC Secretary

3. 08/30/22 8:26 am

Petra Dewitt

(dewittp):

Approved for Arts
& Humanities

Total: 3

DSCC Chair

Required for
Majors NoElective for
Majors Yes ~~No~~

Justification for
change: The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters
previously
offered as an
experimental
course

Co-Listed
Courses:

Course Reviewer **jpnfd (08/29/22 11:39 am):** Updated prereq format

Comments **jpnfd (08/29/22 3:09 pm):** Standardized prereq.

Key: 1602

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 1:47 pm

Viewing: **HISTORY 3140 : History Of Renaissance Thought**

File: 1542.1

Last edit: 08/29/22 3:12 pm

Changes proposed by: dewittp

Programs
referencing this
course

[PSYCH-BA: Psychology BA](#)
[PSYCH-BS: Psychology BS](#)
[MEDIEV-CTU: UCT - Medieval and Renaissance Studies](#)

Requested [Spring 2023](#) ~~Fall 18 Prereq~~

Effective Change ~~Attribute Update~~

Date

Department History and Political Science

Discipline History (HISTORY)

Course Number 3140

Title

History Of Renaissance Thought

Abbreviated Hist Renaissance Thought

Course Title

Catalog

Description

Concentrates on the political, religious, and social thought of the Renaissance. Particular emphasis on the revival of the classics, the spread of humanistic values, and reform efforts during the period with relationship to the material basis of society.

Prerequisites

History 1100 or [History 1200 or History 1300 or History 1310 or Pol Sci 1200](#).

Field Trip

Statement

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

In Workflow

1. **RHISTORY 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. CAT entry

11. Peoplesoft

Approval Path

1. 08/26/22 2:02 pm
Michael Bruening
(bruening):

Approved for
RHISTORY Chair

2. 08/30/22 8:15 am
Jennifer
Pohlsander

(jpnfd): Approved
for CCC Secretary

3. 08/30/22 8:27 am
Petra Dewitt
(dewittp):

Approved for Arts
& Humanities

Total: 3

DSCC Chair

Required for
Majors NoElective for
Majors Yes ~~No~~

Justification for
change: The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters
previously
offered as an
experimental
course

Co-Listed
Courses:

Course Reviewer **jpnfd (08/29/22 11:41 am):** Updated prereq formatComments **jpnfd (08/29/22 3:12 pm):** Standardized format

Key: 1542

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 1:48 pm

Viewing: **HISTORY 3150 : Tudor and Stuart England**

File: 1482.5

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

Last edit: 08/29/22 3:17 pm

Changes proposed by: dewittp

Programs [MEDIEV-CTU: UCT - Medieval and Renaissance Studies](#)
referencing this
course

Requested [Spring 2023](#) ~~Fall 18 Prereq~~
Effective Change ~~Attribute Update~~
Date
Department History and Political Science
Discipline History (HISTORY)
Course Number 3150
Title
Tudor and Stuart England
Abbreviated Tudor & Stuart England
Course Title

Catalog
Description
A study of England 1485 - 1689 covering the social, political, religious, and cultural developments.
Prerequisites
History 1100 or History [1200 or History 1300 or History 1310 or Pol Sci 1200](#).
Field Trip
Statement
Credit Hours LEC: 3 LAB: 0 IND: 0 RSD: 0
Total: 3

In Workflow

1. **RHISTORY 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. CAT entry
11. Peoplesoft

Approval Path

1. 08/26/22 2:02 pm
Michael Bruening (bruening):
Approved for RHISTORY Chair
2. 08/30/22 8:16 am
Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 08/30/22 8:27 am
Petra Dewitt (dewittp):
Approved for Arts & Humanities

Required for Majors

No

DSCC Chair

Elective for Majors

Yes ~~No~~

History

1. May 24, 2016 by dewittp (1482.1)

Justification for change:

The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters previously offered as an experimental course

Co-Listed Courses:

Course Reviewer **jpnfd (08/29/22 11:45 am):** Updated prereq format

Comments **jpnfd (08/29/22 3:17 pm):** Standardized prereq.

Key: 1482

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 1:49 pm

Viewing: **HISTORY 3230 : Europe In The Age Of The French Revolution And Napoleon**

File: 888.1

Last edit: 08/26/22 1:49 pm

Changes proposed by: dewittp

Programs [PSYCH-BA: Psychology BA](#)
 referencing this [PSYCH-BS: Psychology BS](#)
 course [WARSOC-CTU: UCT - War and Society](#)

Requested [Spring 2023](#) ~~Fall 18 Prereq~~
 Effective Change ~~Attribute Update~~
 Date

Department History and Political Science

Discipline History (HISTORY)

Course Number 3230

Title Europe In The Age Of The French Revolution And Napoleon

Abbreviated Eur Age Fr Revol & Napol
 Course Title

Catalog Description
 An in-depth examination of the causes, courses and results of the French Revolution and the Napoleonic Era (1789-1815). The impact of the age of the French Imperium upon European economic, diplomatic, intellectual, political and social development.

Prerequisites
 History [1100 or History](#) 1200.

Field Trip Statement

In Workflow

1. **RHISTORY 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. CAT entry
11. Peoplesoft

Approval Path

1. 08/26/22 2:03 pm Michael Bruening (bruening): Approved for RHISTORY Chair
2. 08/30/22 8:16 am Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 08/30/22 8:27 am Petra Dewitt (dewittp): Approved for Arts & Humanities

Credit Hours	LEC: 3	LAB: 0	IND: 0	RSD: 0	DSCC Chair
Total: 3					
Required for Majors	No				
Elective for Majors	<u>Yes</u> No				

Justification for change: The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters previously offered as an experimental course

Co-Listed Courses:

Course Reviewer Comments

Key: 888

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 1:50 pm

Viewing: **HISTORY 3235 : Foundations Of Contemporary Europe 1815-1914**

File: 889.1

Last edit: 08/29/22 3:25 pm

Changes proposed by: dewittp

Programs [PSYCH-BA: Psychology BA](#)
referencing this
course [PSYCH-BS: Psychology BS](#)

Requested [Spring 2023](#) ~~Fall 18 Prereq~~

Effective Change ~~Attribute Update~~

Date

Department History and Political Science

Discipline History (HISTORY)

Course Number 3235

Title

Foundations Of Contemporary Europe 1815-1914

Abbreviated Fnd Contmp Eur 1815-1914

Course Title

Catalog

Description

Europe after Napoleon, development of democracy and nationalism, revolutionary movements and leaders, unification of Italy and Germany, national developments of the major powers and the road to the First World War are the bases of this course.

Prerequisites

History [1100 or History 1200 or History 1300 or History 1310](#). ~~1200~~.

Field Trip

Statement

In Workflow

1. **RHISTORY 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. CAT entry
11. Peoplesoft

Approval Path

1. 08/26/22 2:03 pm Michael Bruening (bruening): Approved for RHISTORY Chair
2. 08/30/22 8:16 am Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 08/30/22 8:27 am Petra Dewitt (dewittp): Approved for Arts & Humanities

Credit Hours	LEC: 3	LAB: 0	IND: 0	RSD: 0	DSCC Chair
Total: 3					
Required for Majors	No				
Elective for Majors	<u>Yes</u> No				

Justification for change: The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters
previously
offered as an
experimental
course

Co-Listed
Courses:

Course Reviewer **jpnfd (08/29/22 3:25 pm):** Standardized prereq.
Comments

Key: 889

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 1:51 pm

Viewing: **HISTORY 3280 : European Migrations and Nationalism Formation**

File: 336.2

Last approved: 05/06/16 3:33 am

Last edit: 08/29/22 3:27 pm

Changes proposed by: dewittp

Programs [MUL&DIV-MI: Multiculture & Diversity Minor](#)
referencing this course

Requested [Spring 2023](#) ~~05/30/2016~~

Effective Change Date

Department History and Political Science

Discipline History (HISTORY)

Course Number 3280

Title European Migrations and Nationalism Formation

Abbreviated Course Title European Migrations

Catalog

Description

Analyzes migration patterns into, out of, and within Europe in context of global population movements from Roman Empire through the present. Students will learn to analyze and synthesize factors involved in these movements and correlations to personal and national identity formations.

Prerequisites

History [1100](#) ~~1200~~ or History [1200](#) ~~1300~~ or History [1300 or History](#) 1310.

Field Trip

Statement

In Workflow

1. **RHISTORY 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. CAT entry
11. Peoplesoft

Approval Path

1. 08/26/22 2:03 pm Michael Bruening (bruening): Approved for RHISTORY Chair
2. 08/30/22 8:16 am Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 08/30/22 8:28 am Petra Dewitt (dewittp): Approved for Arts & Humanities

DSCC Chair

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

Total: 3

Required for
Majors NoElective for
Majors Yes ~~No~~

History

1. May 6, 2016 by
dewittp (336.1)Justification for
change:

The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters
previously
offered as an
experimental
course

Co-Listed
Courses:

Course Reviewer **jpnfd (08/29/22 3:27 pm):** Standardized Prereq.

Comments

Key: 336

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 1:52 pm

Viewing: **HISTORY 3345 : Civil War And Reconstruction**

File: 895.1

Last edit: 08/29/22 3:28 pm

Changes proposed by: dewittp

Programs
referencing this
course

[PSYCH-BA: Psychology BA](#)
[PSYCH-BS: Psychology BS](#)
[MILSEC-CTU: UCT - Military and Security Studies](#)
[WARSOC-CTU: UCT - War and Society](#)

Requested [Spring 2023](#) ~~Fall 18 Prereq~~

Effective Change ~~Attribute Update~~

Date

Department History and Political Science

Discipline History (HISTORY)

Course Number 3345

Title

Civil War And Reconstruction

Abbreviated Civil War & Reconstruct

Course Title

Catalog

Description

Lecture, discussion and readings on the causes and consequences of the American Civil War. Focuses on the prewar North-South sectional rivalry: impact of the war on American society, government and politics. Reconstruction including the development of racial crisis in United States history.

Prerequisites

History [1100 or History 1200 or History 1300 or History 1310 or Pol Sci 1200](#). ~~1300~~.

Field Trip

Statement

Credit Hours

LEC: 3

LAB: 0

IND: 0

RSD: 0

In Workflow

1. **RHISTORY 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. CAT entry
11. Peoplesoft

Approval Path

1. 08/26/22 2:03 pm
Michael Bruening (bruening):
Approved for
RHISTORY Chair
2. 08/30/22 8:17 am
Jennifer Pohlsander (jpnfd): Approved
for CCC Secretary
3. 08/30/22 8:28 am
Petra Dewitt (dewittp):
Approved for Arts
& Humanities

Total: 3

DSCC Chair

Required for
Majors NoElective for
Majors Yes ~~No~~

Justification for
change: The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters
previously
offered as an
experimental
course

Co-Listed
Courses:

Course Reviewer **jpnfd (08/29/22 1:05 pm):** Updated prereq format
Comments

Key: 895

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 1:55 pm

Viewing: **HISTORY 3440 : Grunts: 20th Century Americans**

In Combat

File: 900.1

Last edit: 08/29/22 3:30 pm

Changes proposed by: dewittp

Programs referencing this course

- [PSYCH-BA: Psychology BA](#)
- [PSYCH-BS: Psychology BS](#)
- [MILSEC-CTU: UCT - Military and Security Studies](#)
- [WARSOC-CTU: UCT - War and Society](#)
- [MIL SC-MI: Adaptive Leadership Minor](#)

Requested [Spring 2023](#) ~~Fall 18 Prereq~~
 Effective Change ~~Attribute Update~~
 Date
 Department History and Political Science
 Discipline History (HISTORY)
 Course Number 3440
 Title
[Grunts](#): 20th Century Americans In Combat
 Abbreviated 20th Cent Amer In Combat
 Course Title

Catalog

Description

Through lectures, films, readings, exams, film reviews and discussions, this course examines the American military and combat experience throughout much of the twentieth century. The ultimate goal of the course is for students to understand the realities of warfare and its effect on ordinary Americans as well as American society.

Prerequisites

History [1100](#) or [History 1200](#) or [History 1300](#) or [History 1310](#) or [Pol Sci 1200](#).

Field Trip

In Workflow

1. [RHISTORY 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. [CAT entry](#)
11. [Peoplesoft](#)

Approval Path

1. 08/26/22 2:03 pm
Michael Bruening (bruening):
Approved for
RHISTORY Chair
2. 08/30/22 8:17 am
Jennifer Pohlsander (jpnfd): Approved for
CCC Secretary
3. 08/30/22 8:28 am
Petra Dewitt (dewittp):
Approved for Arts & Humanities

Statement

DSCC Chair

Credit Hours

LEC: 3

LAB: 0

IND: 0

RSD: 0

Total: 3

Required for
Majors

No

Elective for
MajorsYes ~~No~~Justification for
change:

The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses. Since the focus is on ordinary soldiers, it also made sense to adjust the title of the course accordingly.

Semesters
previously
offered as an
experimental
course

Co-Listed
Courses:

Course Reviewer
Comments

jpnfd (08/29/22 3:30 pm): Standardized Prereq.

Key: 900

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 1:56 pm

Viewing: **HISTORY 3441 : The United States In World War**

II

File: 901.1

Last edit: 08/29/22 3:32 pm

Changes proposed by: dewittp

Programs [MILSEC-CTU: UCT - Military and Security Studies](#)
referencing this [WARSOC-CTU: UCT - War and Society](#)
course

Requested [Spring 2023](#) ~~Fall 18 Prereq~~

Effective Change ~~Attribute Update~~

Date

Department History and Political Science

Discipline History (HISTORY)

Course Number 3441

Title

The United States In World War II

Abbreviated US in WWII

Course Title

Catalog

Description

Through lectures, readings and film this course will explore the American experience in World War II. The course will particularly focus on the war's American major battles along with the war's effect on Americans in combat and on the home front.

Prerequisites

History [1100 or History 1200 or History 1300 or History 1310 or Pol Sci 1200.](#) ~~ef 1310.~~

Field Trip

Statement

In Workflow

1. **RHISTORY 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. CAT entry

11. Peoplesoft

Approval Path

1. 08/26/22 2:03 pm

Michael Bruening

(bruening):

Approved for

RHISTORY Chair

2. 08/30/22 8:18 am

Jennifer

Pohlsander

(jpnfd): Approved

for CCC Secretary

3. 08/30/22 8:28 am

Petra Dewitt

(dewittp):

Approved for Arts

& Humanities

Credit Hours	LEC: 3	LAB: 0	IND: 0	RSD: 0	DSCC Chair
Total: 3					
Required for Majors	No				
Elective for Majors	<u>Yes</u> No				

Justification for change: The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters previously offered as an experimental course

Co-Listed Courses:

Course Reviewer **jpnfd (08/29/22 3:32 pm):** Standardized Prereq.
Comments

Key: 901

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 1:58 pm

Viewing: **HISTORY 3442 : The United States in Vietnam**

File: 1964.1

Last edit: 08/29/22 3:35 pm

Changes proposed by: dewittp

Programs
referencing this
course

[PSYCH-BA: Psychology BA](#)
[PSYCH-BS: Psychology BS](#)
[MILSEC-CTU: UCT - Military and Security Studies](#)
[WARSOC-CTU: UCT - War and Society](#)

Requested [Spring 2023](#) ~~Fall 18 Prereq~~

Effective Change ~~Attribute Update~~

Date

Department History and Political Science

Discipline History (HISTORY)

Course Number 3442

Title

The United States in Vietnam

Abbreviated U.S. in Vietnam

Course Title

Catalog

Description

Through lecture, film and readings, this course examines the American experience in the Vietnam War. The course covers the causes and consequences of the war as well as its effect on those who fought and on American society as a whole. There is a special emphasis on the realities of combat and the war's impact on individual Americans.

Prerequisites

History [1100 or History 1200 or History 1300 or History 1310 or Pol Sci 1200.](#) ~~1310.~~

Field Trip

Statement

In Workflow

1. **RHISTORY 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. CAT entry

11. Peoplesoft

Approval Path

1. 08/26/22 2:03 pm

Michael Bruening

(bruening):

Approved for

RHISTORY Chair

2. 08/30/22 8:18 am

Jennifer

Pohlsander

(jpnfd): Approved

for CCC Secretary

3. 08/30/22 8:28 am

Petra Dewitt

(dewittp):

Approved for Arts

& Humanities

Credit Hours	LEC: 3	LAB: 0	IND: 0	RSD: 0	DSCC Chair
Total: 3					
Required for Majors	No				
Elective for Majors	<u>Yes</u> No				

Justification for change: The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters previously offered as an experimental course

Co-Listed Courses:

Course Reviewer **jpnfd (08/29/22 3:35 pm):** Standardized Prereq.
Comments

Key: 1964

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 2:03 pm

Viewing: **HISTORY 3480 : History Of Baseball**

File: 899.1

Last edit: 08/29/22 3:37 pm

Changes proposed by: dewittp

Programs
referencing this
course

[PSYCH-BA: Psychology BA](#)
[PSYCH-BS: Psychology BS](#)

Requested [Spring 2023](#) ~~Fall 18 Prereq~~

Effective Change ~~Attribute Update~~

Date

Department History and Political Science

Discipline History (HISTORY)

Course Number 3480

Title
History Of Baseball

Abbreviated History Of Baseball

Course Title

Catalog

Description

This course will survey and interpret the history of baseball from its earliest beginnings down to the present. Main focus will be on the evolution of the professional game in all of its facets.

Prerequisites

History [1100 or History 1200 or History 1300 or History 1310 or Pol Sci 1200.](#) ~~or 1310.~~

Field Trip

Statement

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

In Workflow

1. **RHISTORY 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. CAT entry
11. Peoplesoft

Approval Path

1. 08/26/22 2:13 pm
Michael Bruening (bruening):
Approved for RHISTORY Chair
2. 08/30/22 8:18 am
Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 08/30/22 8:29 am
Petra Dewitt (dewittp):
Approved for Arts & Humanities

Total: 3

DSCC Chair

Required for
Majors NoElective for
Majors Yes ~~No~~

Justification for
change: The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters
previously
offered as an
experimental
course

Co-Listed
Courses:

Course Reviewer **jpnfd (08/29/22 3:37 pm):** Standardized prereq.
Comments

Key: 899

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 2:07 pm

Viewing: **HISTORY 4145 : The Reformation**

File: 1422.5

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

Last edit: 08/29/22 3:39 pm

Changes proposed by: dewittp

Programs [MEDIEV-CTU: UCT - Medieval and Renaissance Studies](#)
referencing this
course

Requested [Spring 2023](#) ~~Fall 18 Prereq~~
Effective Change ~~Attribute Update~~
Date
Department History and Political Science
Discipline History (HISTORY)
Course Number 4145
Title
The Reformation
Abbreviated The Reformation
Course Title

Catalog
Description
An examination of the backgrounds, events, ideas, and impact of the Reformation in Europe. Emphasis on the competing ideas of the reformers as well as on the Reformation's long-term social, cultural, and political impact.

Prerequisites
History 1100 or History [1200 or History 1300 or History 1310 or Pol Sci 1200](#).

Field Trip
Statement

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

In Workflow

1. **RHISTORY 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. CAT entry
11. Peoplesoft

Approval Path

1. 08/26/22 2:13 pm
Michael Bruening (bruening):
Approved for RHISTORY Chair
2. 08/30/22 8:18 am
Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 08/30/22 8:29 am
Petra Dewitt (dewittp):
Approved for Arts & Humanities

Total: 3		DSCC Chair
Required for Majors	No	History
Elective for Majors	<u>Yes</u> No	1. May 24, 2016 by dewittp (1422.1)

Justification for change: The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters previously offered as an experimental course

Co-Listed Courses:

Course Reviewer **jpnfd (08/29/22 3:39 pm):** Standardized Prereq.
Comments

Key: 1422

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/17/22 4:48 pm

Viewing: **MATH 5601 : Introduction to Numerical Analysis**

File: 4757.6

Last approved: 02/21/22 6:01 am

Last edit: 08/30/22 11:26 am

Changes proposed by: prunnion

Other Courses referencing this course

In The Prerequisites: _____
[MATH 5602 : Mathematical Foundation of Finite Element Methods](#)

Requested Fall ~~2022~~ 2023
 Effective Change Date
 Department Mathematics & Statistics
 Discipline Mathematics (MATH)
 Course Number 5601
 Title Introduction to Numerical Analysis
 Abbreviated Intro Num Analysis
 Course Title

Catalog

Description

Mathematical foundation and theory of the basic numerical methods for nonlinear equations, function approximations, numerical differentiation/integration, ordinary differential equations, and matrix computation, including convergence, accuracy, and stability analysis; extension of the basic methods to the corresponding more advanced methods.

Prerequisites

A grade of "C" or better in Math [3108 or Math 3304, 2222](#) and [Comp Sci 1570, Comp Sci 1970, Comp Sci 1971, or Comp Sci 1972.](#) ~~Math 3304.~~

Field Trip

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. FS Meeting Agenda
8. Faculty Senate Chair
9. Registrar
10. CAT entry
11. Peoplesoft

Approval Path

1. 08/18/22 9:31 am
John Singler (singlerj):
Approved for RMATHEMA Chair
2. 08/30/22 1:34 pm
Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 09/09/22 8:33 am
Katie Shannon (shannonk):
Approved for Sciences DSCC

Statement					Chair
Credit Hours Total: 3	LEC: 3	LAB: 0	IND: 0	RSD: 0	History 1. Feb 10, 2021 by Paul Runnion (prunnion) 2. Feb 21, 2022 by prunnion (4757.3)
Required for Majors	Yes				
Elective for Majors	No				

Justification for change: This allows us to broaden the audience for this course by removing the necessity of 3304 since computer science majors may be interested and they do not generally take 3304. It also stresses the need for basic programming competency.

Semesters previously offered as an experimental course

Co-Listed Courses:

Course Reviewer **jpnfd (08/30/22 8:22 am):** Updated prereq format.
 Comments **jpnfd (08/30/22 11:26 am):** Info not needed- Semesters previously offered as EC

Key: 4757

[Preview Bridge](#)

Course Change Request

New Course Proposal

Date Submitted: 08/17/22 4:43 pm

Viewing: **MATH 6490 : Nonlinear Optimization in Machine Learning**

File: 4889

Last edit: 08/30/22 11:35 am

Changes proposed by: prunnion

Requested	Spring 2023
Effective Change Date	
Department	Mathematics & Statistics
Discipline	Mathematics (MATH)
Course Number	6490
Title	Nonlinear Optimization in Machine Learning
Abbreviated Course Title	Nonlinear Optimization

Catalog

Description

Nonlinear optimization methods and background information in machine learning, including convex functions, steepest descent, line search method, heavy-ball method, accelerated gradient method, stochastic gradient descent and variance reduced gradient, coordinate descent, alternating directions, and nonconvex optimization.

Prerequisites

Math 2222 and Math 3108 and Stat 3115 or Stat 3117 or Stat 5643

Field Trip

Statement

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

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. FS Meeting Agenda
8. Faculty Senate Chair
9. Registrar
10. CAT entry
11. Peoplesoft

Approval Path

1. 08/18/22 9:31 am
John Singler (singlerj):
Approved for RMATHEMA Chair
2. 08/30/22 1:35 pm
Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 09/09/22 8:33 am
Katie Shannon (shannonk):
Approved for Sciences DSCC

Required for
Majors

No

Chair

Elective for
Majors

Yes

Justification for
new course:

This course leverages the expertise of our faculty and provides a course which has proven beneficial to students both inside and outside our department.

Semesters
previously
offered as an
experimental
course

SP19-18, SP20-27, SP21-6

Co-Listed
Courses:

Course Reviewer
Comments

jpnfd (08/30/22 11:35 am): Updated prereq format. Added class enrollment #'s for semesters previously taught.

Key: 4889

[Preview Bridge](#)

Course Change Request

Date Submitted: 09/02/22 12:36 pm

Viewing: **MECH ENG 1761 : Introduction to Computer Aided Design**

File: 4821.2

Last approved: 10/26/21 6:01 am

Last edit: 09/09/22 4:10 pm

Changes proposed by: nisbett

Programs
referencing this
course

[MC ENG-BS: Mechanical Engineering BS](#)

Other Courses
referencing this
course

In The Prerequisites:

[MECH ENG 2653 : Introduction To Manufacturing Processes](#)

[MECH ENG 2761 : Introduction To Mechanical Design](#)

Requested
Effective Change
Date

[Fall 2023](#) ~~Spring 2022~~

Department Mechanical & Aerospace Engineering

Discipline Mechanical Engineering (MECH ENG)

Course Number 1761

Title

Introduction to Computer Aided Design

Abbreviated Intro to CAD

Course Title

Catalog
Description

Introduces principles and application of computer aided design. Topics include parametric sketching, solid modelling, assemblies, mass properties, engineering drawings and file exchange.

Prerequisites

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. CAT entry
11. Peoplesoft

Mech Eng 1720; Math 1212 or Math 1214 ~~Mech Eng 1720.~~

Field Trip
Statement

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

Total: 1

Required for Yes
Majors

Elective for No
Majors

Justification for
change:

Adding Calculus I prerequisite to ensure appropriate background and maturity for the concepts.

Semesters
previously
offered as an
experimental
course

Co-Listed
Courses:

Course Reviewer **jpnfd (09/06/22 1:31 pm):** Updated to Spring 23

Comments **mfitch (09/09/22 4:10 pm):** Timing of proposal = FS 23 effective per deadlines.

Approval Path

- 09/02/22 4:03 pm
David Bayless
(djbkqf):
Approved for
RMECHENG Chair
- 09/06/22 1:57 pm
Jennifer
Pohlsander
(jpnfd): Approved
for CCC Secretary
- 09/09/22 4:10 pm
Mark Fitch
(mfitch):
Approved for
Engineering DSCC
Chair

History

- Oct 26, 2021 by J.
Keith Nisbett
(nisbett)

Key: 4821

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 2:09 pm

Viewing: **POL SCI 2400 : Comparative Politics**

File: 1343.1

Last edit: 08/30/22 1:40 pm

Changes proposed by: dewittp

Requested Spring 2023 ~~Fall 2018~~
 Effective Change
 Date
 Department History and Political Science
 Discipline Political Science (POL SCI)
 Course Number 2400
 Title
 Comparative Politics
 Abbreviated Comparative Politics
 Course Title

Catalog

Description

A comparative study of states, institutional structures, ideologies, political culture, political parties, interest groups and forms of government. How these social forces are organized to articulate national or parochial interests within the framework of participatory or centralized political systems will be studied.

Prerequisites

Pol Sci 1200 or History 1300 or History 1310. ~~1300.~~

Field Trip

Statement

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

Total: 3

Required for No

Majors

Elective for Yes ~~No~~

Majors

In Workflow

1. RHISTORY 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. CAT entry
11. Peoplesoft

Approval Path

1. 08/26/22 2:13 pm
Michael Bruening (bruening):
Approved for RHISTORY Chair
2. 08/30/22 1:36 pm
Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 08/30/22 1:40 pm
Petra Dewitt (dewittp):
Approved for Arts & Humanities

DSCC Chair

Justification for
change:

The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters
previously
offered as an
experimental
course

Co-Listed
Courses:

Course Reviewer **dewittp (08/30/22 1:40 pm):** Updated prereq format.
Comments

Key: 1343

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 2:10 pm

Viewing: **POL SCI 3211 : American Political Parties**

File: 2045.3

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

Last edit: 08/30/22 12:49 pm

Changes proposed by: dewittp

Programs
referencing this
course

[PSYCH-BA: Psychology BA](#)
[PSYCH-BS: Psychology BS](#)

Requested [Spring 2023](#) ~~Fall 18 Prereq~~

Effective Change ~~Attribute Update~~

Date

Department History and Political Science

Discipline Political Science (POL SCI)

Course Number 3211

Title

American Political Parties

Abbreviated Amer Political Parties

Course Title

Catalog

Description

The origin and development of political parties in the United States, the two-party system, the functions, organizations and operation of parties.

Prerequisites

[Pol Sci 1200 or History 1300 or History 1310.](#) ~~Pol Sci 1200.~~

Field Trip

Statement

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

In Workflow

1. RHISTORY 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. CAT entry
11. Peoplesoft

Approval Path

1. 08/26/22 2:13 pm
Michael Bruening (bruening):
Approved for RHISTORY Chair
2. 08/30/22 1:37 pm
Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 08/30/22 1:41 pm
Petra Dewitt (dewittp):
Approved for Arts & Humanities

Required for Majors **No**

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

DSCC Chair

History

1. May 24, 2016 by
dewittp (2045.1)

Justification for
change:

The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters
previously
offered as an
experimental
course

Co-Listed
Courses:

Course Reviewer **jpnfd (08/30/22 12:49 pm):** Updated prereq format.
Comments

Key: 2045

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 2:23 pm

Viewing: **POL SCI 3760 : The American Presidency**

File: 1350.1

Last edit: 08/30/22 12:51 pm

Changes proposed by: dewittp

Programs referencing this course	PRE LAW-MI: Pre Law Minor PSYCH-BA: Psychology BA PSYCH-BS: Psychology BS MILSEC-CTU: UCT - Military and Security Studies
Other Courses referencing this course	<u>In The Catalog Description:</u> HISTORY 3760 : The American Presidency

Requested Effective Change Date	Spring 2023 Fall 18 Prereq Attribute Update
Department	History and Political Science
Discipline	Political Science (POL SCI)
Course Number	3760
Title	The American Presidency
Abbreviated Course Title	The American Presidency

Catalog Description	Historical development of the presidency; emphasis on the constitutional powers and limits of the office and the political contextual variables which influence presidential behavior.
Prerequisites	Pol Sci 1200 or History 1300 or History 1310.
Field Trip	

In Workflow

- RHISTORY Chair**
- CCC Secretary**
- Arts & Humanities DSCC Chair**
- Pending CCC Agenda post**
- CCC Meeting Agenda
- Campus Curricula Committee Chair
- FS Meeting Agenda
- Faculty Senate Chair
- Registrar
- CAT entry
- Peoplesoft

Approval Path

- 08/26/22 2:39 pm
Michael Bruening (bruening):
Approved for RHISTORY Chair
- 08/30/22 1:37 pm
Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
- 08/30/22 1:41 pm
Petra Dewitt (dewittp):
Approved for Arts & Humanities

Statement					DSCC Chair
Credit Hours	LEC: 3	LAB: 0	IND: 0	RSD: 0	Total: 3
Required for Majors	No				
Elective for Majors	<u>Yes</u> No				

Justification for change: The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters previously offered as an experimental course

Co-Listed Courses: HISTORY 3760 - The American Presidency

Course Reviewer Comments **jpnfd (08/30/22 12:51 pm):** Updated prereq format.

Key: 1350

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 2:32 pm

Viewing: **POL SCI 4320 : The Politics of Innovation Policy ~~for Science, Technology, and Innovation~~**

File: 4750.7

Last approved: 02/10/21 6:01 am

Last edit: 08/30/22 12:53 pm

Changes proposed by: dewittp

Programs referencing this course

- [WATERSC-MS: Water Science and Engineering MS](#)
- [TP&E-CTU: UCT - Technology, Philosophy, and Ethical Futures](#)
- [SCITEC-CTU: UCT - Science, Technology, and Society](#)

Requested [Spring 2023](#) ~~Fall 2024~~

Effective Change Date

Department History and Political Science

Discipline Political Science (POL SCI)

Course Number 4320

Title [The Politics of Innovation Policy for Science, Technology, and Innovation](#)

Abbreviated [Politics of Innovation Policy](#)

Course Title ~~for Sci and Tech~~

Catalog

Description

Do Google, Airbus, and Samsung owe their success to the wisdom and foresight of government actors? This course explores whether and how public policy can foster the advancement of science, technology, and innovation. The course analyzes and compares how national innovation systems have evolved and function in the United States, Europe, and Asia.

Prerequisites

Pol Sci 1200 or History [1100 or History 1200 or History 1300 or History](#) ~~or History 1310~~.

In Workflow

1. **RHISTORY 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. CAT entry
11. Peoplesoft

Approval Path

1. 08/26/22 2:39 pm Michael Bruening (bruening): Approved for RHISTORY Chair
2. 08/30/22 1:37 pm Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 08/30/22 1:41 pm Petra Dewitt (dewittp): Approved for Arts & Humanities

Field Trip
Statement

DSCC Chair

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

History

1. Feb 10, 2021 by
Patrick Gamez
(gamezp)

Required for Majors	No
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Elective for Majors	Yes
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Justification for
change:

The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses. We changed the title to better convey the content and character of the course to prospective students and others.

Semesters
previously
offered as an
experimental
course

Co-Listed
Courses:

Course Reviewer	jpnfd (08/30/22 12:53 pm): Updated prereq format.
Comments	

Key: 4750

[Preview Bridge](#)

Course Change Request

Date Submitted: 08/26/22 2:33 pm

Viewing: **POL SCI 4500 : Geopolitics and International Security**

File: 4583.3

Last approved: 02/04/19 5:03 am

Last edit: 08/30/22 12:55 pm

Changes proposed by: dewittp

Programs
referencing this
course

[WATERSC-MS: Water Science and Engineering MS](#)
[GEINTEL-CT: Geoanalytics and Geointelligence Certificate](#)
[MILSEC-CTU: UCT - Military and Security Studies](#)
[INTRCU-CTU: Intercultural Studies CTU](#)
[INTRCUL-CT: Intercultural Studies CT](#)

Requested

[Spring 2023](#) ~~Fall 2019~~

Effective Change
Date

Department

History and Political Science

Discipline

Political Science (POL SCI)

Course Number

4500

Title

Geopolitics and International Security

Abbreviated

International Security

Course Title

Catalog

Description

This course surveys seminal scholarship in the field of international security and explores its relevance to contemporary geopolitical issues. Specific topics addressed may include space security, nuclear security, and technological change in military affairs.

Prerequisites

Pol Sci 1200 or History [1100](#) or History 1200 [or History 1300](#) or History ~~or History~~

In Workflow

1. **RHISTORY 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. CAT entry
11. Peoplesoft

Approval Path

1. 08/26/22 2:39 pm
Michael Bruening (bruening):
Approved for
RHISTORY Chair
2. 08/30/22 1:37 pm
Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 08/30/22 1:42 pm
Petra Dewitt (dewittp):
Approved for Arts & Humanities

1310.					DSCC Chair
Field Trip Statement					History
Credit Hours Total: 3	LEC: 3	LAB: 0	IND: 0	RSD: 0	1. Feb 4, 2019 by Alanna Krolikowski (akro)
Required for Majors	No				
Elective for Majors	<u>Yes</u> No				

Justification for change: The department of History and Political Science is updating its prerequisite requirements for upper level humanities/social science courses so that students will be able to select from a variety of courses.

Semesters previously offered as an experimental course: N/A. Part of new certificate

Co-Listed Courses:

Course Reviewer **jpnfd (08/30/22 12:55 pm):** Updated prereq format.
Comments

Key: 4583

[Preview Bridge](#)

Program Change Request

Date Submitted: 08/02/22 3:54 pm

Viewing: **CHEMPRO-CT : Chemical Process Engineering CT**

File: 372.5

Last approved: 02/03/21 11:02 am

Last edit: 08/03/22 3:59 pm

Changes proposed by: jcwang

Catalog Pages Using this Program
[Chemical & Biochemical Engineering](#)

Start Term

Fall ~~2023~~ 2024

Program Code

CHEMPRO-CT

Department

Chemical and Biochemical Engineering

Title

Chemical Process Engineering CT

Program Requirements and Description

The graduate certificate in Chemical Process Engineering allows working professionals to add to skills relevant to their career while developing a deeper understanding of chemical engineering fundamentals.

The graduate certificate program is open to all individuals holding a bachelor's degree in chemical engineering or a closely allied discipline with an overall GPA of 3.0 or those holding a bachelor's degree in chemical engineering or a closely allied discipline with an overall GPA of 2.75 and having a minimum of one year of work experience.

Students admitted to the certificate program will have non-degree graduate status, but will earn graduate credit for the courses they complete. In order to receive a Graduate Certificate, the student must have an average graduate cumulative grade point of 3.0 or better on a 4.0 scale in the certificate courses taken.

If the four-course sequence approved by the graduate advisor is completed with a grade of B or better in each of the courses taken, the student will, upon application, be admitted to the Master of Science in Chemical Engineering program. The certificate courses taken by students admitted to the program will count towards the M.S. in Chemical Engineering program.

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. FS Meeting Agenda
8. Faculty Senate Chair
9. Registrar

Approval Path

1. 08/02/22 4:24 pm
Hu Yang (huyang):
Approved for
RCHEMENG Chair
2. 08/03/22 4:08 pm
Jennifer Pohlsander (jpnfd): Approved
for CCC Secretary
3. 08/30/22 11:27 am
Mark Fitch (mfitch):
Approved for
Engineering DSCC
Chair

History

1. Feb 3, 2021 by Jee C. Wang (jcwang)

Core Courses: Select two from the following courses		
CHEM ENG 5100	Intermediate Transport Phenomena	3
CHEM ENG 5110	Intermediate Chemical Reactor Design	3
CHEM ENG 5150	Intermediate Process Computing	3
CHEM ENG 5220	Intermediate Engineering Thermodynamics	3

Elective Courses: Select two additional 3-credit Chem Eng courses at the 5000 or 6000-level		
CHEM ENG 5120	Interfacial Phenomena In Chemical Engineering	3
CHEM ENG 5130	Risk Assessment and Reduction	3
CHEM ENG 5161	Intermediate Molecular Engineering	3
CHEM ENG 5170	Physical Property Estimation	3
CHEM ENG 5190	Plantwide Process Control	3
CHEM ENG 5200	Biomaterials I	3
CHEM ENG 5210	Intermediate Biochemical Reactors	3
CHEM ENG 5250	Isolation and Purification of Biologicals	3
CHEM ENG 5300	Principles Of Engineering Materials	3
CHEM ENG 5305	Hazardous Materials Management	3
CHEM ENG 5310	Structure and Properties of Polymers	3
CHEM ENG 5315	Corrosion and Its Prevention	3
CHEM ENG 5325	Carbon Capture Process Engineering	<u>3</u>
CHEM ENG 5320	Introduction to Nanomaterials	3
CHEM ENG 5330	Alternative Fuels	3
CHEM ENG 5340	Principles of Environmental Monitoring	3
CHEM ENG 5350	Environmental Chemodynamics	3
CHEM ENG 6100	Advanced Chemical Engineering Thermodynamics	3
CHEM ENG 6110	Advanced Transport Phenomena	3
CHEM ENG 6120	Applied Mathematics In Chemical Engineering	3
CHEM ENG 6140	Applied Optimization In Chemical Engineering	3
CHEM ENG 6150	Molecular Modeling and Simulation	3
CHEM ENG 6180	Advanced Applications of Computational Fluid Dynamics	3
CHEM ENG 6241	Intermediate Chemical Process Safety	3
CHEM ENG 6300	Biomaterials II	3
CHEM ENG 6310	Nanomaterials	3
CHEM ENG 6330	Physicochemical Operations In Environmental Engineering Systems	3

Justification for request

Supporting Documents

[Graduate Certificate Chemical Process Engineering.pdf](#)

[MS&T PC July 2020.pdf](#)

Course Reviewer Comments

jpndf (08/03/22 2:49 pm): Updated start term to Fall 2023

jpndf (08/03/22 3:59 pm): Chem Eng 5305 previously listed as 1 credit, corrected to 3 credits. Chem Eng 5325

Carbon Capture Process Engineering added to electives list. Both changes per dept. email.

Key: 372

Program Change Request

Date Submitted: 07/26/22 1:35 pm

Viewing: **CMPINTS-CT : Computational Intelligence**

File: 319.2

Last approved: 06/12/19 11:39 am

Last edit: 07/28/22 3:05 pm

Changes proposed by: stanleyj

Catalog Pages Using this Program

[Systems Engineering](#)

Start Term

Fall ~~2019~~ **2023**

Program Code

CMPINTS-CT

Department

Engineering Management and Systems Engineering

Title

Computational Intelligence

Program Requirements and Description

In Workflow

1. RENGMMGT 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

Approval Path

1. 07/26/22 3:11 pm
David Enke (enke):
Approved for
RENGMMGT Chair
2. 07/28/22 3:06 pm
Jennifer Pohlsander (jpnfd): Approved
for CCC Secretary
3. 08/05/22 1:20 pm
Mark Fitch (mfitch):
Approved for
Engineering DSCC
Chair

History

1. Jun 12, 2019 by
ershenb

Computational Intelligence Certificate

Recent advances in information technology and the increased level of interconnectivity that society has achieved through Internet and broadband communication technology created systems that are very much different. The world is facing an increasing level of systems integration leading towards systems of systems (SoS) that adapt to changing environmental conditions. The number of connections between components, the diversity of the components and the way the components are organized can lead to different emergent system behavior. Computational Intelligence tools are an integral part of these systems in enabling adaptive capability in their design and operation.

This graduate certificate program provides practicing engineers the opportunity to develop the necessary skills in the use and development of computational intelligence algorithms based on evolutionary computation, neural networks, fuzzy logic, and complex systems theory. Engineers can also learn how to integrate common sense reasoning with computational intelligence elective courses such as data mining and knowledge discovery.

Core Courses

COMP ENG 5310/ELEC ENG 5810/SYS ENG 5211	Computational Intelligence
Select one of the following:	
SYS ENG 5212/ELEC ENG 5820	Introduction to Neural Networks and Applications
COMP SCI 5400	Introduction To Artificial Intelligence
COMP SCI 5401	Evolutionary Computing
Select two of the following not taken as a core course:	
SYS ENG 5212/ELEC ENG 5820	Introduction to Neural Networks and Applications
ELEC ENG 5320	Neural Networks Control and Applications
COMP SCI 5400	Introduction To Artificial Intelligence
COMP SCI 5401	Evolutionary Computing
COMP SCI 6400	Advanced Topics In Artificial Intelligence
COMP SCI 6401	Advanced Evolutionary Computing
SYS ENG 6213	Deep Learning and Advanced Neural Networks
SYS ENG 6214/COMP ENG 6330/ELEC ENG 6830/STAT 6239/COMP SCI 6405	Clustering Algorithms
SYS ENG 6215/COMP ENG 6320/ELEC ENG 6360/MECH ENG 6458/AERO ENG 6458	Adaptive Dynamic Programming
SYS ENG 6216/COMP ENG 6302/COMP SCI 6402	Advanced Topics in Data Mining
COMP ENG 6310/ENG MGT 6410/COMP SCI 6202/MECH ENG 6447/AERO ENG 6447/SYS ENG 6217	Markov Decision Processes

Justification for request

There have been 3 Elec Eng course number changes that affect the course listings in the Computational Intelligence Graduate Certificate Program that need to be updated:

- 1) Sys Eng 5212 (Intro to Neural Networks and Applications) cross list change from Elec Eng 5370 to Elec Eng 5820
- 2) Comp Eng 5310 (Computational Intelligence) cross list change from Elec Eng 5310 to Elec Eng 5810 (Sys Eng 5211 remains the same)
- 3) Comp Eng 6330 (Clustering Algorithms) cross list change from Elec Eng 6340 to Elec Eng 6830 (other cross listed course numbers are the same)

Changes need to be made to the published Computational Intelligence Graduate Certificate Program as soon as possible to avoid confusion for students using to use the Elec Eng course equivalents in this certificate program.

Supporting Documents

Course Reviewer Comments

jpnfd (07/27/22 11:16 am): Updated Start Term to Fall 2023

jpnfd (07/28/22 3:05 pm): Per department email 7-28-22 the following co-listed courses previously missing from this certificate were added. 1.Clustering Algorithms- Comp Sci 6405 2.Adaptive Dynamic Programming- Mech Eng 6458 & Aero Eng 6458 3.Markov Decision Processes- Sys Eng 6217

Program Change Request

Date Submitted: 07/15/22 4:18 pm

Viewing: **MULTI-BA : Multidisciplinary Studies BA**

File: 103.10

Last approved: 05/02/22 1:31 pm

Last edit: 07/20/22 2:58 pm

Changes proposed by: peralal

Catalog Pages Using this Program

[Multidisciplinary Studies](#)

Start Term

Fall ~~2022~~ 2023

Program Code

MULTI-BA

Department

Arts, Languages, & Philosophy

Title

Multidisciplinary Studies BA

Program Requirements and Description

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

Approval Path

1. 07/18/22 11:20 am
Audra Merfeld-Langston (audram): Approved for RPHILOSO Chair
2. 08/03/22 3:53 pm
Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 08/03/22 4:36 pm
Petra Dewitt (dewittp): Approved for Arts & Humanities DSCC Chair

History

1. May 7, 2014 by Lahne Black (lahne)
2. Jun 11, 2014 by pantaleoa
3. Jul 21, 2015 by pantaleoa
4. May 2, 2022 by Monica Kasza (msp7h)

All students in the B.A. multidisciplinary studies program will complete the basics skills and concepts and general education requirements and generally comply with the requirements for the B.A. degree. However, in lieu of the traditional major and minor requirements, student will complete two (24 and 21 hours respectively) or three (15 hours each) focus area chosen from among the various disciplines offered at Missouri S&T. GPA requirements for each area are the same as those for major fields. B.A. multidisciplinary studies students will also complete a 3-hour capstone course ([ALP 4397](#)) that reflects the students' ability to synthesize methods and knowledge from each focus area into an academically coherent product.

Students design their multidisciplinary programs in coordination with a multidisciplinary studies advisor in the department of arts, languages, and philosophy. For each program, the advisor will work with the student to convene and chair a degree committee consisting of one faculty member from each focus area. Student in the program are expected to develop a sensible rationale for their course of study, justifying both the combination of disciplines and each course chosen within that combination in the context of their own needs and interests. Individual programs and capstone course activities are subject to approval of the degree committee.

French Language and French-Speaking Cultures Emphasis Area

The B.A. in Multidisciplinary Studies with an emphasis on French Language and French-Speaking Cultures consists of 30 [language credits](#) [language credits](#) plus 15 credits in a third [focus content](#) area. [Focus Content](#) Area 1 is French Language, [Focus Content](#) Area 2 is French-Speaking Cultures. At least 18 of the 30 credit hours must be at least the 3000 or 4000 [level](#). [level](#).

[Focus Content](#) Area 1: French Language, 15 credits, selecting from the list below. At least 6 of these credits must be at the 3000 or 4000 level.

FRENCH 1180	Intermediate French	4
FRENCH 2110	Basic French Conversation	3
FRENCH 2180	Basic French Composition	3
FRENCH 2330	Introduction to Professional French	3
FRENCH 4311	Advanced French Conversation	3
FRENCH 4330	Professional French	3
FRENCH 4340	French for Engineering	3

[Focus Content](#) Area 2: French-Speaking Cultures, 15 credits selecting from the list below. At least 12 of these credits must be at the 3000 or 4000 level.

FRENCH 2330	Introduction to Professional French	3
FRENCH 2170	Masterpieces Of French Literature	3
FRENCH 3010	The Francophone World	3
FRENCH 3020	Contemporary French and Francophone Literature	3
FRENCH 3370	Survey Of French Literature I (Early Period)	3
FRENCH 3375	Survey Of French Literature II (Modern Period)	3
FRENCH 4320	French and Francophone Cinema	3
FRENCH 4330	Professional French	3
FRENCH 4360	French Culture And Civilization	3

Additional coursework may count toward language [focus content](#) areas with advisor approval. These include:

FRENCH 3000	Special Problems	0-6
FRENCH 3001	Special Topics	0-6
FRENCH 4000	Special Problems	0-6
FRENCH 4001	Special Topics	0-6
FRENCH 4010	Seminar	0-6
Courses taken in French during study abroad		

Spanish Language and Spanish-Speaking Cultures Emphasis Area

The B.A. in Multidisciplinary Studies with an emphasis on Spanish Language and Spanish-Speaking Cultures consists of 30 language credits plus 15 credits in a third [focus content](#) area. [Focus Content](#) Area 1 is Spanish Language. [Focus Content](#) Area 2 is Spanish-Speaking Cultures. At least 18 of the 30 credit hours must be at the 3000 or 4000 level.

[Focus Content](#) Area 1: Spanish Language, 15 credits, selecting from the list below. At least 6 of these credits must be at the 3000 or 4000 level.

SPANISH 1180	Intermediate Spanish	4
SPANISH 2110	Basic Spanish Conversation	3
SPANISH 2180	Intermediate Spanish Composition	3

SPANISH 2330	Introduction to Professional Spanish	3
SPANISH 3100	Spanish Translation for Technical Applications	3
SPANISH 4302	Phonetics and Phonology of Spanish	3
SPANISH 4311	Advanced Spanish Conversation	3
SPANISH 4330	Professional Spanish	3

Focus Content Area 2: Spanish-Speaking Cultures, 15 credits, selecting from the list below. At least 12 of these credits must be at the 3000 or 4000 level.

SPANISH 2160	Hispanic Culture	3
SPANISH 2161	Contemporary Latin America	3
SPANISH 2170	Masterpieces Of Hispanic Literature	3
SPANISH 2330	Introduction to Professional Spanish	3
SPANISH 4330	Professional Spanish	3
SPANISH 4350	Spanish Literature, Science, and Technology	3
SPANISH 4370	Survey Of Spanish Literature	3
SPANISH 4377	Spanish-American Novel And Short Story	3

Additional coursework may count toward language **focus emphasis** areas with the approval of the student's advisor. These include:

SPANISH 3000	Special Problems	0-6
SPANISH 3001	Special Topics	0-6
SPANISH 4000	Special Problems	0-6
SPANISH 4001	Special Topics	0-6
SPANISH 4010	Seminar	1-3
Courses taken in Spanish during study abroad		

Global Engineering Emphasis Area

This emphasis area is meant to distinguish the accomplishments of and provide further credentials for students who complete the entirety of Missouri S&T's Global Engineering Program. The requirements for the Global Engineering emphasis area are as follows:

- Completion of one of the above emphasis areas, namely,
 - French Language and French-Speaking Cultures, or
 - Spanish Language and Spanish-Speaking Cultures
- Completion of a B.S. in an engineering discipline
- Completion of at least one semester abroad in an area where the target language (French or Spanish) is spoken
- Completion of a one-semester professional internship or research assistantship abroad in an area where the target language is spoken

Justification for request

Adding global engineering emphasis area.

Supporting Documents

[Department of Education Emphasis Area Approval.pdf](#)

[Program Change \(PC\) Form BAMS emphasis areas.docx](#)

[Multidisciplinary Studies BA emphasis Global Engineering.pdf](#)

[MS&T PC May 2022.pdf](#)

Course Reviewer Comments

audram (07/18/22 11:19 am): Corrected text under "French Language..." area and changed all instances of "Content Area" to "Focus Area".

esdk3 (07/20/22 2:58 pm): updated term to FS23 7.20.22 -es

Course Change Request

New Experimental Course Proposal

Date Submitted: 06/09/22 11:36 am

Viewing: **BIO SCI 4001.008 : Herpetology**

File: 4881

Last edit: 07/01/22 11:04 am

Changes proposed by: niyogid

Requested	Spring 2023
Effective Change Date	
Department	Biological Sciences
Discipline	Biological Sciences (BIO SCI)
Course Number	4001
Topic ID	008
Experimental Title	Herpetology
Experimental Abbreviated Course Title	Herpetology
Instructors	Kenton Lohraff (adjunct instructor)

Experimental Catalog Description

An introduction to evolutionary relationships, ecology, morphology, physiology and behavior of amphibians and reptiles, with emphasis on local fauna. There will be field collecting trips scheduled in the second half of the semester, and students will be required to attend them.

Prerequisites

Bio Sci 1113 or Bio Sci 1213 or Bio Sci 1223.

Field Trip

Statement

Field trips are required. Trips will be 2-3 hours long and will be scheduled during

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. CAT entry
8. Registrar

Approval Path

1. 06/09/22 12:18 pm
David Duvernell (duverneld): Approved for RBIOLSCI Chair
2. 07/01/22 11:19 am
Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 08/04/22 12:26 pm
Katie Shannon (shannonk): Approved for Sciences DSCC Chair

class time or on weekends. Students are responsible for driving themselves or carpooling with other students to local sites.

Credit Hours	LEC: 3	LAB: 0	IND: 0	RSD: 0	Total: 3
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Justification for new course: A substantial number of BioSci majors at S&T are interested in conservation careers, and this class will be a good opportunity for relevant training.

Semester(s) previously taught: None

Co-Listed Courses:

Course Reviewer
Comments

Key: 4881

[Preview Bridge](#)

Course Change Request

New Experimental Course Proposal

Date Submitted: 08/17/22 9:41 am

Viewing: **COMP ENG 5001.004 : Introduction to Blockchain Engineering**

File: 4886

Last edit: 09/06/22 2:16 pm

Changes proposed by: stanleyj

Requested	Spring 2023
Effective Change Date	
Department	Electrical and Computer Engineering
Discipline	Computer Engineering (COMP ENG)
Course Number	5001
Topic ID	004
Experimental Title	Introduction to Blockchain Engineering
Experimental Abbreviated Course Title	Intro Blockchain Eng
Instructors	Minsu Choi

Experimental

Catalog

Description

Introduction to blockchain engineering including cryptographic hash, public/private-key cryptography, web app framework, immutable ledger, distributed P2P network, mining, distributed consensus protocol, Byzantine fault tolerance, proof of work/stake, blockchain transactions, smart contract, decentralized applications (Dapps) and NFT (Non-Fungible Token).

Prerequisites Comp Eng 2210 and Comp Sci 1500 (or equivalent Python programming experience).
Junior standing.

In Workflow

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

Approval Path

1. 08/17/22 9:59 am
Jonathan Kimball (kimballjw):
Approved for RELECENG Chair
2. 08/30/22 8:09 am
Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 09/06/22 2:16 pm
Mark Fitch (mfitch):
Approved for Engineering DSCC Chair

Field Trip
Statement

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

Justification for new course: There is an increasing demand in learning engineering aspects of blockchain technologies. This course will be the first one teaching both software and hardware engineering concepts used in modern blockchain technologies in the UM system.

Semester(s)
previously taught

Co-Listed
Courses:

Course Reviewer **jpnfd (08/29/22 10:16 am):** Removed "equivalent" from prereq, not necessary.
Comments **jpnfd (08/29/22 10:22 am):** Prereq format changed CpE to Comp Eng
 mfitch (09/06/22 2:16 pm): Edited Python requirement to CS 1500 per ECE's request.

Key: 4886

[Preview Bridge](#)

Course Change Request

New Experimental Course Proposal

Date Submitted: 07/29/22 5:01 pm

Viewing: **ENGLISH 3001.011 : Advanced Creative Writing**

File: 4885

Last edit: 08/03/22 4:34 pm

Changes proposed by: kswenson

Requested	Spring 2023
Effective Change Date	
Department	English and Technical Communication
Discipline	English (ENGLISH)
Course Number	3001
Topic ID	011

Experimental
Title

Advanced Creative Writing

Experimental Adv Creative Writing

Abbreviated

Course Title

Instructors Karen Head

Experimental

Catalog

Description

The purpose of this course is to provide an opportunity to develop and refine works of fiction, creative nonfiction, or poetry, along with an introduction to publishing.

This is an advanced workshop course requiring students to both produce and revise work of their own and critique works by others.

Prerequisites

English 1170 or permission of instructor.

Field Trip

Statement

In Workflow

1. **RENGLISH Chair**
2. **CCC Secretary**
3. **Arts & Humanities DSCC Chair**
4. **Pending CCC Agenda post**
5. CCC Meeting Agenda
6. Campus Curricula Committee Chair
7. CAT entry
8. Registrar

Approval Path

1. 07/29/22 5:02 pm
Kristine Swenson (kswenson):
Approved for
RENGLISH Chair
2. 08/03/22 2:46 pm
Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 08/03/22 4:34 pm
Petra Dewitt (dewittp):
Approved for Arts & Humanities DSCC Chair

Credit Hours	LEC: 3	LAB: 0	IND: 0	RSD: 0	Total: 3
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Justification for new course: ETC has three lower-level creative writing courses that fill well but lack an upper-division course for more in-depth work in the discipline.

Semester(s) previously taught N/A

Co-Listed Courses:

Course Reviewer **jpnfd (08/03/22 12:56 pm):** Standardized prerequisite format

Comments **jpnfd (08/03/22 1:05 pm):** Updated Topic I.D.

dewittp (08/03/22 4:34 pm): updated description

Key: 4885

[Preview Bridge](#)

Course Change Request

New Experimental Course Proposal

Date Submitted: 08/09/22 2:42 pm

Viewing: **MECH ENG 5001.007 : Machine Learning for Manufacturing Automation**

File: 4887

Last edit: 08/22/22 9:52 am

Changes proposed by: nisbett

Requested	Spring 2023
Effective Change Date	
Department	Mechanical & Aerospace Engineering
Discipline	Mechanical Engineering (MECH ENG)
Course Number	5001
Topic ID	007
Experimental Title	Machine Learning for Manufacturing Automation
Experimental Abbreviated Course Title	Machine Learning Manuf
Instructors	Dr. K. Krishnamurthy

Experimental

Catalog

Description

Principles of machine learning, machine learning techniques (support vector machines, regression analysis, recurrent and convolution neural networks, autoencoders), applications (anomaly detection, computer vision, robotics)

Prerequisites

Mech Eng 4479 or Mech Eng 5313 or Aero Eng 3361 or Aero Eng 5313; Comp Sci 1972

Field Trip

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. CAT entry
8. Registrar

Approval Path

1. 08/09/22 2:52 pm
David Bayless (djbkqf):
Approved for RMECHENG Chair
2. 08/30/22 1:36 pm
Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 09/09/22 4:10 pm
Mark Fitch (mfitch):
Approved for Engineering DSCC Chair

Statement

Credit Hours	LEC: 3	LAB: 0	IND: 0	RSD: 0	Total: 3
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Justification for new course: This course covers a current and fast growing topic in manufacturing automation.

Semester(s) previously taught: None

Co-Listed Courses: AERO ENG 5001 - Special Topics

Course Reviewer
Comments

Key: 4887

[Preview Bridge](#)

Course Change Request

New Experimental Course Proposal

Date Submitted: 07/26/22 10:12 am

Viewing: **RUSSIAN 4001.001 : Russian Fairy Tales as a Cultural Phenomenon**

File: 4884

Last edit: 08/03/22 1:20 pm

Changes proposed by: peralal

Requested	Spring 2023
Effective Change Date	
Department	Arts, Languages, & Philosophy
Discipline	Russian (RUSSIAN)
Course Number	4001
Topic ID	001
Experimental Title	Russian Fairy Tales as a Cultural Phenomenon
Experimental Abbreviated Course Title	Russian Fairy Tales
Instructors	Irina Ivliyeva

Experimental Catalog Description

The course introduces a wide selection of Russian fairy tales, presents a broad spectrum of approaches to the interpretation of fairy tales, and examines the aesthetic, social, and psychological values that they reflect. Students will develop or enhance their understanding of the continuing cultural influence of fairy tales in literature and in arts.

Prerequisites Any 1000 or higher level History course or any 1000 or higher level English course.

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. CAT entry
8. Registrar

Approval Path

1. 08/01/22 4:17 pm
Audra Merfeld-Langston (audram): Approved for RPHILOSO Chair
2. 08/03/22 2:47 pm
Jennifer Pohlsander (jpnfd): Approved for CCC Secretary
3. 08/03/22 4:37 pm
Petra Dewitt (dewittp): Approved for Arts & Humanities DSCC Chair

Field Trip
Statement

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

Justification for new course: Folk beliefs are a rich and enduring component of Russian culture (or any culture).
This course will expand the upper level humanities offerings and make it available to the entire campus.

The course will be offered in English (no knowledge of Russian is required).
Students who take this course may be motivated to continue studying the Russian language and increase the enrollment in Elementary Russian I.

Semester(s) previously taught None

Co-Listed Courses:

Course Reviewer **audram (08/01/22 4:17 pm):** Added English 1XXX courses as acceptable prerequisite
Comments **jpnfd (08/03/22 1:16 pm):** Standardized prerequisite format
 jpnfd (08/03/22 1:20 pm): Updated topic I.D. number

Key: 4884

[Preview Bridge](#)