Course Change Request

Date Submitted: 07/18/17 10:23 am

Viewing: BUSN 403 : Transformational Leader Portfolio Personal Competency Assessment

Last edit: 07/27/17 11:50 am

Changes proposed by: burban91

Catalog Pages referencing this course

- BUSN - Mays Business School (BUSN)

Programs referencing this course

- BS-USBU-BUS*: University Studies - BS, Business Concentration

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bailey Urban</td>
<td><a href="mailto:burban@mays.tamu.edu">burban@mays.tamu.edu</a></td>
<td>5127208439</td>
</tr>
</tbody>
</table>

Rationale for Course

Edit

Other

Explain other rationale

Course name and description are changed is to clearly communicate alignment of BUSN 403 with Mays Strategic Plan (2017).

Course prefix BUSN Course number 403

Department College of Business

College/School Mays Business School

Academic Level Undergraduate

Undergraduate course level justification (Select One)

- Graduate

Effective term 2018-2019

Complete Course Title

Transformational Leader Portfolio Personal Competency Assessment

Abbreviated Course Title

TRANSFORM LEADER PORTFOLIO PERS COMPETENCY ASSESSMT

Catalog course description

Self-assessment of development as a Mays Transformational Leader (MTL): all core business competencies including communication, problem solving, management and leadership, ethical decision making, team work, compilation and evaluation of evidence of Mays Transformational Leadership mindsets, competencies and business acumen; competencies; preparation of competency portfolio; creation of professional development plan.

Prerequisites and Restrictions

Junior (busn 305, junior or senior classification or approval of instructor.

Concurrent Enrollment No

Should catalog prerequisites / concurrent enrollment be enforced? No

Crosslistings No

Stacked No

Contact Hour(s) Lecture: 3 Lab: 0 Other: 0 Total 3

In Workflow

1. CLBA Department Head UG

2. Curricular Services Review

3. BA Committee Preparer UG

4. BA Committee Chair UG

5. BA College Dean UG

6. UCC Preparer

7. UCC Chair

8. Faculty Senate Preparer

9. Faculty Senate

10. Provost II

11. President

12. Curricular Services

13. Banner

Approval Path

1. 07/18/17 10:29 am Nancy Simpson (n-simpson): Approved for CLBA Department Head UG

2. 07/25/17 10:54 am Sandra Williams (sandra-williams): Approved for Curricular Services Review

3. 07/25/17 11:06 am Michelle Diaz (michellediaz): Approved for BA Committee Preparer UG

4. 08/23/17 12:24 pm Michelle Diaz (michellediaz): Approved for BA Committee Chair UG

5. 08/23/17 2:17 pm Martha Loudner (mloudner): Approved for BA College Dean UG

6. 09/04/17 3:16 pm Sandra Williams (sandra-williams): Approved for UCC Preparer

7. 10/06/17 4:09 pm Sandra Williams (sandra-williams): Approved for UCC Chair
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<td>Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)</td>
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<td>Required (select program)</td>
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**Course Syllabus**

<table>
<thead>
<tr>
<th>Syllabus:</th>
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<td>Upload syllabus</td>
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<td>Letters of support or other documentation</td>
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<td>Additional information</td>
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<td>Reviewer Comments</td>
<td>Sandra Williams (sandra-williams) (07/13/17 3:12 pm): Rollback: Please reference email for comments. Sandra Williams (sandra-williams) (07/25/17 10:54 am): Although we know what &quot;Mays&quot; stands for, shouldn't the catalog course description include the complete name of the school (Mays Business School)? Sandra Williams (sandra-williams) (10/06/17 4:09 pm): UCC approved October 2017.</td>
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Key: 2672
Course Change Request

Date Submitted: 09/14/17 9:47 am

Viewing: CHEM 222 : Elements of Organic and Biological Chemistry

Last edit: 09/21/17 7:34 pm

Changes proposed by: hgaede

Catalog Pages referencing this course:
- ANSC - Animal Science
- ANSC - Animal Science (ANSC)
- BAEN - Biological & Ag Engr (BAEN)
- BICH - Biochemistry (BICH)
- CHEM - Chemistry (CHEM)
- CVEN - Civil Engineering
- Department of Animal Science
- Department of Atmospheric Science
- Department of Chemical Engineering
- Department of Civil Environmental and Architectural Engineering
- Department of Electrical and Computer Engineering
- Department of Mechanical Engineering
- Department of Physics
- Department of Soil and Water Science
- Department of Vertebrate Zoology

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
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<tbody>
<tr>
<td>Holly Gaede</td>
<td><a href="mailto:hgaede@tamu.edu">hgaede@tamu.edu</a></td>
<td>845-0520</td>
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</table>

Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix CHEM  
Course number 222  
Department Chemistry  
College/School Science  
Academic Level Undergraduate  
Undergraduate course level justification (Select One) 

Prerequisites

All prerequisites will be enforced through COMPASS.

Academic Level Graduate (alternate)  
Effective term 2018-2019  

Complete Course Title Elements of Organic and Biological Chemistry  
Abbreviated Course Title ELEM OF ORG & BIOL CHEM  

Catalog course description

Organic chemistry and its applications to biological and agricultural chemistry, including chemistry of functional groups, acid-base and redox chemistry, stereochemistry and chemistry of important biological compounds. Not to be used as the basis for further study in organic chemistry or biochemistry.

Prerequisites and Restrictions

CHEM 101, CHEM 103, or CHEM 107.  

Concurrent Enrollment No  

Should catalog prerequisites / concurrent enrollment be enforced? Yes  

Enforced Prerequisites / Concurrent Enrollment

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This will be a required course or an elective course for the following programs:

- Required (select program)
- Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

**Course Syllabus**

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation: No

Additional information: This request updates the catalog language to reflect the actual enforced prerequisites.


Reported to state? No
Course Change Request

Date Submitted: 08/17/17 1:23 pm

Viewing: ECMT 463 : Introduction to Econometrics

Last approved: 08/15/17 3:18 am
Last edit: 08/21/17 8:49 am

Changes proposed by: kfelpel

Catalog Pages referencing this course
- Department of Economics
  - ECMT - Econometrics (ECMT)
  - ECON - Economics (ECON)

Programs referencing this course
- BS:ECON - Economics - BS
- BS/MIA-ECON/INTA-BIA: Economics - 5-Year Bachelor of Science/Master of International Affairs
- BS/MPS-ECON/PSAA-BPS: Economics - 5-Year Bachelor of Science/Master of Public

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kurt Felpe</td>
<td><a href="mailto:kfelpel@tamu.edu">kfelpel@tamu.edu</a></td>
<td>979-845-9953</td>
</tr>
<tr>
<td>Sandra Williams</td>
<td><a href="mailto:sandra.williams@tamu.edu">sandra.williams@tamu.edu</a></td>
<td></td>
</tr>
</tbody>
</table>

Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Course prefix ECMT  Course number  463

Department  Economics

College/School  Liberal Arts

Academic Level  Undergraduate

Undergraduate course level justification (Select One)

Academic Level
- Graduate

Effective term 2018-2019

Complete Course Title
Introduction to Econometrics

Abbreviated Course Title
INTRO TO ECONOMETRICS

Catalog course description

Application of mathematics and statistics to interpret economic phenomena; elementary econometric models and estimation techniques useful for estimating economic relationships and theories.

Prerequisites and Restrictions

Grade of C in INTA 209, ECON 373L, MATH 131, or better in ECON 323; Grade of C in MATH 142, STAT 211, or better in ECMT 461, STAT 211 or STAT 303.

Concurrent Enrollment

No

Should catalog prerequisites / concurrent enrollment be enforced?

Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
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</table>

Approval Path

1. 08/18/17 9:17 am
   Timothy Gronberg
   (tgronberg): Approved for ECON Department Head

2. 08/21/17 8:49 am
   Sandra Williams
   (sandra.williams): Approved for Curricular Services Review

3. 08/22/17 11:53 am
   Penny Boice (pboice): Approved for LA Committee Preparer UG

4. 09/12/17 3:23 pm
   Steve Oberhelman (s-oberhelman): Approved for LA Committee Chair UG

5. 09/12/17 3:30 pm
   Steve Oberhelman (s-oberhelman): Approved for LA College Dean UG

6. 09/13/17 7:26 pm
   Sandra Williams (sandra-williams): Approved for UCC Preparer

7. 10/08/17 12:55 pm
   Sandra Williams (sandra-williams): Approved for UCC Chair

History

1. Aug 15, 2017 by Sandra Williams (sandra-williams)
**Course Syllabus**

Syllabus: Upload syllabus

Letter of support or other documentation: No

Additional information: None

Reported to state?  
No
Course Change Request

Date Submitted: 08/11/17 10:21 am

Viewing: ECMT 475 : Economic Forecasting
Last edit: 08/13/17 6:58 pm
Changes proposed by: kfelpel

Catalog Pages referencing this course
ECMT - Econometrics (ECMT)

Programs referencing this course
- BS-ECON: Economics - BS
- BS/MIA-ECON/INTA-BIA: Economics - 5-Year Bachelor of Science/Master of International Affairs
- BS/MPS-ECON/PSAA-BPS: Economics - 5-Year Bachelor of Science/Master of Public

Faculty Senate Number

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<td>Kurt Felpel</td>
<td><a href="mailto:kfelpel@tamu.edu">kfelpel@tamu.edu</a></td>
<td>979-845-9953</td>
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</tbody>
</table>

Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix ECMT Course number 475
Department Economics
College/School Liberal Arts
Academic Level Undergraduate
Undergraduate course level justification (Select One)

Effective term 2018-2019
Complete Course Title Economic Forecasting
Abbreviated Course Title ECONOMIC FORECASTING

Catalog course description
Econometric approach to prediction and forecasting; data mining and in-sample overfitting; exploratory data analysis; model selection; recursive techniques; structural change; nonlinear models; causality; forecast evaluation and combination; practical issues in real-world prediction and forecasting.

Prerequisites and Restrictions
ECMT 463 with a grade of C or better; junior or senior classification.

Concurrent Enrollment
No
Should catalog prerequisites / concurrent enrollment be enforced?
Yes

Enforced Prerequisites / Concurrent Enrollment

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Crosslistings
No
Crosslisted With

Stacked
No
Stacked with

3 Contact Hour(s) (per week):
Lecture: 3 Lab: 0 Other: 0 Total: 3
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</table>

**Course Syllabus**

- Syllabus: [Upload syllabus](#)
- Letters of support or other documentation: No
- Additional information
- Reviewer Comments:
  - Sandra Williams (sandra-williams) (07/25/17 1:25 pm): Adjusted workflow. Request is only for enforcement of existing prerequisites.
  - Sandra Williams (sandra-williams) (07/26/17 3:54 pm): Rollback: Returning to department as requested.
  - Sandra Williams (sandra-williams) (08/10/17 10:35 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ECMT 463").
- Reported to state? No

---

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/4452/index.html... 10/30/2017
Course Change Request

Date Submitted: 08/11/17 9:39 am

Viewing: **ECON 311: Money and Banking**

Last edit: 08/13/17 7:00 pm

Changes proposed by: kfelpel

<table>
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<td>Department of Economics</td>
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<td>ECON - Economics (ECON)</td>
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<td>BS-AGBU: Agribusiness - BS</td>
</tr>
<tr>
<td>BS-AGEC-FMB+: Agricultural Economics - BS, Food Marketing Systems Option</td>
</tr>
<tr>
<td>BS-AGEC-PEA+: Agricultural Economics - BS, Policy and Economic Analysis Option</td>
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<td>979-845-9953</td>
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Rationale for Course

**Edit**

The proposed changes are part of a routine curriculum review.

Course prefix ECON

Course number 311

Department Economics

College/School Liberal Arts

Academic Level Undergraduate

Undergraduate course level justification (Select One)

Academic Level (alternate) Graduate

Effective term 2018-2019

Complete Course Title Money and Banking

Abbreviated Course Title MONEY & BANKING

Catalog course description

Fundamental principles of money, credit, and banking; arbitrage conditions in domestic and international capital markets; theoretical and institutional analysis of money markets.

Prerequisites and Restrictions

**ECON 203 with a grade of C or better. ECON 203.**

Concurrent Enrollment No

Should catalog prerequisites / concurrent enrollment be enforced? Yes

Enforced Prerequisites / Concurrent Enrollment

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Crosslistings No Crosslisted With

Stacked No Stacked with

3 Contact Hour(s) (per week):

Lecture: 3  Lab: 0  Other: 0  Total: 3
| **Semester** |  |
| **Credit** |  |
| **Hour(s)** |  |
| Repeatable for credit? | No |
| Three-peat? | No |
| **CIP/Fund Code** | 4506010001 |
| **Default Grade Mode** | Letter Grade (G) |
| **Alternate Grade Modes** | Satisfactory/Unsatisfactory |
| **Method of instruction** | Lecture |
| **Will sections of this course be taught as non-traditional?** (i.e., parts of term, distance education) | No |
| **Will this course be taught as a distance education course?** | No |
| **Is 100% of this course going to be taught in Texas?** | Yes |
| **Will classroom space be needed for this course?** | Yes |

This will be a required course or an elective course for the following programs:

- **Required (select program)**
- **Elective (select program)**

**Has/will this course be (en) submitted for core curriculum consideration?** No

**Has/will this course be (en) submitted for Writing or Communication consideration?** No

**Has/will this course be (en) submitted for ICD consideration?** No

---

### Course Syllabus

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation: No

Additional information

**Reviewer Comments**

Sandra Williams (sandra-williams) (07/25/17 1:27 pm): Adjusted workflow. Request is only for enforcement of existing prerequisites.

Sandra Williams (sandra-williams) (07/26/17 3:54 pm): Rollback: Returning to department as requested.

Sandra Williams (sandra-williams) (08/10/17 10:34 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ECON 203").


Reported to state? No
Course Change Request

Date Submitted: 08/11/17 9:40 am

Viewing: **ECON 312 : Poverty, Inequality and Social Policy**

**Last edit:** 08/15/17 7:48 pm

Changes proposed by: kfelpel

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<th>Contact(s)</th>
<th>E-mail</th>
<th>Phone</th>
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<tbody>
<tr>
<td>Kurt Felpel</td>
<td><a href="mailto:kfelpel@tamu.edu">kfelpel@tamu.edu</a></td>
<td>979-845-9953</td>
</tr>
</tbody>
</table>

**Rationale for Course**

**Edit**

The proposed changes are part of a routine curriculum review.

**Course prefix** ECON 312

**Department** Economics

**College/School** Liberal Arts

**Academic Level** Undergraduate

Undergraduate course level justification (Select One)

- Graduate

**Effective term** 2018-2019

**Complete Course Title** Poverty, Inequality and Social Policy

**Abbreviated Course Title** POVERTY & INEQUALITY

**Catalog course description**

Determinants of inequality in market earnings; philosophical and economic reasons for redistributing income; issues in measurement of inequality and poverty; examination of major social insurance and welfare programs and how they affect income distribution and performance of the economy.

**Prerequisites and Restrictions**

ECON 323 with a grade of C or better. concurrent enrollment.

**Concurrent Enrollment** No

Should catalog prerequisites / concurrent enrollment be enforced? Yes

**Enforced Prerequisites / Concurrent Enrollment**

<table>
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<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>Concurrency?</th>
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**Crosslistings**

No

**Stacked**

No

**Contact Hour(s)**

3 (per week):

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<tbody>
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</tbody>
</table>

**Approval Path**

1. **08/11/17 4:26 pm**
   Timothy Gronberg (tgronberg): Approved for ECON Department Head

2. **08/15/17 7:33 pm**
   Sandra Williams (sandra williams): Approved for Curricular Services Review

3. **08/16/17 7:44 am**
   Penny Boice (pboice): Approved for LA Committee Preparer UG

4. **09/12/17 3:23 pm**
   Steve Oberhelman (s-oberhelman): Approved for LA Committee Chair UG

5. **09/12/17 3:30 pm**
   Steve Oberhelman (s-oberhelman): Approved for LA College Dean UG

6. **09/13/17 7:26 pm**
   Sandra Williams (sandra-williams): Approved for UCC Preparer

7. **10/08/17 12:57 pm**
   Sandra Williams (sandra-williams): Approved for UCC Chair

**Catalog Pages**

referencing this course

- Department of Economics: ECON - Economics (ECON)
- International and Cultural Diversity Requirements
- CERT-CU10: Comparative Study of National Politics - Certificate
- CERT-CU33: International Relations - Certificate
- CERT-CU36: Latin American Business - Certificate

**Programs referencing this course**

- CERT: CU10: Comparative Study of National Politics
- CERT: CU33: International Relations
- CERT: CU36: Latin American Business

**Faculty Senate Number**

- 9. Faculty Senate
- 10. Provost II
- 11. President
- 12. Curricular Services
- 13. Banner
Semester
Credit
Hour(s)
Repeatable for credit? No
Three-peat? No
CIP/Fund Code 4506010001
Default Grade Mode Letter Grade(G)
Alternate Grade Modes Satisfactory/Unsatisfactory
Method of instruction Lecture
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No
Will this course be taught as a distance education course? No
Is 100% of this course going to be taught in Texas? Yes
Will classroom space be needed for this course? Yes
This will be a required course or an elective course for the following programs:
Required (select program)
Elective (select program)
Has/will this course be (en) submitted for core curriculum consideration? No
Has/will this course be (en) submitted for Writing or Communication consideration? No
Has/will this course be (en) submitted for ICD consideration? No

Course Syllabus

Syllabus: Upload syllabus
Upload syllabus

Letters of support or other documentation
No

Additional information

Reviewer Comments Sandra Williams (sandra-williams) (07/25/17 1:30 pm): Adjusted workflow. Request is only for enforcement of existing prerequisites.
Sandra Williams (sandra-williams) (07/26/17 3:54 pm): Rollback: Returning to department as requested.
Sandra Williams (sandra-williams) (08/10/17 10:36 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ECON 323"). Also, you are removing concurrent enrollment in the catalog prerequisites but not the enforced prerequisites.

Reported to state? No
Course Change Request

Date Submitted: 08/11/17 9:40 am

Viewing: ECON 315 : Sports Economics
Last edit: 08/15/17 7:49 pm
Changes proposed by: kfelpel

Catalog Pages referencing this course
Department of Economics
ECON - Economics (ECON)
Programs referencing this course
CERT-CUS: Business Economics - Certificate

Faculty Senate Number

Contact(s)
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</table>

Rationale for Course
Edit

The proposed changes are part of a routine curriculum review.

Course prefix ECON Course number 315
Department Economics
College/School Liberal Arts
Academic Level Undergraduate
Undergraduate course level justification (Select One)

Academic Level (alternate) Graduate
Effective term 2018-2019

Complete Course Title Sports Economics
Abbreviated Course Title SPORTS ECONOMICS

Catalog course description
Application of economic concepts to the business and practice of sports; taxpayer funding of stadiums; applications of game
theory to sports; impact of imperfect information; pricing strategies; testing models of discrimination in sports markets.

Prerequisites and Restrictions
ECON 202 with a grade of C or better. ECON 202.

Concurrent Enrollment No
Should catalog prerequisites / concurrent enrollment be enforced? Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
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Crosslistings No Crosslisted With
Stacked No Stacked with

Contact Hour(s) 3
Lecture: 3 Lab: 0 Other: 0 Total: 3

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/4493/index.ht... 10/30/2017
Semester Credit Hour(s)
Repeatable for credit? No
Three-peat? No
CIP/Fund Code 4506010001
Default Grade Mode Letter Grade(G)
Alternate Grade Modes Satisfactory/Unsatisfactory
Method of instruction Lecture
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No
Will this course be taught as a distance education course? No
Is 100% of this course going to be taught in Texas? Yes
Will classroom space be needed for this course? Yes
This will be a required course or an elective course for the following programs:
Required (select program)
Elective (select program)
Has/will this course be (en) submitted for core curriculum consideration? No
Has/will this course be (en) submitted for Writing or Communication consideration? No
Has/will this course be (en) submitted for ICD consideration? No

Course Syllabus

Syllabus: Upload syllabus
Upload syllabus

Letters of support or other documentation
No

Additional information

Reviewer Comments
Sandra Williams (sandra-williams) (07/25/17 1:34 pm): Adjusted workflow. Request is only for enforcement of existing prerequisites.
Sandra Williams (sandra-williams) (07/26/17 3:55 pm): Rollback: Returning to department as requested.
Sandra Williams (sandra-williams) (08/10/17 10:36 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ECON 202").

Reported to state? No
Course Change Request

Date Submitted: 08/11/17 9:41 am

Viewing: ECON 320 : Economic Development of Europe

Last edit: 08/15/17 7:44 pm
Changes proposed by: kfelpel

Catalog Pages referencing this course:
- Department of Economics
- ECON - Economics (ECON)
- International and Cultural Diversity Requirements

Programs referencing this course:
- BA:INTS:IPD: International Studies - BA, International Politics and Diplomacy Track
- BA/MIA:INTS/INTA:BA: International Studies - 5-Year Bachelor of Arts and Master of International Affairs

Faculty Senate Number

Contact(s)

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</table>

Rationale for Course

The proposed changes are part of a routine curriculum review.

Effective term: 2018-2019

Catalog course description:
Development of wage system expansion of markets, Industrial Revolution, relation of industrial development to political policy.

Prerequisites and Restrictions:
ECON 202 and ECON 203 with a grade of C or better.

Concurrent Enrollment:
No

Should catalog prerequisites / concurrent enrollment be enforced?
Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
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Crosslistings:
No
Crosslisted With:

Stacked:
No
Stacked with:

Approval Path

1. 08/11/17 4:26 pm
   Timothy Gronberg (tgronberg): Approved for ECON Department Head

2. 08/15/17 7:44 pm
   Sandra Williams (sandra williams): Approved for Curricular Services Review

3. 08/16/17 7:50 am
   Penny Boice (pboice): Approved for LA Committee Preparer UG

4. 09/12/17 3:24 pm
   Steve Oberhelman (s-oberhelman): Approved for LA Committee Chair UG

5. 09/12/17 3:31 pm
   Steve Oberhelman (s-oberhelman): Approved for LA College Dean UG

6. 09/13/17 7:27 pm
   Sandra Williams (sandra-williams): Approved for UCC Preparer

7. 10/08/17 12:58 pm
   Sandra Williams (sandra-williams): Approved for UCC Chair

Catalog course description:
Development of wage system expansion of markets, Industrial Revolution, relation of industrial development to political policy.

Prerequisites and Restrictions:
ECON 202 and ECON 203 with a grade of C or better.

Concurrent Enrollment:
No

Should catalog prerequisites / concurrent enrollment be enforced?
Yes

Enforced Prerequisites / Concurrent Enrollment

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Crosslistings:
No
Crosslisted With:

Stacked:
No
Stacked with:

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/4497/index.htm...
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Repeatable for credit? No

Three-peat? No

CIP/Fund Code 4506010001

Default Grade Mode Letter Grade (G)

Alternate Grade Modes Satisfactory/Unsatisfactory

Method of instruction Lecture

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No

Will this course be taught as a distance education course? No

Is 100% of this course going to be taught in Texas? Yes

Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

---

**Course Syllabus**

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation No

Additional information

Reviewer Comments

Sandra Williams (sandra-williams) (07/26/17 11:34 am): Rollback: Returning to department as requested.

Sandra Williams (sandra-williams) (08/10/17 10:37 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ECON 202 and ECON 203").


Reported to state No
Course Change Request

Date Submitted: 08/11/17 9:42 am

Viewing: **ECON 323 : Microeconomic Theory**

Last edit: 08/15/17 7:47 pm

Changes proposed by: kfelpel

Catalog Pages referencing this course

- AGEC - Agricultural Economics
- AGEC - Agricultural Economics (AGEC)
- Department of Agricultural Economics
- Department of Agricultural Economics
- Department of Economics
- Department of Economics
- Department of Public Service and Administration (EHP)
- EHP - EHP

Faculty Senate Number

**Contact(s)**

<table>
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<td>979-845-9953</td>
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</table>

Rationale for Course

**Edit**

The proposed changes are part of a routine curriculum review.

- **Course prefix**: ECON
- **Course number**: 323
- **Department**: Economics
- **College/School**: Liberal Arts
- **Academic Level**: Undergraduate
- **Undergraduate course level justification (Select One)**

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<td>2018-2019</td>
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**Complete Course Title**

Microeconomic Theory

**Abbreviated Course Title**

MICROECONOMIC THEORY

Catalog course description

Determination of prices and their role in directing consumption, production, and distribution under both competitive and non-competitive market situations.

**Prerequisites and Restrictions**

- ECON 202 with a grade of C or better; and MATH 142, MATH 151, MATH 131, or MATH 171.

**Concurrent Enrollment**

No

**Should catalog prerequisites / concurrent enrollment be enforced?**

Yes

**Enforced Prerequisites / Concurrent Enrollment**

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<th>Course Prefix/Number</th>
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<td>And</td>
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<td>Or</td>
<td>MATH 171</td>
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**Approval Path**

1. 08/11/17 4:26 pm
   Timothy Gronberg
   (tgronberg): Approved for ECON Department Head

2. 08/15/17 7:48 pm
   Sandra Williams
   (sandra williams): Approved for Curricular Services Review

3. 08/16/17 7:54 am
   Penny Boice
   (pboice): Approved for LA Committee Preparer UG

4. 09/12/17 3:24 pm
   Steve Oberhelman
   (s.oberhelman): Approved for LA Committee Chair UG

5. 09/12/17 3:31 pm
   Steve Oberhelman
   (s.oberhelman): Approved for LA College Dean UG

6. 09/13/17 7:27 pm
   Sandra Williams
   (sandra-williams): Approved for UCC Preparer

7. 10/08/17 1:06 pm
   Sandra Williams
   (sandra-williams): Approved for UCC Chair

8. Faculty Senate
   Preparer

9. Provost II

10. President

11. Curricular Services

12. Banner
Crosslistings: No
Stacked: No

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<th>Contact Hour(s) (per week):</th>
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<td>3 Lecture: 3 Lab: 0 Other: 0 Total 3</td>
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Repeatable for credit? No
Three-peat? No

CIP/Fund Code: 4506010001
Default Grade Mode: Letter Grade (G)
Alternate Grade Modes: Satisfactory/Unsatisfactory
Method of instruction: Lecture

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No

Will this course be taught as a distance education course? No
Is 100% of this course going to be taught in Texas? Yes
Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:
- Required (select program)
- Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

Course Syllabus

**Syllabus:** Upload syllabus

Upload syllabus

Letters of support or other documentation: No

Additional information

Reviewer Comments
- Steve Oberhelman (s-oberhelman) (07/25/17 2:01 pm): Rollback: Per request by Sandra Williams
- Penny Boice (pboice) (07/25/17 2:03 pm): Rollback: Rollback to Sandra for review of grades per her request
- Sandra Williams (sandra-williams) (07/26/17 11:35 am): Rollback: Returning to department as requested.
- Sandra Williams (sandra-williams) (08/10/17 10:37 am): Rollback: If you are requesting a grade of “C” or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, “A grade of C or better in ECON 202”).
Sandra Williams (sandra-williams) (10/08/17 1:03 pm): UCC approved October 2017.

Reported to state?

No
Course Change Request

Date Submitted: 08/11/17 10:06 am

Viewing: ECON 410 : Macroeconomic Theory

Last edit: 08/15/17 7:54 pm

Changes proposed by: kfelpel

Rationale for Course

The proposed changes are part of a routine curriculum review.

Catalog Pages referencing this course
Department of Economics
ECON - Economics
ECON - Economics (ECON)

Programs referencing this course
BA ECON: Economics - BA
BA/MIA-ECON/INTA-BIA: Economics - 5-Year Bachelor of Arts/Master of International Affairs

Catalog course description
Theory of the determination of aggregate levels of national income, employment and prices; monetary and fiscal policy analysis, effects of government debt and deficits.

Prerequisites and Restrictions
ECON 203 with a grade of C or better. ECON 203.

Enforced Prerequisites / Concurrent Enrollment

<table>
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<th>And/Or</th>
<th>Course Prefix/Number</th>
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Approval Path

1. 08/11/17 4:27 pm
   Timothy Gronberg
   (tgronberg): Approved for ECON Department Head

2. 08/15/17 7:54 pm
   Sandra Williams
   (sandra.williams): Approved for Curricular Services Review

3. 08/16/17 7:56 am
   Penny Boice
   (pboice): Approved for LA Committee Preparer UG

4. 09/12/17 3:24 pm
   Steve Oberhelman
   (s-obberhelman): Approved for LA Committee Chair UG

5. 09/12/17 3:31 pm
   Steve Oberhelman
   (s-obberhelman): Approved for LA College Dean UG

6. 09/13/17 7:27 pm
   Sandra Williams
   (sandra-williams): Approved for UCC Preparer

7. 10/08/17 1:06 pm
   Sandra Williams
   (sandra-williams): Approved for UCC Chair

Enrolled Prerequisites / Concurrent Enrollment

- 3 Contact Hour(s)
  - Lecture: 3
  - Lab: 0
  - Other: 0
  - Total: 3
Course Syllabus

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation

No

Additional information

Reviewer Comments

Sandra Williams (sandra-williams) (07/26/17 11:35 am): Rollback: Returning to department as requested.
Sandra Williams (sandra-williams) (08/10/17 10:39 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ECON 203").
Sandra Williams (sandra-williams) (10/08/17 1:03 pm): UCC approved October 2017.

Reported to state

No
Course Change Request

Date Submitted: 08/11/17 10:09 am

Viewing: ECON 412 : Public Finance

Last edit: 08/15/17 7:55 pm
Changes proposed by: kfelpel

Catalog Pages referencing this course
Department of Economics
ECON - Economics (ECON)

Programs referencing this course
BS-ENST: Environmental Studies - BS

Faculty Senate Number

Contact(s)

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Rationale for Course
The proposed changes are part of a routine curriculum review.

Course prefix: ECON Course number: 412
Department: Economics
College/School: Liberal Arts
Academic Level: Undergraduate
Undergraduate course level justification (Select One)

Effective term: 2018-2019
Complete Course Title: Public Finance
Abbreviated Course Title: PUBLIC FINANCE

Catalog course description
Economic role of governments; the choice of public sector output in a democracy and the effects of various taxes on resource allocation and income distribution.

Prerequisites and Restrictions
ECON 323 with a grade of C or better. ECON 323.

Concurrent Enrollment: No
Should catalog prerequisites / concurrent enrollment be enforced? Yes

Enforced Prerequisites / Concurrent Enrollment

| And/Or | Course Prefix/Number | Min Grade/Score | Academic Level | Concurrency?
<table>
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Concurrent Enrollment: No
Crosslisted With: No
Stacked: No
Stacked with: No

3 Contact Hour(s)
(Minimum of 3 Contact Hour(s):
Lecture: 3 Lab: 0 Other: 0 Total: 3

Approval Path
1. 08/11/17 4:27 pm
Timothy Gronberg: Approved for ECON Department Head
2. 08/15/17 7:55 pm
Sandra Williams (sandra.williams): Approved for Curricular Services Review
3. 08/16/17 7:58 am
Penny Boice (pboice): Approved for LA Committee Preparer UG
4. 09/12/17 3:24 pm
Steve Oberhelman (s-oberhelman): Approved for LA Committee Chair UG
5. 09/12/17 3:31 pm
Steve Oberhelman (s-oberhelman): Approved for LA College Dean UG
6. 09/13/17 7:27 pm
Sandra Williams (sandra-williams): Approved for UCC Preparer
7. 10/08/17 1:06 pm
Sandra Williams (sandra-williams): Approved for UCC Chair

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/4508/index.htm... 10/30/2017
Semester: Credit Hour(s):
Repeatable for credit? No
Three-peat? No
CIP/Fund Code 4506010001
Default Grade Mode Letter Grade (G)
Alternate Grade Modes Satisfactory/Unsatisfactory
Method of instruction Lecture
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)
Will this course be taught as a distance education course? No
Is 100% of this course going to be taught in Texas? Yes
Will classroom space be needed for this course? Yes
This will be a required course or an elective course for the following programs:
Required (select program)
Elective (select program)
Has/will this course be (en) submitted for core curriculum consideration? No
Has/will this course be (en) submitted for Writing or Communication consideration? No
Has/will this course be (en) submitted for ICD consideration? No

Course Syllabus

Syllabus: Upload syllabus
Upload syllabus

Letters of support or other documentation:
No

Additional information:

Reviewer Comments

Sandra Williams (sandra-williams) (07/26/17 11:36 am): Rollback: Returning to department as requested.
Sandra Williams (sandra-williams) (08/10/17 10:39 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ECON 323").
Sandra Williams (sandra-williams) (10/08/17 1:03 pm): UCC approved October 2017.

Reported to state? No
Course Change Request

Date Submitted: 08/11/17 10:09 am

Viewing: ECON 414: Health Economics

Last edit: 08/15/17 7:56 pm

Changes proposed by: kfelpel

Catalog Pages referencing this course:
- Department of Economics: ECON - Economics (ECON)

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Kurt Felpel</td>
<td><a href="mailto:kfelpel@tamu.edu">kfelpel@tamu.edu</a></td>
<td>979-845-9953</td>
</tr>
</tbody>
</table>

Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Course prefix: ECON

Course number: 414

Department: Economics

College/School: Liberal Arts

Academic Level: Undergraduate

Undergraduate course level justification (Select One)

Academic Level (alternate): Graduate

Effective term: 2018-2019

Complete Course Title:
Health Economics

Abbreviated Course Title:
HEALTH ECONOMICS

Catalog course description:

Economics of health care in the U.S.; role of third party payers; supply and demand for health care; structure and consequences of public and private insurance; role of competition in health care markets among hospitals, insurance plans, physicians and pharmaceutical manufacturers; role of completion and regulation in medical innovation.

Prerequisites and Restrictions

ECON 323 with a grade of C or better. ECON 323

Concurrent Enrollment:

No

Should catalog prerequisites / concurrent enrollment be enforced?

Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
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<th>Min Grade/Score</th>
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Crosslistings:

No  Crosslisted With

Stacked:

No  Stacked with

3 Contact Hour(s)

Lecture: 3  Lab: 0  Other: 0  Total: 3

Approval Path

1. 08/11/17 4:27 pm
   Timothy Gronberg (tgronberg): Approved for ECON Department Head

2. 08/15/17 7:56 pm
   Sandra Williams (sandra williams): Approved for Curricular Services Review

3. 08/16/17 7:59 am
   Penny Boice (pboice): Approved for LA Committee Preparer UG

4. 09/12/17 3:24 pm
   Steve Oberhelman (s-oberhelman): Approved for LA Committee Chair UG

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   Sandra Williams (sandra-williams): Approved for UCC Preparer

7. 10/08/17 1:06 pm
   Sandra Williams (sandra-williams): Approved for UCC Chair
Semester:  
Credit:  
Hour(s):  
Repeatable for credit?: No  
Three-peat?: No  
CIP/Fund Code: 4506010001  
Default Grade Mode: Letter Grade(G)  
Alternate Grade Modes: Satisfactory/Unsatisfactory  
Method of instruction: Lecture  
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education): No  
Will this course be taught as a distance education course?: No  
Is 100% of this course going to be taught in Texas?: Yes  
Will classroom space be needed for this course?: Yes  
This will be a required course or an elective course for the following programs:  
Required (select program)  
Elective (select program)  
Has/will this course be (en) submitted for core curriculum consideration?: No  
Has/will this course be (en) submitted for Writing or Communication consideration?: No  
Has/will this course be (en) submitted for ICD consideration?: No  
---  
**Course Syllabus**  
Syllabus: Upload syllabus  
Upload syllabus  
Letters of support or other documentation: No  
Additional information:  
Reviewer Comments:  
Sandra Williams (sandra-williams) (07/26/17 11:36 am): Rollback: Returning to department as requested.  
Sandra Williams (sandra-williams) (08/10/17 10:39 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ECON 323").  
Sandra Williams (sandra-williams) (10/08/17 1:03 pm): UCC approved October 2017.  
Reported to state?: No
Course Change Request

In Workflow
1. ECON Department Head
2. Curricular Services Review
3. LA Committee Preparer UG
4. LA Committee Chair UG
5. LA College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

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Sandra Williams (sandra-williams): Approved for UCC Preparer
7. 10/08/17 1:06 pm
Sandra Williams (sandra-williams): Approved for UCC Chair

Rationale for Course
Edit
The proposed changes are part of a routine curriculum review.

Catalog course description
Economics of the labor market including factors affecting the economy's demand for labor and the supply of labor; labor market problems such as unemployment and poverty; the economics of trade unions and collective bargaining.

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>(</th>
<th>Course Prefix/Number</th>
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<td>ECON 323</td>
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Crosslistings
No

Stacked
No

Enforced Prerequisites / Concurrent Enrollment

<table>
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<tr>
<th>And/Or</th>
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</table>

Crosslistings
No

Stacked
No

3 Contact Hour(s)
(per week):
Lecture: 3
Lab: 0
Other: 0
Total 3

Catalog Pages referencing this course
Department of Economics
ECON - Economics (ECON)

Programs referencing this course
MINOR-CCIS: Comparative Cultural Studies International - Minor

Programs referencing this course

Catalog Pages referencing this course

Programs referencing this course

Faculty Senate Number

Contact(s)

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</table>

Prerequisites and Restrictions
ECON 323 with a grade of C or better. ECON 323.
Semester: 
Credit: 
Hour(s): 
Repeatable for credit? No
Three-peat? No
CIP/Fund Code: 4506010001
Default Grade Mode: Letter Grade (G)
Alternate Grade Modes: Satisfactory/Unsatisfactory
Method of instruction: Lecture
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No
Will this course be taught as a distance education course? No
Is 100% of this course going to be taught in Texas? Yes
Will classroom space be needed for this course? Yes
This will be a required course or an elective course for the following programs:
Required (select program)
Elective (select program)
Has/will this course be (en) submitted for core curriculum consideration? No
Has/will this course be (en) submitted for Writing or Communication consideration? No
Has/will this course be (en) submitted for ICD consideration? No

Course Syllabus

Syllabus: Upload syllabus
Letters of support or other documentation: No
Additional information
Reviewer Comments
Sandra Williams (sandra-williams) (07/26/17 11:36 am): Rollback: Returning to department as requested.
Sandra Williams (sandra-williams) (08/10/17 10:40 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ECON 323").
Sandra Williams (sandra-williams) (10/08/17 1:03 pm): UCC approved October 2017.

Reported to state? No

Key: 4512
Course Change Request

Date Submitted: 08/11/17 10:10 am

Viewing: ECON 420: Law and Economics
Last edit: 08/15/17 7:57 pm
Changes proposed by: kfelpel

Catalog Pages referencing this course:
- Department of Economics: ECON - Economics (ECON)

Programs referencing this course:
- BS-FIVS-LWE: Forensic and Investigative Sciences - BS, Pre-Law Emphasis
- CERT-CUS: Business Economics - Certificate
- BA-USLA-SEL*: University Studies - BA, Society, Ethics and Law Concentration

Faculty Senate Number

Contacts:

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Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix: ECON
Course number: 420
Department: Economics
College/School: Liberal Arts
Academic Level: Undergraduate
Effective term: 2018-2019

Complete Course Title
Law and Economics
Abbreviated Course Title
LAW AND ECONOMICS

Catalog course description:
Mutual interaction of the prevailing legal system and economic phenomena; development of a series of testable hypotheses concerning the effects of laws and regulations on incentives and economic behavior, the allocation of resources and the distribution of income.

Prerequisites and Restrictions

ECON 323 with a grade of C or better. ECON 323.

Concurrent Enrollment
No

Should catalog prerequisites/concurrent enrollment be enforced?
Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
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<th>And/Or</th>
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<th>Min Grade/Score</th>
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<tr>
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<td>ECON 323</td>
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Crosslistings
No
Crosslisted With

Stacked
No
Stacked with

Contact Hour(s) (per week):
Lecture: 3
Lab: 0
Other: 0
Total: 3

Approval Path

1. 08/11/17 4:27 pm
   Timothy Gronberg
   (tgronberg): Approved for ECON Department Head
2. 08/15/17 7:57 pm
   Sandra Williams
   (sandra williams): Approved for Curricular Services Review
3. 08/16/17 8:01 am
   Penny Boice
   (pboice): Approved for LA Committee Preparer UG
4. 09/12/17 3:24 pm
   Steve Oberhelman
   (s oberhelman): Approved for LA Committee Chair UG
5. 09/12/17 3:31 pm
   Steve Oberhelman
   (s oberhelman): Approved for LA College Dean UG
6. 09/13/17 7:27 pm
   Sandra Williams
   (sandra-williams): Approved for UCC Preparer
7. 10/08/17 1:06 pm
   Sandra Williams
   (sandra-williams): Approved for UCC Chair
Course Syllabus

Syllabus: Upload syllabus

Letters of support or other documentation

Additional information

Reviewer Comments
Sandra Williams (sandra-williams) (07/26/17 11:36 am): Rollback: Returning to department as requested.
Sandra Williams (sandra-williams) (08/10/17 10:40 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ECON 323").
Sandra Williams (sandra-williams) (10/08/17 1:03 pm): UCC approved October 2017.

Reported to state? No
Course Change Request

Date Submitted: 08/11/17 10:11 am

Viewing: ECON 425: The Organization of Industry

Last edit: 08/15/17 7:58 pm

Changes proposed by: kfelpel

In Workflow
1. ECON Department Head
2. Curricular Services Review
3. LA Committee Preparer UG
4. LA Committee Chair UG
5. LA College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

Catalog Pages referencing this course
Department of Economics
ECON - Economics (ECON)

Programs referencing this course
BA-INTS: ICC - International Studies - BA, International Commerce Track
CERT-CUS: Business Economics - Certificate
BA-USLA: SEL*: University Studies - BA, Society, Ethics and Law Concentration

Faculty Senate Number

Contact(s)

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Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix: ECON
Course number: 425
Department: Economics
College/School: Liberal Arts
Academic Level: Undergraduate
Undergraduate course level justification (Select One)

Academic Level (alternate)
Graduate

Effective term: 2018-2019

Complete Course Title
The Organization of Industry

Abbreviated Course Title
ORGANIZATN OF INDUSTRY

Catalog course description
Relationships between structure, conduct and performance of industries in the American economy using both theoretical and empirical material; antitrust regulation, pricing, product characteristics, advertising, technical change and environmental effects; the American experience contrasted with that of other countries; growth of international industries.

Prerequisites and Restrictions
ECON 323 with a grade of C or better. ECON 323.

Concurrent Enrollment: No
Should catalog prerequisites / concurrent enrollment be enforced?
Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
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<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
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Crosslistings: No
Stacked: No

3 Contact Hour(s)
(per week):
Lecture: 3
Lab: 0
Other: 0
Total: 3

Approval Path

1. 08/11/17 4:27 pm
   Timothy Gronberg (tgronberg): Approved for ECON Department Head
2. 08/15/17 7:58 pm
   Sandra Williams (sandra williams): Approved for Curricular Services Review
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7. 10/08/17 1:06 pm
   Sandra Williams (sandra-williams): Approved for UCC Chair

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**Course Syllabus**

Syllabus: Upload syllabus

Letters of support or other documentation: No

Additional information

Reviewer Comments

Sandra Williams (sandra-williams) (07/26/17 11:36 am): Rollback: Returning to department as requested.

Sandra Williams (sandra-williams) (08/10/17 10:40 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ECON 323").


Reported to state?: No
## Course Change Request

### Viewing: ECON 426: Economics of Antitrust and Regulation

**Last edit:** 08/15/17 7:59 pm  
Changes proposed by: kfelpel

---

**Catalog Pages referencing this course:**
- Department of Economics:  
  - ECON - Economics (ECON)

**Programs referencing this course:**
- CERT-CUS: Business Economics - Certificate
- BA-USA-SEL*: University Studies - BA, Society, Ethics and Law Concentration

---

**Contact(s):**

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</table>

---

**Rationale for Course**

The proposed changes are part of a routine curriculum review.

---

**Course prefix:** ECON  
**Course number:** 426  
**Department:** Economics  
**College/School:** Liberal Arts  
**Academic Level:** Undergraduate  
**Undergraduate course level justification (Select One):**

---

**Effective term:** 2018-2019  
**Complete Course Title:** Economics of Antitrust and Regulation  
**Abbreviated Course Title:** ANTITRUST ECONOMICS

---

**Catalog course description:**

Bureaucratic and judicial impact of antitrust laws and other regulatory means on the American economy; efficiency gains and losses associated with price discrimination, predation, cartelization, horizontal merger, vertical integration, resale price maintenance; Supreme Court opinions delivered in landmark antitrust cases.

---

**Prerequisites and Restrictions:**

- **ECON 323 with a grade of C or better.** ECON323

---

**Concurrent Enrollment:**

**Should catalog prerequisites / concurrent enrollment be enforced?** Yes

---

**Enforced Prerequisites / Concurrent Enrollment**

<table>
<thead>
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<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
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<td>ECON 323</td>
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**Concurrent Enrollment:**

- **Crosslistings:** No  
  **Crosslisted With:**

- **Stacked:** No  
  **Stacked with:**

---

**Contact Hour(s):** 3  
**Lecture:** 3  
**Lab:** 0  
**Other:** 0  
**Total:** 3

---

**Date Submitted:** 08/11/17 10:11 am  
**Viewing:** ECON 426: Economics of Antitrust and Regulation  
**Last edit:** 08/15/17 7:59 pm  
**Changes proposed by:** kfelpel

---

**Approval Path**

1. 08/11/17 4:27 pm  
   Timothy Gronberg (tgronberg): Approved for ECON Department Head

2. 08/15/17 7:59 pm  
   Sandra Williams (sandra williams): Approved for Curricular Services Review

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### Course Syllabus

<table>
<thead>
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<th>Syllabus:</th>
<th>Upload syllabus</th>
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<td>Letters of support or other documentation</td>
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</table>

**Reviewer Comments**

- **Sandra Williams** (sandra-williams) (07/26/17 11:37 am): Rollback: Returning to department as requested.
- **Sandra Williams** (sandra-williams) (08/10/17 10:41 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ECON 323").
- **Sandra Williams** (sandra-williams) (10/08/17 1:04 pm): UCC approved October 2017.

**Reported to state?**

No
Course Change Request

Viewing: ECON 433 : Energy Markets and Policy

Last edit: 08/15/17 8:00 pm
Changes proposed by: kfelpel

Catalog Pages referencing this course
Department of Economics
ECON - Economics (ECON)

Programs referencing this course
BS/MPS: AEC/PSA/BPS: Agricultural Economics - 5-Year Bachelor of Science/Master of Public Service Administration
CERT-CU16: Energy Accounting - Certificate
CERT-CU35: Business Economics - Certificate

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Kurt Felpel</td>
<td><a href="mailto:kfelpel@tamu.edu">kfelpel@tamu.edu</a></td>
<td>979-845-9953</td>
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Rationale for Course
Edit

The proposed changes are part of a routine curriculum review.

Course prefix  ECON  Course number  433
Department  Economics  
College/School  Liberal Arts  
Academic Level  Undergraduate  
Undergraduate course level justification (Select One)

Academic Level (alternate)  Graduate  
Effective term  2018-2019  

Complete Course Title  Energy Markets and Policy
Abbreviated Course Title  ENERGY MKTS & POLICY

Catalog course description
Economics of energy markets and energy regulation with emphasis on implications for optimal energy policy; sectors include gasoline, oil, electricity, natural gas, renewables, nuclear; economic theory integrated with empirical applications from American and international experience; new energy markets, energy trading, and interaction with environmental policy.

Prerequisites and Restrictions
ECON 323 with a grade of C or better; instructor; junior or senior classification or approval of instructor.

Concurrent Enrollment  No
Should catalog prerequisites / concurrent enrollment be enforced?  Yes

Enforced Prerequisites / Concurrent Enrollment

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<td>Alternate Grade Modes</td>
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<td>Will this course be taught as a distance education course?</td>
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<td>Is 100% of this course going to be taught in Texas?</td>
<td>Yes</td>
<td></td>
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</tr>
<tr>
<td>Will classroom space be needed for this course?</td>
<td>Yes</td>
<td></td>
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</tbody>
</table>

This will be a required course or an elective course for the following programs:

- Required (select program)
- Elective (select program)

- Has/will this course be (en) submitted for core curriculum consideration? No
- Has/will this course be (en) submitted for Writing or Communication consideration? No
- Has/will this course be (en) submitted for ICD consideration? No

**Course Syllabus**

- Syllabus: Upload syllabus
- Upload syllabus
- Meeting times and locations
- Learning outcomes
- Instructor Information
- Letters of support or other documentation: No
- Additional information

Reviewer Comments: Sandra Williams (sandra-williams) (07/26/17 11:37 am): Rollback: Returning to department as requested.
Sandra Williams (sandra-williams) (08/10/17 10:41 am): Rollback: If you are requesting a grade of "C" or better
for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ECON 323").


Reported to state?

No
Course Change Request

Date Submitted: 08/11/17 10:12 am

Viewing: ECON 435: Economics of Resource Scarcity

Last edit: 08/15/17 8:01 pm

Changes proposed by: kfelpel

In Workflow
1. ECON Department Head
2. Curricular Services Review
3. LA Committee Preparer UG
4. LA Committee Chair UG
5. LA College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

Catlog Pages referencing this course
Department of Economics
- ECON - Economics (ECON)

Programs referencing this course
- BS-ENGS: Environmental Geosciences - BS
- BS-ENST: Environmental Studies - BS

Faculty Senate Number

Contact(s)

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Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Course prefix ECON
Course number 435
Department Economics
College/School Liberal Arts
Academic Level Undergraduate

Undergraduate course level justification (Select One)

Academic Level (alternate) Graduate
Effective term 2018-2019

Complete Course Title Economics of Resource Scarcity
Abbreviated Course Title ECON RESOURCE SCARCITY

Catalog course description
Natural resource management and use; problems of renewable and non-renewable resources including scarcity and market responses, role of property rights, externalities, benefit-cost analysis and energy policy.

Prerequisites and Restrictions

ECON 323 with a grade of C or better. ECON 323.

Concurrent Enrollment No

Should catalog prerequisites / concurrent enrollment be enforced?

Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
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<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
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<tr>
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Crosslistings No Crosslisted With

Stacked No Stacked with

3 Contact Hour(s) per week:
Lecture: 3 Lab: 0 Other: 0 Total 3
Semester
Credit
Hour(s)
Repeatable for credit? No
Three-peat? No
CIP/Fund Code 4506010001
Default Grade Mode Letter Grade (G)
Alternate Grade Modes Satisfactory/Unsatisfactory
Method of instruction Lecture
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No
Will this course be taught as a distance education course? No
Is 100% of this course going to be taught in Texas? Yes
Will classroom space be needed for this course? Yes
This will be a required course or an elective course for the following programs:
Required (select program)
Elective (select program)
Has/will this course be (en) submitted for core curriculum consideration? No
Has/will this course be (en) submitted for Writing or Communication consideration? No
Has/will this course be (en) submitted for ICD consideration? No

Course Syllabus

Syllabus:
Upload syllabus

Meeting times and locations
Learning outcomes
Instructor information
Teaching tools and/or Resource Material
Grading scale
Grading Policies

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/4521/index.ht...
Letters of support or other documentation: No

Additional information:

Reviewer Comments:

Sandra Williams (sandra-williams) (07/26/17 11:37 am): Rollback: Returning to department as requested.

Sandra Williams (sandra-williams) (08/10/17 10:41 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ECON 323").


Reported to state? No
Course Change Request

Date Submitted: 08/11/17 10:13 am

Viewing: ECON 440: Experimental Economics

Last edit: 08/15/17 8:12 pm

Changes proposed by: kfelpel

Catalog Pages referencing this course

<table>
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Faculty Senate Number

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Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Course prefix: ECON

Department: Economics

College/School: Liberal Arts

Academic Level: Undergraduate

Undergraduate course level justification (Select One): "The proposed changes are part of a routine curriculum review."

Academic Level (alternate): "Graduate"

Effective term: 2018-2019

Complete Course Title: Experimental Economics

Abbreviated Course Title: EXPERIMENTAL ECONOMICS

Catalog course description

Experimental techniques in economics and survey of literature in experimental economics; credibility of experimental data and criteria for determining reliability; application of statistical treatment to experimental data.

Prerequisites and Restrictions

ECON 323 with a grade of C or better. ECON 323.

Concurrent Enrollment: No

Should catalog prerequisites / concurrent enrollment be enforced? Yes

Enforced Prerequisites / Concurrent Enrollment

And/Or | ( | Course Prefix/Number | Min Grade/Score | Academic Level | ) | Concurrency?
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Crosslistings: No

Stacked: No

Contact Hour(s): 3

Lecture: 3

Lab: 0

Other: 0

Total: 3

Approval Path

1. 08/11/17 4:27 pm
   Timothy Gronberg (tgronberg): Approved for ECON Department Head

2. 08/15/17 8:12 pm
   Sandra Williams (sandra-williams): Approved for Curricular Services Review

3. 08/16/17 8:12 am
   Penny Boice (pboice): Approved for LA Committee Preparer UG

4. 09/12/17 3:25 pm
   Steve Oberhelman (s-oberhelman): Approved for LA Committee Chair UG

5. 09/12/17 3:31 pm
   Sandra Williams (sandra-williams): Approved for LA College Dean UG

6. 09/13/17 7:27 pm
   Sandra Williams (sandra-williams): Approved for UCC Preparer

7. 10/08/17 1:06 pm
   Sandra Williams (sandra-williams): Approved for UCC Chair

Catalog Pages referencing this course

Department of Economics: Economics (ECON)

Faculty Senate Number

Contact(s)

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Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Course prefix: ECON

Department: Economics

College/School: Liberal Arts

Academic Level: Undergraduate

Undergraduate course level justification (Select One): "The proposed changes are part of a routine curriculum review."

Academic Level (alternate): "Graduate"

Effective term: 2018-2019

Complete Course Title: Experimental Economics

Abbreviated Course Title: EXPERIMENTAL ECONOMICS

Catalog course description

Experimental techniques in economics and survey of literature in experimental economics; credibility of experimental data and criteria for determining reliability; application of statistical treatment to experimental data.

Prerequisites and Restrictions

ECON 323 with a grade of C or better. ECON 323.

Concurrent Enrollment: No

Should catalog prerequisites / concurrent enrollment be enforced? Yes

Enforced Prerequisites / Concurrent Enrollment

And/Or | ( | Course Prefix/Number | Min Grade/Score | Academic Level | ) | Concurrency?
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Crosslistings: No

Stacked: No

Contact Hour(s): 3

Lecture: 3

Lab: 0

Other: 0

Total: 3
### Course Syllabus

Syllabus: **Upload syllabus**

Upload syllabus

Letters of support or other documentation: **No**

Additional information

Reviewer Comments: **Sandra Williams (sandra-williams)** (07/26/17 11:39 am): Rollback: Returning to department as requested.

Sandra Williams (sandra-williams) (08/10/17 10:42 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ECON 323").


Reported to state: **No**
Course Change Request

Date Submitted: 08/11/17 10:14 am


Last edit: 08/15/17 8:08 pm
Changes proposed by: kfelpel

Catalog Pages referencing this course
- Department of Economics
- ECON - Economics (ECON)

Programs referencing this course
- CERT-CUS, Business Economics - Certificate

Faculty Senate Number

Contact(s)

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Rationale for Course
Edit

The proposed changes are part of a routine curriculum review.

Course prefix ECON
Department Economics
College/School Liberal Arts
Academic Level Undergraduate
Undergraduate course level justification (Select One)

Academic Level (alternate) Graduate
Effective term 2018-2019

Complete Course Title Financial Economics
Abbreviated Course Title FINANCIAL ECONOMICS

Catalog course description
Economic analysis of money and financial markets; market structures, efficiency, institutional features; international markets; arbitrage; derivative securities; asset pricing in complete and incomplete markets; relation to rest of economy.

Prerequisites and Restrictions
Grade of C in ECON 323; STAT 211; Grade of C in STAT 303; junior or senior classification.

Concurrent Enrollment
No
Should catalog prerequisites / concurrent enrollment be enforced?
Yes

Enforced Prerequisites / Concurrent Enrollment

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Repeatable for credit? No

Three-peat? No

CIP/Fund Code 4506010001

Default Grade Mode Letter Grade (G)

Alternate Grade Modes Satisfactory/Unsatisfactory

Method of instruction Lecture

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No

Will this course be taught as a distance education course? No

Is 100% of this course going to be taught in Texas? Yes

Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

- Required (select program)
- Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

---

Course Syllabus

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation: No

Additional information

Reviewer Comments

Sandra Williams (sandra-williams) (07/26/17 11:39 am): Rollback: Returning to department as requested.

Sandra Williams (sandra-williams) (08/10/17 10:42 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in...").

Sandra Williams (sandra-williams) (08/15/17 8:08 pm): Edits made to prerequisites.


Reported to state?
Course Change Request

Date Submitted: 08/11/17 10:15 am

Viewing: ECON 449: Economics of Decision-Making Strategy

Last edit: 08/15/17 8:13 pm

Changes proposed by: kfelpel

Catalog Pages referencing this course:
- Department of Economics
- ECON - Economics (ECON)

Programs referencing this course:
- BS-POLS: Political Science - BS
- BS/MPS-POLS/PSAA-BPS: Political Science - 5-Year Bachelor of Science/Master of Public Service Administration
- CERT-CUS: Business Economics - Certificate

Faculty Senate Number

Contact(s):
- Kurt Felpel
  - E-mail: kfelpel@tamu.edu
  - Phone: 979-845-9953

Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Course prefix: ECON
- Course number: 449
- Department: Economics
- College/School: Liberal Arts
- Academic Level: Undergraduate
- Undergraduate course level justification (Select One)

- Academic Level (alternate): Graduate
- Effective term: 2018-2019
- Complete Course Title: Economics of Decision-Making Strategy
- Abbreviated Course Title: ECONOMICS OF DECISION

Catalog course description:
Introduction to principles of decision-making and analysis of strategic interaction; formal modeling of decision problems involving one or more agents, integrating preferences, risk, and uncertainty into analysis, and using principles of game theory to advise choices; applications include search, signaling, design of contracts, agendas and repeated interaction.

Prerequisites and Restrictions:
- ECON 323 with a grade of C or better.
- ECON 323; junior or senior classification.

Concurrent Enrollment:
- No

Should catalog prerequisites/concurrent enrollment be enforced?
- Yes

Enforced Prerequisites / Concurrent Enrollment:

<table>
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<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>Concurrency?</th>
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Crosslistings:
- No
- Crosslisted With

Stacked:
- No
- Stacked with

Contact Hour(s):
- 3
- Lecture: 3
- Lab: 0
- Other: 0
- Total: 3

Approval Path:
1. 08/11/17 4:27 pm
   - Timothy Gronberg
   - Approved for ECON Department Head
2. 08/15/17 8:13 pm
   - Sandra Williams
   - Approved for Curricular Services Review
3. 08/16/17 8:21 am
   - Penny Boice
   - Approved for LA Committee Preparer UG
4. 09/12/17 3:25 pm
   - Steve Oberhelman
   - Approved for LA Committee Chair UG
5. 09/12/17 3:31 pm
   - Steve Oberhelman
   - Approved for LA College Dean UG
6. 09/13/17 7:27 pm
   - Sandra Williams
   - Approved for UCC Preparer
7. 10/08/17 1:06 pm
   - Sandra Williams
   - Approved for UCC Chair
Semester
Credit
Hour(s)
Repeatable for credit? No
Three-peat? No
CIP/Fund Code 4506020001
Default Grade Mode Letter Grade(G)
Alternate Grade Modes Satisfactory/Unsatisfactory
Method of instruction Lecture
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No
Will this course be taught as a distance education course? No
Is 100% of this course going to be taught in Texas? Yes
Will classroom space be needed for this course? Yes
This will be a required course or an elective course for the following programs:
Required (select program)
Elective (select program)
Has/will this course be (en) submitted for core curriculum consideration? No
Has/will this course be (en) submitted for Writing or Communication consideration? No
Has/will this course be (en) submitted for ICD consideration? No

Course Syllabus

Syllabus: Upload syllabus

Upload syllabus

Meeting times and locations
Learning outcomes
Instructor Information
Textbook and/or Resource Material
Grading scale

Letters of support or other documentation No
Additional information

Reviewer Comments

Sandra Williams (sandra-williams) (07/26/17 11:38 am): Rollback: Returning to department as requested.

Sandra Williams (sandra-williams) (08/10/17 10:42 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ECON 323").


Reported to state?

No
Course Change Request

Viewing: ECON 452 : International Trade Theory and Policy

Last edit: 08/15/17 8:04 pm
Changes proposed by: kfelpel

Catalog Pages referencing this course
- Department of Economics
- ECON - Economics (ECON)
- International and Cultural Diversity Requirements

Programs referencing this course
- BA/INTS-ICC: International Studies - BA, International Commerce Track
- BA/INTS-IDP: International Studies - BA, International Politics and Diplomacy Track
- BA/MIA/INTS/INTA: International Studies - 5-Year Bachelor of Arts and Master of International Affairs

Faculty Senate Number

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<td>979-845-9953</td>
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Rationale for Course

The proposed changes are part of a routine curriculum review.

Catalog course description
Basis for trade; theory of comparative advantage; determination of product and factor prices; gains from international trade; commercial policy and its implications for income distribution; concept of effective protection; market distortions, policy generated distortions and the arguments for tariffs.

Prerequisites and Restrictions
- ECON 323 with a grade of C or better. ECON 332.
- Concurrent Enrollment: No
- Should catalog prerequisites / concurrent enrollment be enforced?: Yes

Enforced Prerequisites / Concurrent Enrollment

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Crosslistings
- No

Stacked
- No

Contact Hour(s) (per week):
- Lecture: 3
- Lab: 0
- Other: 0
- Total: 3

Approval Path

1. 08/11/17 4:28 pm
   Timothy Gronberg (tgronberg): Approved for ECON Department Head

2. 08/15/17 8:04 pm
   Sandra Williams (sandra.williams): Approved for Curricular Services Review

3. 08/16/17 8:22 am
   Penny Boice (pboice): Approved for LA Committee Preparer UG

4. 09/12/17 3:25 pm
   Steve Oberhelman (s-oberhelman): Approved for LA Committee Chair UG

5. 09/12/17 3:31 pm
   Steve Oberhelman (s-oberhelman): Approved for LA College Dean UG

6. 09/13/17 7:27 pm
   Sandra Williams (sandra-williams): Approved for UCC Preparer

7. 10/08/17 1:06 pm
   Sandra Williams (sandra-williams): Approved for UCC Chair
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<td>Method of instruction</td>
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<td>Lecture</td>
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<td>Has/will this course be (en) submitted for ICD consideration?</td>
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</table>

**Course Syllabus**

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation: No

Additional information

Reviewer Comments

Sandra Williams (sandra-williams) (07/26/17 11:38 am): Rollback: Returning to department as requested.

Sandra Williams (sandra-williams) (08/10/17 10:43 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ECON 323").

Sandra Williams (sandra-williams) (10/08/17 1:05 pm): UCC approved October 2017.

Reported to state: No
Course Change Request

Date Submitted: 08/11/17 10:16 am

Viewing: ECON 459 : Games and Economic Behavior

Last edit: 08/15/17 8:03 pm

Changes proposed by: kfelpel

Catalog Pages referencing this course
- Department of Economics
- ECON - Economics (ECON)

Programs referencing this course
- BS-POLS: Political Science - BS
- BS/MPS-POLS/PSAA-BPS: Political Science - 5-Year Bachelor of Science/Master of Public Service Administration
- BS-APMS-ECO: Applied Mathematical Sciences - BS, Economics Emphasis

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kurt Felpel</td>
<td><a href="mailto:kfelpel@tamu.edu">kfelpel@tamu.edu</a></td>
<td>979-845-9553</td>
</tr>
</tbody>
</table>

Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix: ECON
Course number: 459
Department: Economics
College/School: Liberal Arts
Academic Level: Undergraduate
Undergraduate course level justification (Select One)

Academic Level (alternate): Graduate
Effective term: 2018-2019

Complete Course Title:
Games and Economic Behavior

Abbreviated Course Title:
GAMES & ECON BEHAVIOR

Catalog course description
Introduction to game theory for advanced undergraduates; definition and existence of an equilibrium point for strategic, repeated and extensive form games; strategic and evolutionary equilibrium refinements; equilibrium selection; applications include auctions, bargaining, oligopoly, strategic market games, team production, voting and behavioral game theory.

Prerequisites and Restrictions
Grade of C or better in ECON 323, MATH 142, MATH 131, MATH 151, MATH 147 or equivalent, or MATH 171. Approval of instructor.

Concurrent Enrollment
No

Should catalog prerequisites / concurrent enrollment be enforced?
Yes

Enforced Prerequisites / Concurrent Enrollment

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| Stacked | No | Stacked with |

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### Repeatable for credit?

- No

### Three-peat?

- No

### CIP/Fund Code

- 4506010001

### Default Grade Mode

- Letter Grade (G)

### Alternate Grade Modes

- Satisfactory/Unsatisfactory

### Method of instruction

- Lecture

### Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)

- No

### Will this course be taught as a distance education course?

- Yes

### Is 100% of this course going to be taught in Texas?

- Yes

### Will classroom space be needed for this course?

- Yes

### This will be a required course or an elective course for the following programs:

- Required (select program)
- Elective (select program)

### Has/will this course be (en) submitted for core curriculum consideration?

- No

### Has/will this course be (en) submitted for Writing or Communication consideration?

- No

### Has/will this course be (en) submitted for ICD consideration?

- No

---

**Course Syllabus**

- Syllabus: Upload syllabus
- Upload syllabus
- Meeting times and locations
- Letters of support or other documentation: No
- Additional information
Reviewer Comments

- Sandra Williams (sandra-williams) (07/26/17 11:38 am): Rollback: Returning to department as requested.
- Sandra Williams (sandra-williams) (08/10/17 10:43 am): Rollback: If you are requesting a grade of ‘C’ or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ECON 323").
- Sandra Williams (sandra-williams) (08/15/17 8:03 pm): Edits made to prerequisites.
- Sandra Williams (sandra-williams) (10/08/17 1:05 pm): UCC approved October 2017.

Reported to state?

- No
Course Change Request

Date Submitted: 08/11/17 10:17 am

Viewing: ECON 460: Introduction to Mathematical Economics

Last edit: 08/15/17 8:05 pm

Changes proposed by: kfelpel

In Workflow
1. ECON Department Head
2. Curricular Services Review
3. LA Committee Preparer UG
4. LA Committee Chair UG
5. LA College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

Catalog Pages referencing this course
- Department of Economics
  - ECON - Economics (ECON)

Programs referencing this course

Faculty Senate Number

Contact(s)

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Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix: ECON  
Course number: 460

Department: Economics

College/School: Liberal Arts

Academic Level: Undergraduate

Effective term: 2018-2019

Complete Course Title: Introduction to Mathematical Economics

Abbreviated Course Title: INTRO MATH ECONOMICS

Catalog course description:
Introduction to mathematical economics; application of mathematical tools in economic theory; fundamental results from differential and integral calculus; duality theory in consumer and producer theory; classical optimization techniques, elementary differential equations and stability analysis.

Prerequisites and Restrictions:
- Grade of C in ECON 323 and ECON 410; MATH 131 or better in ECON 323 and ECON 410. MATH 142; junior or senior classification.

Concurrent Enrollment: No

Should catalog prerequisites / concurrent enrollment be enforced?: Yes

Enforced Prerequisites / Concurrent Enrollment

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https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/4532/index.htm... 10/30/2017
Crosslistings: No
Crosslisted With: No
Stacked: No
Stacked with: No

Semester: 3
Credit Hour(s): 3 (Contact Hour(s): Lecture: 3, Lab: 0, Other: 0, Total: 3)
Repeatable for credit? No
Three-peat? No
CIP/Fund Code: 4506030001
Default Grade Mode: Letter Grade (G)
Alternate Grade Modes: Satisfactory/Unsatisfactory
Method of instruction: Lecture
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No
Will this course be taught as a distance education course? No
Is 100% of this course going to be taught in Texas? Yes
Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:
Required (select program)
Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

Course Syllabus

Syllabus: Upload syllabus

Letters of support or other documentation: No

Additional information
Reviewer Comments
Sandra Williams (sandra williams) (07/26/17 11:39 am): Rollback: Returning to department as requested.
Sandra Williams (sandra williams) (08/10/17 10:43 am): Rollback: if you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in...").
Sandra Williams (sandra williams) (10/08/17 1:05 pm): UCC approved October 2017.

Reported to state?

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/4532/index.ht... 10/30/2017
Course Change Request

Date Submitted: 08/11/17 10:18 am

Viewing: ECON 465 : Contemporary Economic Issues

Last edit: 08/15/17 8:15 pm

Changes proposed by: kfelpel

Catalog Pages referencing this course

Department of Economics
ECON - Economics (ECON)

Faculty Senate Number

Contact(s)

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Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix: ECON
Course number: 465

Department: Economics
College/School: Liberal Arts

Effective terms: 2018-2019

Complete Course Title: Contemporary Economic Issues

Abbreviated Course Title: CONTEMP ECON ISSUES

Catalog Course Description:
Application of microeconomic and macroeconomic analyses to evaluate contemporary economic issues.

Prerequisites and Restrictions

Grade of C or better in ECON 323 and ECON 410.

Concurrent Enrollment: No

Should catalog prerequisites / concurrent enrollment be enforced?
Yes

Enforced Prerequisites / Concurrent Enrollment

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Crosslistings: No

Stacked: No

Catalog Pages referencing this course

In Workflow
1. ECON Department Head
2. Curricular Services Review
3. LA Committee Preparer UG
4. LA Committee Chair UG
5. LA College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

Approval Path
1. 08/11/17 4:28 pm
   Timothy Gronberg (tgronberg): Approved for ECON Department Head
2. 08/15/17 8:15 pm
   Sandra Williams (sandra.williams): Approved for Curricular Services Review
3. 08/16/17 8:29 am
   Penny Boice (pboice): Approved for LA Committee Preparer UG
4. 09/12/17 3:25 pm
   Steve Oberhelman (s-oberhelman): Approved for LA Committee Chair UG
5. 09/12/17 3:31 pm
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6. 09/13/17 7:28 pm
   Sandra Williams (sandra-williams): Approved for UCC Preparer
7. 10/08/17 1:07 pm
   Sandra Williams (sandra-williams): Approved for UCC Chair

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/4533/index.ht... 10/30/2017
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Repeatable for credit? No

Three-peat? No

CIP/Fund Code 4506010001

Default Grade Mode Letter Grade (G)

Alternate Grade Modes Satisfactory/Unsatisfactory

Method of instruction Lecture

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No

Will this course be taught as a distance education course? No

Is 100% of this course going to be taught in Texas? Yes

Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

**Course Syllabus**

- Syllabus: Upload syllabus
- Upload syllabus
- Letters of support or other documentation: No
- Additional information
- Reviewer Comments
  - Sandra Williams (sandra-williams) (07/26/17 11:39 am): Rollback: Returning to department as requested.
  - Sandra Williams (sandra-williams) (08/10/17 10:44 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ...”).
  - Sandra Williams (sandra-williams) (10/08/17 1:05 pm): UCC approved October 2017.
- Reported to state? No

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/4533/index.ht... 10/30/2017
Course Change Request

Viewing: ECON 470: Program Evaluation

Last edit: 08/15/17 8:17 pm
Changes proposed by: kfelpel

Catalog Pages referencing this course
- Department of Economics
- ECON - Economics (ECON)

Programs referencing this course

Faculty Senate Number

Contact(s)

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Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix: ECON
Course number: 470
Department: Economics
College/School: Liberal Arts
Academic Level: Undergraduate
Undergraduate course level justification (Select One):

Academic Level (alternate): Graduate
Effective term: 2018-2019

Complete Course Title: Program Evaluation
Abbreviated Course Title: PROGRAM EVALUATION

Catalog course description:
Economic approaches to program policy evaluation; empirical microeconomic tools; natural experiments; design experimental and quasi-experimental method.

Prerequisites and Restrictions:
Grade of C or better in ECON 323; grade of C or better in ECMT 461, STAT 211, or STAT 303; or approval of instructor.

Concurrent Enrollment: No
Should catalog prerequisites / concurrent enrollment be enforced? No

Crosslistings: No

Enforced Prerequisites / Concurrent Enrollment

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Approval Path

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   Timothy Gronberg (tgronberg): Approved for ECON Department Head
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   Sandra Williams (sandra-williams): Approved for UCC Chair
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This will be a required course or an elective course for the following programs:
- Required (select program)
- Elective (select program)
- Has/will this course be (en) submitted for core curriculum consideration? No
- Has/will this course be (en) submitted for Writing or Communication consideration? No
- Has/will this course be (en) submitted for ICD consideration? No

---

**Course Syllabus**

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation: No

Additional information: 

**Reviewer Comments**

Sandra Williams (sandra-williams) (07/26/17 11:39 am): Rollback: Returning to department as requested.

Sandra Williams (sandra-williams) (08/10/17 10:45 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in... ").

Sandra Williams (sandra-williams) (10/08/17 1:05 pm): UCC approved October 2017.

Reported to state? No
Course Change Request

In Workflow
1. ECON Department Head
2. Curricular Services Review
3. LA Committee Preparer
4. LA Committee Chair
5. LA College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

Approval Path
1. 08/11/17 4:28 pm
   Timothy Gronberg
   (tgronberg): Approved for ECON Department Head
2. 08/15/17 8:31 pm
   Sandra Williams
   (sandra williams): Approved for Curricular Services Review
3. 08/16/17 8:38 am
   Penny Boice
   (pboice): Approved for LA Committee Preparer
4. 09/12/17 3:25 pm
   Steve Oberhelman
   (s oberhelman): Approved for LA Committee Chair UG
5. 09/12/17 3:31 pm
   Steve Oberhelman
   (s oberhelman): Approved for LA College Dean UG
6. 09/13/17 7:28 pm
   Sandra Williams
   (sandra-williams): Approved for UCC Preparer
7. 10/08/17 1:07 pm
   Sandra Williams
   (sandra-williams): Approved for UCC Chair

Date Submitted: 08/11/17 10:20 am
Last edit: 08/15/178:30 pm
Changes proposed by: kfelpel

Catalog Pages referencing this course
Department of Economics ECON - Economics (ECON)

Faculty Senate Number

Contacts
<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kurt Felpel</td>
<td><a href="mailto:kfelpel@tamu.edu">kfelpel@tamu.edu</a></td>
<td>979-845-9953</td>
</tr>
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</table>

Rationale for Course
The proposed changes are part of a routine curriculum review.

Course prefix: ECON
Course number: 491
Department: Economics
College/School: Liberal Arts
Academic Level: Undergraduate

Undergraduate course level justification (Select One)
Academic Level [alternate] Graduate

Effective term: 2018-2019

Complete Course Title: Research
Abbreviated Course Title: RESEARCH

Catalog course description:
Research conducted under the direction of faculty member in economics.

Prerequisites and Restrictions:
Junior or senior classification; grade of C or better in ECON 323, 410, ECMT 463, and 410.

Concurrent Enrollment: No
Should catalog prerequisites / concurrent enrollment be enforced?: Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
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Crosslistings: No
Stacked: No

Catalog course description:
Research conducted under the direction of faculty member in economics.

Prerequisites and Restrictions:
Junior or senior classification; grade of C or better in ECON 323, 410, and ECMT 463.

Concurrent Enrollment: No
Should catalog prerequisites / concurrent enrollment be enforced?: Yes

Enforced Prerequisites / Concurrent Enrollment

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Crosslistings: No
Stacked: No

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/4538/index.htm...
Course Syllabus

Syllabus: Uploaded syllabus

Letter of support or other documentation: No

Additional information

Reviewer Comments

Sandra Williams (sandra.williams) (07/26/17 11:40 am): Rollback: Returning to department as requested.

Sandra Williams (sandra.williams) (08/10/17 10:46 am): Rollback: If you are requesting a grade of "C" or better for the enforced prerequisites, please include this statement as well in the catalog prerequisites. (For example, "A grade of C or better in ..."),

Sandra Williams (sandra.williams) (10/08/17 1:07 pm): UCC approved October 2017.

Reported to state:

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/4538/index...
Course Change Request

Date Submitted: 07/25/17 2:31 pm

Viewing: ENGR 281 : Engineering Honors Mentoring and Team Building Seminar II

Last edit: 07/26/17 3:20 pm

Changes proposed by: paulinewade

Catalog Pages referencing this course

<table>
<thead>
<tr>
<th>Program(s) referencing this course</th>
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<tbody>
<tr>
<td>BS-BMEN: Biomedical Engineering - BS</td>
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<tr>
<td>CERT-CU18: Engineering Honors - Certificate</td>
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Faculty Senate Number

Contact(s)

<table>
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<tr>
<th>Name</th>
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</thead>
<tbody>
<tr>
<td>Pauline Wade</td>
<td><a href="mailto:paulinewade@tamu.edu">paulinewade@tamu.edu</a></td>
<td>9794589393</td>
</tr>
</tbody>
</table>

Rationale for Course

The proposed changes are to support major changes to an existing program.

Course prefix ENGR Course number 281

Department College of Engineering

College/School College of Engineering

Academic Level Undergraduate

Undergraduate course level justification (Select One)

Effective term 2018-2019

Complete Course Title Engineering Honors Mentoring and Team Building Seminar II

Abbreviated Course Title EH MENTORING & TEAM BLDG ENGR HONORS SEMINAR II

Catalog course description

Selected topics related to peer mentoring and team building while participating in co-curricular activities; emphasis on building supportive relationships on campus; provides practical experience in being a member of a project involving campus or community-based engagement; for those serving as a Coach (i.e., student leader providing light mentoring to the residents) in the Engineering Honors Living Learning Community (Engineering Honors Community of Scholars or ECOS). Introduction to research and development in both university and industry settings.

Prerequisites and Restrictions

Appointment to be a Coach in ECOS; approval of instructor. Certificate in engineering honors membership; ENGR 181.

Concurrent Enrollment No

Should catalog prerequisites / concurrent enrollment be enforced? No

Crosslistings No Crosslisted With

Stacked No Stacked with

Repeatable for credit? Yes

Semester 1 Contact Hour(s) 1 Lecture: 1 Lab: 0 Other: 0 Total 1

Credit Hour(s) (per week):

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/5675/index.ht...
Number of times repeated for credit: 6

Maximum number of hours: Within a student's career

Three-peat? No

CIP/Fund Code: 1401010006

Default Grade Mode: Satisfactory/Unsatisfactory(S)

Alternate Grade Modes:

Method of instruction:
- Lecture
- Seminar

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)

Will this course be taught as a distance education course? No

Is 100% of this course going to be taught in Texas? Yes

Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:
- Required (select program)
- Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

---

**Course Syllabus**

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation: No

Additional information

Reviewer Comments:
- Sandra Williams (sandra-williams) (07/25/17 10:22 am): Rollback: Please update the catalog course description to conform to the catalog course description style guide. Please reference our website: http://registrar.tamu.edu/Our-Services/Curricular-Services/Catalog/Style-Guide-for-Catalog-Course-Descriptions
- Sandra Williams (sandra-williams) (07/26/17 3:20 pm): Update received.

Reported to state? Change
Course Change Request

Date Submitted: 07/25/17 2:44 pm

Viewing: ENGR 381 : Engineering Honors Leadership and Project Management Seminar III

Last edit: 07/26/17 3:21 pm

Changes proposed by: paulinewade

Catalog Pages referencing this course
- ENGR - Engineering (ENGR)

Programs referencing this course
- BS-BMEN: Biomedical Engineering - BS
- CERT-CUIB: Engineering Honors - Certificate

Faculty Senate Number

Contact(s)

<table>
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<td><a href="mailto:paulinewade@tamu.edu">paulinewade@tamu.edu</a></td>
<td>9794589393</td>
</tr>
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Rationale for Course

Edit

The proposed changes are to support major changes to an existing program.

Course prefix ENGR Course number 381

Department College of Engineering
College/School College of Engineering
Academic Level Undergraduate

Undergraduate course level justification (Select One)

Academic Level (alternate) Graduate
Effective term 2018-2019

Complete Course Title Engineering Honors Leadership and Project Management Seminar III

Abbreviated Course Title EH LEADERSHIP & PROJ MGMT ENGR HONORS SEMINAR III

Catalog course description

Selected topics related to leadership and project management theory and practice in the context of co-curricular activities, involving multidisciplinary teams; provides practical experience in leading projects involving community-based engagement and residence-based programming; for those serving as Fellows, student leaders in the Engineering Honors Living Learning Community (Engineering Honors Community of Scholars or ECOS). Exploration of research and development opportunities, university and industry research, research commercialization. To be taken on a satisfactory/unsatisfactory basis.

Prerequisites and Restrictions

Appointment to be a Fellow in ECOS; approval of instructor. Certificate in engineering honors membership; ENGR 381.

Concurrent Enrollment No
Should catalog prerequisites / concurrent enrollment be enforced? No

Crosslistings No Crosslisted With
Stacked No Stacked with

Semester 1 Credit Hour(s) 1 Contact Hour(s) per week: Lecture: 1 Lab: 0 Other: 0 Total 1

Repeatable for credit? Yes

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/5685/index.ht...
Number of times repeated for credit: 6
- OR -
Maximum number of hours
When will this course be repeated? Within a student’s career

Three-peat? No

CIP/Fund Code: 140101006

Default Grade Mode: Letter Grade (G) Satisfactory/Unsatisfactory

Alternate Grade Modes: Satisfactory/Unsatisfactory

Method of instruction: Seminar

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)

Will this course be taught as a distance education course? No

Is 100% of this course going to be taught in Texas? Yes

Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

Course Syllabus

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation: No

Additional information

Reviewer Comments

Sandra Williams (sandra-williams) (07/25/17 10:25 am): Rollback: Please update the catalog course description to conform to the catalog course description style guide. Please reference our website: http://registrar.tamu.edu/Our-Services/Curricular-Services/Catalog/Style-Guide-for-Catalog-Course-Descriptions

Sandra Williams (sandra-williams) (07/26/17 3:21 pm): Update received.


Reported to state? Change
Course Change Request

Date Submitted: 09/05/17 9:54 pm

Viewing: ENTO 301: Biodiversity and Biology of Insects

Last edit: 09/17/17 11:10 am

Changes proposed by: rhaps

Catalog Pages referencing this course
- Department of Entomology
  - ENTO - Entomology
  - ENTO - Entomology (ENTO)

Programs referencing this course
- BS:ENTO, Entomology - BS
- MINOR:ENTO, Entomology - Minor

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
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<tbody>
<tr>
<td>Rebecca Hapes</td>
<td><a href="mailto:rhaps@tamu.edu">rhaps@tamu.edu</a></td>
<td>979-845-9733</td>
</tr>
</tbody>
</table>

Rationale for Course

Edit

The proposed changes are for accreditation purposes.
The proposed changes are part of a routine curriculum review.

Course prefix ENTO Course number 301

Department Entomology

College/School Agriculture & Life Sciences

Academic Level Undergraduate

Undergraduate course level justification (Select One)

Academic Level (alternate)
- Graduate

Effective term 2018-2019

Complete Course Title Biodiversity and Biology of Insects

Abbreviated Course Title BIODIVERS & BIOL INSECTS

Catalog course description

Introduction to orders and most important families of insects; order-level morphology and family-level natural history; collection of insects identified to family level provides introduction to collection methods and specimen preparation.

Prerequisites and Restrictions

ENTO 201, 202 or ENTO 209; BIOL 111 and BIOL 112; 200-6 hours of biological sciences; junior or senior classification or approval of instructor.

Concurrent Enrollment No

Should catalog prerequisites / concurrent enrollment be enforced? Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
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Approval Path

1. 09/08/17 3:09 pm
   Pete Teel (pteel): Approved for ENTO Department Head

2. 09/17/17 11:10 am
   Sandra Williams (sandra-williams): Approved for Curricular Services Review

3. 09/18/17 9:23 am
   Dawn Kerstetter (dkerstetter): Approved for AG Committee Preparer UG

4. 09/18/17 1:19 pm
   Bob Knight (bob-knight): Approved for AG Committee Chair UG

5. 09/20/17 2:26 pm
   Kim Dooley (k-dooley): Approved for AG College Dean UG

6. 09/21/17 4:48 pm
   Sandra Williams (sandra-williams): Approved for UCC Preparer

7. 10/08/17 1:08 pm
   Sandra Williams (sandra-williams): Approved for UCC Chair
<table>
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<th>Lab:</th>
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Repeatable for credit? No

Three-peat? No

CIP/Fund Code 2607020002

Default Grade Mode Letter Grade (G)

Alternate Grade Modes Satisfactory/Unsatisfactory

Method of instruction Lecture and Laboratory

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No

Will this course be taught as a distance education course? No

Is 100% of this course going to be taught in Texas? Yes

Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

<table>
<thead>
<tr>
<th>Required (select program)</th>
<th>Program(s)</th>
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</thead>
<tbody>
<tr>
<td>(BS-ENTO) Entomology - BS</td>
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Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

---

**Course Syllabus**

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation: No

Additional information

Reviewer Comments: Pete Teel (pteel) (08/25/17 9:03 am): The proposed changes are part of a routine curriculum review.


Sandra Williams (sandra-williams) (09/05/17 11:58 am): NOTE: If the course will be taught in a non-traditional format, the question on the form needs to be updated.
Bob Knight (bob-knight) (09/05/17 4:17 pm): Rollback: see Sandra's comment below.
Dawn Kerstetter (dkerstetter) (09/05/17 4:21 pm): Rollback: see Sandra Williams and Dr. Knight's comments
Sandra Williams (sandra-williams) (10/08/17 1:08 pm): UCC approved October 2017.

Reported to state?
No
## Course Change Request

**Course:** ENTO 401 : Principles of Integrated Pest Management  
**Last edit:** 09/17/17 12:34 pm  
**Changes proposed by:** rhapes

### Catalog Pages referencing this course
- Department of Entomology
- ENTO - Entomology (ENTO)
- BS-ENTO, Entomology - BS
- BS-PSSC-CRP: Plant and Environmental Soil Science - BS, Crops Emphasis
- BS-PSSC-SWR: Plant and Environmental Soil Science - BS, Soil and Water Emphasis
- BS-TGSC: Turfgrass Science - BS

### Programs referencing this course
- BS-ENTO: Entomology
- BS-PSSC-CRP: Plant and Environmental Soil Science - BS, Crops Emphasis
- BS-PSSC-SWR: Plant and Environmental Soil Science - BS, Soil and Water Emphasis
- BS-TGSC: Turfgrass Science - BS

### Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
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<tbody>
<tr>
<td>Ann Pool</td>
<td><a href="mailto:annpool@tamu.edu">annpool@tamu.edu</a></td>
<td>979-845-0122</td>
</tr>
</tbody>
</table>

### Rationale for Course

**The proposed changes are part of a routine curriculum review.**

### Course Information

- **Course prefix:** ENTO  
- **Course number:** 401  
- **Department:** Entomology  
- **College/School:** Agriculture & Life Sciences  
- **Academic Level:** Undergraduate  
- **Undergraduate course level justification (Select One):**

#### Effective term
- 2018-2019

#### Complete Course Title
- Principles of Integrated Pest Management

#### Abbreviated Course Title
- PRINCL OF INTGR INT PEST MGMT

### Catalog course description

Integrated pest management (IPM) concepts, principles, development and application; IPM constitutes a series of pest control tactics and strategies toward more sustainable agriculture, natural resources, and urban and rural health and well-being.

### Prerequisites and Restrictions

- **ENTO 201 or ENTO 208; ENTO 209**

### Concurrent Enrollment

- **No**

### Should catalog prerequisites / concurrent enrollment be enforced?

- **Yes**

### Approval Path

1. 08/25/17 9:05 am
   - Pete Teel (pteel):
     - Approved for ENTO Department Head

2. 08/26/17 10:47 am
   - Sandra Williams (sandra williams):
     - Approved for Curricular Services Review

3. 08/30/17 8:02 am
   - Dawn Kerstetter (dkerstetter):
     - Approved for AG Committee Preparer UG

4. 09/01/17 11:45 am
   - Bob Knight (bob knight):
     - Approved for AG Committee Chair UG

5. 09/04/17 11:44 am
   - Kim Dooley (kdooley):
     - Approved for AG College Dean UG

6. 09/04/17 3:16 pm
   - Dawn Kerstetter (dkerstetter):
     - Approved for UCC Preparer

7. 09/14/17 12:57 pm
   - Jim Herman (jherman):
     - RollBack to AG Committee Chair UG for UCC Chair

8. 09/17/17 12:38 pm
   - Bob Knight (bob knight):
     - Approved for AG Committee Chair UG

9. 09/18/17 9:15 am
   - Kim Dooley (kdooley):
     - Approved for AG College Dean UG

10. 09/18/17 11:37 am
    - Sandra Williams (sandra williams):
      - Approved for UCC Preparer

---

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/5888/index.ht...  
10/30/2017
### Enforced Prerequisites / Concurrent Enrollment

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Repeatable for credit? No
CIP/Fund Code 2607020002
Default Grade Mode Letter Grade(G)
Method of instruction Lecture and Laboratory
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No
Will this course be taught as a distance education course? No
Is 100% of this course going to be taught in Texas? Yes
Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:
- Required (select program)
- Elective (select program)
- Has/will this course be (en) submitted for core curriculum consideration? No
- Has/will this course be (en) submitted for Writing or Communication consideration? No
- Has/will this course be (en) submitted for ICD consideration? No

### Course Syllabus

**Syllabus:**
Upload syllabus

Upload syllabus

Letters of support or other documentation No

Additional information

---

Course Change Request

Viewing: ENTO 402 : Field-Crop Insects

Last edit: 08/26/17 10:53 am
Changes proposed by: ann-pool

Rationale for Course

The proposed changes are part of a routine curriculum review.

Catalog course description

Application of management strategies for insect/mite pests of small grains, corn, cotton, rice, sorghum, stored products and sunflower; nature and symptoms of damage, life history and habits of common pests. Laboratory consists of pest and pest damage identification supported by field trips.

Prerequisites and Restrictions

- ENTO 201, ENTO 208 or ENTO 209 equivalent.

Catalog Pages

- Department of Entomology
  - ENTO - Entomology (ENTO)
- Programs referencing this course
  - BS-ENTO, Entomology - BS
  - MINOR-ENTO, Entomology - Minor

Programs referencing this course

Complete Course Title

Field-Crop Insects

Abbreviated Course Title

FIELD-CROP INSECTS

Enforced Prerequisites / Concurrent Enrollment

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<tr>
<th>And/Or</th>
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Contact(s)

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<td><a href="mailto:annpool@tamu.edu">annpool@tamu.edu</a></td>
<td>979-845-0122</td>
</tr>
</tbody>
</table>

Approval Path

1. 08/25/17 9:06 am
   Pete Teel (pteel):
   Approved for ENTO Department Head
2. 08/26/17 10:53 am
   Sandra Williams (sandra-williams):
   Approved for Curricular Services Review
3. 08/30/17 8:02 am
   Dawn Kerstetter (dkerstetter):
   Approved for AG Committee Preparer UG
4. 09/01/17 11:45 am
   Bob Knight (bob-knight):
   Approved for AG Committee Chair UG
5. 09/04/17 11:44 am
   Kim Dooley (k-dooley):
   Approved for AG College Dean UG
6. 09/04/17 3:17 pm
   Sandra Williams (sandra-williams):
   Approved for UCC Preparer
7. 10/08/17 1:08 pm
   Sandra Williams (sandra-williams):
   Approved for UCC Chair
<table>
<thead>
<tr>
<th>Semester</th>
<th>Credit Hour(s)</th>
<th>Contact Hour(s) (per week):</th>
<th>Lecture:</th>
<th>Lab:</th>
<th>Other:</th>
<th>Total</th>
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<tr>
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<td>2</td>
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</table>

Repeatable for credit? No
Three-peat? No
CIP/Fund Code 0111050005
Default Grade Mode Letter Grade (G)
Alternate Grade Modes Satisfactory/Unsatisfactory
Method of instruction Lecture and Laboratory
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No
Will this course be taught as a distance education course? Yes
Is 100% of this course going to be taught in Texas? Yes
Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

<table>
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<tbody>
<tr>
<td>(BS-ENTO) Entomology - BS</td>
</tr>
</tbody>
</table>

Has/will this course be (en) submitted for core curriculum consideration? No
Has/will this course be (en) submitted for Writing or Communication consideration? No
Has/will this course be (en) submitted for ICD consideration? No

Course Syllabus

<table>
<thead>
<tr>
<th>Syllabus:</th>
<th>Upload syllabus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upload syllabus</td>
<td></td>
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</tbody>
</table>

| Letters of support or other documentation | No |
| Additional information             |     |
| Reviewer Comments                 | Sandra Williams (sandra-williams) (10/08/17 1:08 pm): UCC approved October 2017. |
| Reported to state?                | No  |

Reported to state? No
Course Change Request

Date Submitted: 08/24/17 2:59 pm

Viewing: ENTO 403 : Urban Entomology

Last edit: 09/17/17 12:35 pm

Changes proposed by: rhapes

Catalog Pages referencing this course
Department of Entomology
ENTO - Entomology (ENTO)

Programs referencing this course
BS-ENTST: Environmental Studies - BS
BS-ENTO: Entomology - BS
BS-FIVS-SCE: Forensic and Investigative Sciences - BS, Science Emphasis
CERT-CU46: Public Health Entomology - Certificate

Contact(s)

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Rationale for Course

The proposed changes are part of a routine curriculum review.

Edit

Course prefix ENTO Course number 403
Department Entomology
College/School Agriculture & Life Sciences
Academic Level Undergraduate

Undergraduate course level justification (Select One)

Effective term 2018-2019

Complete Course Title Urban Entomology
Abbreviated Course Title URBAN ENTOMOLOGY

Catalog course description
Biology, economic importance and control strategies for arthropod pests commonly invading households and commercial structures in urban environments; laboratory consists of urban pest identification and special presentations and demonstrations covering topics related to urban pest problems and their control. Offered in 2011-2012 academic year and alternating years thereafter.

Prerequisites and Restrictions

ENTO 201, 208 or ENTO 208 and ENTO 209, equivalent or approval of instructor.

Concurrent Enrollment No
Should catalog prerequisites / concurrent enrollment be enforced? Yes No
Crosslistings: No

Stacked: No

Semester: 3
Credit Hour(s): 3

Contact Hour(s) per week:
- Lecture: 2
- Lab: 3
- Other: 0
Total: 5

Repeatable for credit?: No

CIP/Fund Code:
- 2607020002
- 0111050005

Default Grade Mode: Letter Grade (G)

Method of instruction: Lecture and Laboratory

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)
- No

Is 100% of this course going to be taught in Texas?
- Yes

Will classroom space be needed for this course?
- Yes

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

Program(s)
- (BS-ENTO) Entomology - BS
- (BS-FIVS.SCE) Forensic and Investigative Sciences - BS, Science Emphasis

Has/will this course be (en) submitted for core curriculum consideration?
- No

Has/will this course be (en) submitted for Writing or Communication consideration?
- No

Has/will this course be (en) submitted for ICD consideration?
- No

Course Syllabus

Syllabus:
- Upload syllabus

Upload syllabus:
- No
Letters of support or other documentation

Additional information

Reviewer Comments

Jim Herman (jherman) (09/14/17 12:57 pm): Rollback: College Request
Sandra Williams (sandra-williams) (10/08/17 1:08 pm): UCC approved October 2017.
### Catalog Pages
- Department of Entomology
- ENTO - Entomology (ENTO)

### Programs referencing this course
- BS-ENTO - Entomology - BS
- BS-FIVS-SCIE - Forensic and Investigative Sciences - BS, Science Emphasis
- BS-PHLS - Public Health - BS
- BS-USVM-BM - University Studies - BS, Biomedical Sciences Concentration

### Faculty Senate Number

### Contact(s)

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### Rationale for Course

The proposed changes are part of a routine curriculum review.

### Catalog course description

Biologies, disease relationships, and control of insects and other arthropods parasitic on or in humans; aspect of the fields of clinical and preventative medicine; survey, collection and taxonomy of medically-important arthropods in laboratory sessions.

### Prerequisites and Restrictions

**BIOL 111** junior or senior classification or approval of instructor.

### Enforced Prerequisites / Concurrent Enrollment

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### Semester Credit Hour(s)

- Contact Hour(s): 2
- Lecture: 2
- Lab: 3
- Other: 0
- Total: 5
Repeatable for credit? No
Three-peat? No
CIP/Fund Code 2601020002
Default Grade Mode Letter Grade (G)
Alternate Grade Modes Satisfactory/Unsatisfactory
Method of instruction Lecture and Laboratory
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No
Will this course be taught as a distance education course? No
Is 100% of this course going to be taught in Texas? Yes
Will classroom space be needed for this course? Yes
This will be a required course or an elective course for the following programs:
Required (select program)
Elective (select program)
Has/will this course be (en) submitted for core curriculum consideration? No
Has/will this course be (en) submitted for Writing or Communication consideration? No
Has/will this course be (en) submitted for ICD consideration? No

**Course Syllabus**

Syllabus: Upload syllabus
Upload syllabus

Letters of support or other documentation No
Additional information

Reported to state? No
In Workflow
1. ENTO Department Head
2. Curricular Services Review
3. AG Committee Preparer UG
4. AG Committee Chair UG
5. AG College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

Approval Path
1. 08/25/17 9:09 am Pete Teel (pteel): Approved for ENTO Department Head
2. 08/26/17 11:09 am Sandra Williams (sandra williams): Approved for Curricular Services Review
3. 08/30/17 8:10 am Dawn Kerstetter (dkerstetter): Approved for AG Committee Preparer UG
4. 09/01/17 11:46 am Bob Knight (bob knight): Approved for AG Committee Chair UG
5. 09/04/17 11:44 am Kim Dooley (k-dooley): Approved for AG College Dean UG
6. 09/04/17 3:17 pm Sandra Williams (sandra-williams): Approved for UCC Preparer
7. 09/14/17 12:57 pm Jim Herman (jherman): Rollback to AG Committee Chair UG for UCC Chair
8. 09/17/17 12:38 pm Bob Knight (bob knight): Approved for AG Committee Chair UG
9. 09/18/17 9:16 am Kim Dooley (k-dooley): Approved for AG College Dean UG
10. 09/18/17 11:37 am Sandra Williams (sandra-williams): Approved for UCC Preparer

Course Change Request

Date Submitted: 08/24/17 4:10 pm

Viewing: ENTO 435: Case Studies in Problem Solving

Last edit: 09/17/17 12:36 pm

Changes proposed by: ann-pool

Course prefix: ENTO
Course number: 435

Department: Entomology
College/School: Agriculture & Life Sciences
Academic Level: Undergraduate

Undergraduate course level justification (Select One)
2017-2018

Complete Course Title
Case Studies in Problem Solving

Abbreviated Course Title
CASE STUDIES PROBLEM SLV

Catalog course
development
Development of reasoning strategies by examining a variety of case studies, science and scientific methods; solving real-world problems as part of an investigative team.

Prerequisites and Restrictions
ENTO 201, senior classification or ENTO 208 and ENTO 209; ENTO 482; senior classification or approval of instructor.

Concurrent Enrollment
No

Should catalog prerequisites / concurrent enrollment be enforced?
Yes

Rationale for Course

The proposed changes are part of a routine curriculum review.

Contact(s)

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Rebecca Hapes</td>
<td><a href="mailto:rhapes@tamu.edu">rhapes@tamu.edu</a></td>
<td>979-862-5695</td>
</tr>
</tbody>
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### Enforced Prerequisites / Concurrent Enrollment

<table>
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<td>And</td>
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</thead>
<tbody>
<tr>
<td>Stacked</td>
<td>No</td>
<td>Stacked with</td>
</tr>
</tbody>
</table>

- Semester 3
- Credit 3 Contact Hour(s)
- Lecture: 3 Lab: 0 Other: 0 Total 3
- Repeatable for credit? No
- CIP/Fund Code 2607020002 4301060002
- Default Grade Mode Letter Grade (G)
- Method of instruction Lecture
- Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No
- Will this course be taught as a distance education course? No
- Is 100% of this course going to be taught in Texas? Yes
- Will classroom space be needed for this course? Yes
- This will be a required course or an elective course for the following programs:

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<tr>
<td>(BS-ENTO) Entomology - BS</td>
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### Course Syllabus

- Syllabus: Upload syllabus
- Upload syllabus 16_ENTO 435 Syllabus_2.doc

---

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/5901/index.ht...  10/30/2017
Letters of support or other documentation: No

Additional information.

Reviewer Comments:
- Sandra Williams (sandra-williams) (09/15/16 10:23 am): Rollback: I'm not sure what is changing on the course. I don't see any edits/changes to the course.
- Sandra Williams (sandra-williams) (08/26/17 11:09 am): Edits made to enforced prerequisite table.
- Jim Herman (jherman) (09/14/17 12:57 pm): Rollback: College Request
Syllabus
ENTO 435 Case Studies in Problem Solving
Spring Semester 2016
Three Credit Hours (3-0)
T-Th 12:45-14:00
Room 102 Heep Center-West Campus

Instructors: Dr. Cecilia Tamborindeyug, Associate Professor

Department of Entomology
Texas A&M University
Office: Rm 516 Heep Center
Email: ctamborindeyug@tamu.edu

Description/Expectations: This capstone course is designed to help students develop problem-solving skills for real world situations. Entomological systems provide excellent material for gaining experience due to biological diversity, expansive scale, and importance to environmental, agricultural, and human health issues. Students are expected to identify and provide order to the components of problem solving, develop logical arguments from different perspectives, and communicate decision-making processes as a member of a problem solving team. The scale of problem solving will extend from laboratory and field, to community, state, and national levels.

Student Learning Outcomes:
• Assess, define and communicate problems from simple to complex levels.
• Define and debate problems and solutions from different points of view.
• Participate in the development and assessment of logical arguments, appropriate uses of evidence, and integration of varied types of information (quantitative, qualitative, text, image, etc.) in problem solving.
• Recognize the responsibilities and opportunities associated with citizenship in an increasingly interconnected and interdependent world.

Prerequisites: Junior or Senior classification, or approval of instructor.

Required Reading: Selected materials include web-based, scientific and public domain articles, and other selected materials appropriate to specific case studies.

Grading:
• Paper and presentation on Scientific Method………………15% (150 pts)
• Team paper and presentation on Critical Analysis *…………20% (200 pts)
• Case Study Analyses*……………………………………….25% (250 pts)
• Current Issues Debate*……………………………………….25% (250 pts)
• Attendance and Participation………………………………15% (150 pts)
• There is no final examination in this course.
A=90-100% of cumulative points; B=80-89; C=70-79; D=60-69; F=<60.
To pass this course, you must pass the W [or C] component. [NOTE: In this case the student can receive a failing grade.]

Course activities designated by * include formal presentations with a requirement for business casual or business professional dress. Students are guided to “Dress for Success” at the Career Center website for information and guidelines on professional dress.

Each course activity will include assessment of written documents and oral presentations. Activities indicated by * will be assigned to teams and teamwork will be evaluated by individual assessments based upon a rubric for participation.

**Estimated Schedule of Classroom Activities (Schedule and Assignments are Subject to Change):**

Jan 19  Introduction; syllabus review; development of “participation rubric”.
Jan 21  Discussion of the Scientific Method. Assignment of single scientific article review.

Jan 26  ANRP presentation. Discussion of the Scientific Method and preparations for assignment completion.
Jan 28  Discussion of the Scientific Method and preparations for assignment completion.

Feb 2  Classroom presentations: single peer reviewed article.
Feb 4  Classroom presentations: single peer reviewed article.

Feb 9  Expanded problem solving in science: interconnected ideas and critical assessment. Assignment II teams; Assignment and Review of Topic Selection and Rubric for Written and Oral Products.
Feb 11  Expanded problem solving in science: developing and testing hypotheses. Teams select topic areas for research.

Feb 16  Classroom Teamwork; Q&A Session.
Feb 18  Classroom Teamwork; Q&A Session.

Feb 23  Classroom presentations.
Feb 25  Classroom presentations.

Mar 1  Case studies: Granovsky Associates.
Mar 3  Case studies: Granovsky Associates. Case studies team assignments and case reviews; products of assignment II reviewed and discussed.

Mar 8  Teamwork and classroom discussion.
Mar 10  Teamwork and classroom discussion.

Mar 14-18  Spring Break

Mar 22  Case study final Q/A and preparation.
Mar 24  Classroom Presentations.
Mar 29  Classroom Presentations.
Mar 31  Case study written products due.  Presentation: Expanded Problem Solving –
Science, Technology, Policy, & Regulation.

Apr 5  Presentation on Debate: a forum for argument, compromise, and finding solutions.
Issue debate topics and team assignments.
Apr 7  Debate protocol: Teamwork and classroom discussions.

Apr 12 Debate research: Teamwork and classroom discussions
Apr 14 Debate research: class discussion and final preparation.

Apr 19  Debates.
Apr 21 Debates.

Apr 26 Debates.
Apr 28  Course summary and discussion.

Classroom Expectations: Be in class on time and be prepared for classroom
discussion/participation. Turn off all cell phones, pagers, and other communication
devices that would cause interruptions. Gentlemen remove caps. Be aware of and
observe all classroom safety rules and regulations. Assist others.

Attendance Policy and Make-up Policies
In the event of a University approved excuse, the student will be allowed to make up work. To be
excused the student must notify the instructor in writing (acknowledged e-mail message is
acceptable) and provide appropriate documentation for the absence. The attendance policy
followed will be as stated in Section 7 of Texas A&M University, Student Rule #7 (http://student-
rules.tamu.edu/rule07).

Americans with Disabilities Act (ADA) Policy
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides
comprehensive civil rights protection for persons with disabilities. Among other things, this
legislation requires that all students with disabilities be guaranteed a learning environment that
provides for reasonable accommodation of their disabilities. If you believe you have a disability
requiring an accommodation, please contact Disability Services, currently located in the
Disability Services building at the Student Services at White Creek complex on west campus or
call 979-845-1637. For additional information, visit http://disability.tamu.edu.

Academic Integrity Statement
"An Aggie does not lie, cheat, or steal or tolerate those who do."
Upon accepting admission to Texas A&M University, a student immediately assumes a
commitment to uphold the Honor Code, to accept responsibility for learning and to follow the
philosophy and rules of the Honor System. Students will be required to state their commitment
on examinations, research papers, and other academic work. Ignorance of the rules does not
exclude any member of the Texas A&M University community from the requirements or the
processes of the Honor System. For additional information please visit:
www.tamu.edu/aggiehonor.
The University Writing Center (UWC), located in 214 Evans Library and 205 West Campus Library, offers one-on-one consultations to writers preparing documents, slides, or oral presentations. UWC consultations are highly recommended but are not required. Help is available for all of the steps of the writing and speechwriting process including assistance with brainstorming ideas, narrowing the topic, creating outlines or drafts, and presenting a speech to an audience. UWC consultants can help you practice your speech with a real audience or develop visual presentation aids like slides and handouts. Consultants can also help you improve your proofreading and editing skills. If you visit the UWC, take a copy of your assignment, a hard copy of your draft or any notes you may have, as well as any material you need help with. To find out more about UWC services or to schedule an appointment, call 458-1455, visit the web page at writingcenter.tamu.edu, or stop by in person.
Course Change Request

Viewing: ENTO 481: Seminar

Last edit: 08/26/17 11:11 am

Changes proposed by: ann-pool

Catalog Pages referencing this course:
- Department of Entomology
- ENTO - Entomology (ENTO)

Programs referencing this course:
- BS-ENTO: Entomology - BS
- MINOR-ENTO: Entomology - Minor

Faculty Senate Number

Contact(s)

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Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix: ENTO
Course number: 481
Department: Entomology
College/School: Agriculture & Life Sciences
Academic Level: Undergraduate

Complete Course Title
- Seminar

Abbreviated Course Title
- SEMINAR

Catalog course description
- Report of original investigations, current literature and special features of entomology.

Prerequisites and Restrictions
- ENTO 201, 201 or ENTO 208 and ENTO 209, equivalent, junior or senior classification.

Concurrent Enrollment
- No

Should catalog prerequisites / concurrent enrollment be enforced?
- Yes [x]

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
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Crosslistings
- No
- Crosslisted With

Stacked
- No
- Stacked with

Date Submitted: 08/24/17 4:11 pm

Viewing: ENTO 481: Seminar

Last edit: 08/26/17 11:11 am

Changes proposed by: ann-pool

Catalog Pages referencing this course:
- Department of Entomology
- ENTO - Entomology (ENTO)

Programs referencing this course:
- BS-ENTO: Entomology - BS
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Faculty Senate Number

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Rationale for Course

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Course prefix: ENTO
Course number: 481
Department: Entomology
College/School: Agriculture & Life Sciences
Academic Level: Undergraduate

Complete Course Title
- Seminar

Abbreviated Course Title
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Catalog course description
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Prerequisites and Restrictions
- ENTO 201, 201 or ENTO 208 and ENTO 209, equivalent, junior or senior classification.

Concurrent Enrollment
- No

Should catalog prerequisites / concurrent enrollment be enforced?
- Yes [x]

Enforced Prerequisites / Concurrent Enrollment

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Crosslistings
- No
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Date Submitted: 08/24/17 4:11 pm

Viewing: ENTO 481: Seminar

Last edit: 08/26/17 11:11 am

Changes proposed by: ann-pool

Catalog Pages referencing this course:
- Department of Entomology
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Rationale for Course

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Course prefix: ENTO
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Department: Entomology
College/School: Agriculture & Life Sciences
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- Seminar

Abbreviated Course Title
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Catalog course description
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Prerequisites and Restrictions
- ENTO 201, 201 or ENTO 208 and ENTO 209, equivalent, junior or senior classification.

Concurrent Enrollment
- No

Should catalog prerequisites / concurrent enrollment be enforced?
- Yes [x]

Enforced Prerequisites / Concurrent Enrollment

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<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>Concurrency?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ENTO 201</td>
<td>D</td>
<td>UG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENTO 208</td>
<td>D</td>
<td>UG</td>
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</tr>
<tr>
<td></td>
<td>ENTO 209</td>
<td>D</td>
<td>UG</td>
<td></td>
</tr>
</tbody>
</table>

Crosslistings
- No
- Crosslisted With

Stacked
- No
- Stacked with

Date Submitted: 08/24/17 4:11 pm

Viewing: ENTO 481: Seminar

Last edit: 08/26/17 11:11 am

Changes proposed by: ann-pool

Catalog Pages referencing this course:
- Department of Entomology
- ENTO - Entomology (ENTO)

Programs referencing this course:
- BS-ENTO: Entomology - BS
- MINOR-ENTO: Entomology - Minor

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ann Pool</td>
<td><a href="mailto:annpool@tamu.edu">annpool@tamu.edu</a></td>
<td>979-845-0122</td>
</tr>
</tbody>
</table>

Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix: ENTO
Course number: 481
Department: Entomology
College/School: Agriculture & Life Sciences
Academic Level: Undergraduate

Complete Course Title
- Seminar

Abbreviated Course Title
- SEMINAR

Catalog course description
- Report of original investigations, current literature and special features of entomology.

Prerequisites and Restrictions
- ENTO 201, 201 or ENTO 208 and ENTO 209, equivalent, junior or senior classification.

Concurrent Enrollment
- No

Should catalog prerequisites / concurrent enrollment be enforced?
- Yes [x]

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>Concurrency?</th>
</tr>
</thead>
<tbody>
<tr>
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<td>UG</td>
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</tr>
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<td>D</td>
<td>UG</td>
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<td></td>
<td>ENTO 209</td>
<td>D</td>
<td>UG</td>
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</tr>
</tbody>
</table>

Crosslistings
- No
- Crosslisted With

Stacked
- No
- Stacked with

Date Submitted: 08/24/17 4:11 pm
Course Syllabus

Syllabus: Upload syllabus
Upload syllabus

Letters of support or other documentation: No
Additional information

Reviewer Comments: Sandra Williams (sandra-williams) (08/26/17 11:11 am): Edits made to enforced prerequisite table.

Reported to state? No

Key: SRS
## Course Change Request

**Date Submitted:** 08/24/17 4:13 pm

**Viewing:** **ENTO 482 : Occupational and Professional Development**

**Last edit:** 08/26/17 11:13 am

Changes proposed by: ann-pool

---

### In Workflow

1. **ENTO Department Head**
2. **Curricular Services Review**
3. **AG Committee Preparer UG**
4. **AG Committee Chair UG**
5. **AG College Dean UG**
6. **UCC Preparer**
7. **UCC Chair**
8. **Faculty Senate Preparer**
9. **Faculty Senate**
10. **Provost II**
11. **President**
12. **Curricular Services**
13. **Banner**

---

### Approval Path

1. **08/25/17 9:09 am**
   Pete Teel (pteel): Approved for ENTO Department Head
2. **08/26/17 11:13 am**
   Sandra Williams (sandra-williams): Approved for Curricular Services Review
3. **08/30/17 8:09 am**
   Dawn Kerstetter (dkerstetter): Approved for AG Committee Preparer UG
4. **09/01/17 11:46 am**
   Bob Knight (b-knight): Approved for AG Committee Chair UG
5. **09/04/17 11:44 am**
   Kim Dooley (k-dooley): Approved for AG College Dean UG
6. **09/04/17 3:18 pm**
   Sandra Williams (sandra-williams): Approved for UCC Preparer
7. **10/08/17 1:10 pm**
   Sandra Williams (sandra-williams): Approved for UCC Chair

---

### Rationale for Course

The proposed changes are part of a routine curriculum review.

### Course Information

- **Course prefix:** ENTO
- **Course number:** 482
- **Department:** Entomology
- **College/School:** Agriculture & Life Sciences
- **Academic Level:** Undergraduate
- **Undergraduate course level justification:**

**Academic Level**

1. **Graduate**
2. **Undergraduate**

**Effective term:** 2018-2019

### Catalog Course Description

Organized instruction in written and oral communication; acquaint students with private and public-sector companies and agencies as well as leading professionals from these firms to reinforce academic instruction and prepare students for the transition to employment, graduate and professional schools.

### Prerequisites and Restrictions

- **ENTO 201, ENTO 208 or ENTO 209,** or approval of instructor.

### Should catalog prerequisites / concurrent enrollment be enforced?

- **Yes**

### Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>Concurrency?</th>
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<tbody>
<tr>
<td></td>
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<tr>
<td>Or</td>
<td>ENTO 208</td>
<td>D</td>
<td>UG</td>
<td>No</td>
</tr>
<tr>
<td>And</td>
<td>ENTO 209</td>
<td>D</td>
<td>UG</td>
<td>No</td>
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</tbody>
</table>

---

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/5906/index.ht... 10/30/2017
Crosslistings | No | Crosslisted With | No | Stacked with | No |
|----------------|-----|------------------|-----|--------------|-----|

**Semester** | 2 | **Credit Hour(s)** | 2 | **Contact Hour(s)** (per week): | 2 |
<table>
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<tr>
<td>Repeatability for credit?</td>
<td>No</td>
<td>Three-peat?</td>
<td>No</td>
<td>CIP/Fund Code</td>
<td>2607020002</td>
</tr>
<tr>
<td>Default Grade Mode</td>
<td>Letter Grade(G)</td>
<td>Alternate Grade Modes</td>
<td>Satisfactory/Unsatisfactory</td>
<td>Method of instruction</td>
<td>Lecture</td>
</tr>
</tbody>
</table>

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) | No |

Will this course be taught as a distance education course? | Yes |

Is 100% of this course going to be taught in Texas? | Yes |

Will classroom space be needed for this course? | Yes |

This will be a required course or an elective course for the following programs:

<table>
<thead>
<tr>
<th>Required (select program)</th>
<th>Program(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(BS-ENTO) Entomology - BS</td>
<td></td>
</tr>
<tr>
<td>(MINOR-ENTO) Entomology - Minor</td>
<td></td>
</tr>
</tbody>
</table>

**Syllabus**

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation | No |

Additional information

Reviewer Comments:

Sandra Williams (sandra-williams) (08/26/17 11:13 am): Edits made to enforced prerequisite table.


Reported to state? | No |
Course Change Request

Date Submitted: 09/05/17 4:10 pm

Viewing: ENTO 484 : Professional Internship

Last edit: 09/06/17 7:09 pm
Changes proposed by: ann-pool

Catalog Pages referencing this course
- Department of Entomology
  - ENTO - Entomology (ENTO)

Programs referencing this course
- BS-ENTO: Entomology - BS
- MINOR-ENTO: Entomology - Minor

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
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<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
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<td><a href="mailto:annpool@tamu.edu">annpool@tamu.edu</a></td>
<td>979-845-0122</td>
</tr>
</tbody>
</table>

Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix  ENTO  Course number  484
Department Entomology
College/School Agriculture & Life Sciences
Academic Level Undergraduate
Undergraduate course level justification (Select One)
- Graduate
Effective term 2018-2019

Complete Course Title Professional Internship
Abbreviated Course Title PROFESSIONAL INTERNSHIP

Catalog course description
Independent study and supervised field experience related to a professional area of interest in entomology.

Prerequisites and Restrictions
- ENTO 201, or ENTO 208 and ENTO 209; junior senior classification or senior classification or approval of instructor.

Concurrent Enrollment
- No

Should catalog prerequisites / concurrent enrollment be enforced?
- Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>Concurrency?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ENTO 201</td>
<td>D</td>
<td>UG</td>
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<tr>
<td>Or</td>
<td>ENTO 208</td>
<td>D</td>
<td>UG</td>
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<tr>
<td>And</td>
<td>ENTO 209</td>
<td>D</td>
<td>UG</td>
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</table>

Crosslistings
- No

Stacked
- No

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/5907/index.ht...
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</tr>
<tr>
<td>Contact Hour(s)</td>
<td>(per week):</td>
</tr>
<tr>
<td>Hours(s)</td>
<td></td>
</tr>
<tr>
<td>Repeatable for credit?</td>
<td>Yes</td>
</tr>
<tr>
<td>Number of times repeated for credit</td>
<td>1</td>
</tr>
<tr>
<td>When will this course be repeated?</td>
<td>Within a student's career</td>
</tr>
<tr>
<td>Three-peat?</td>
<td>No</td>
</tr>
<tr>
<td>CIP/Fund Code</td>
<td>2607020002</td>
</tr>
<tr>
<td>Default Grade Mode</td>
<td>Letter Grade(G)</td>
</tr>
<tr>
<td>Alternate Grade Modes</td>
<td>Satisfactory/Unsatisfactory</td>
</tr>
<tr>
<td>Method of instruction</td>
<td>Independent Study, Lecture, Lecture and Laboratory, Practicum, Research</td>
</tr>
<tr>
<td>Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)</td>
<td>No</td>
</tr>
<tr>
<td>Will this course be taught as a distance education course?</td>
<td>No</td>
</tr>
<tr>
<td>Is 100% of this course going to be taught in Texas?</td>
<td>Yes</td>
</tr>
<tr>
<td>Will classroom space be needed for this course?</td>
<td>No</td>
</tr>
</tbody>
</table>

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

**Course Syllabus**

<table>
<thead>
<tr>
<th>Syllabus:</th>
<th>Upload syllabus</th>
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</thead>
<tbody>
<tr>
<td>Upload syllabus</td>
<td></td>
</tr>
<tr>
<td>Letters of support or other documentation</td>
<td>No</td>
</tr>
<tr>
<td>Additional information</td>
<td></td>
</tr>
<tr>
<td>Reviewer Comments</td>
<td>Sandra Williams (sandra-williams) (08/26/17 11:16 am): Edits made to enforced prerequisite table. Sandra Williams (sandra-williams) (09/04/17 11:50 am): Rollback: Rolling back to AG Committee Chair as requested.</td>
</tr>
</tbody>
</table>

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/5907/index.ht...  
10/30/2017
Bob Knight (bob-knight) (09/05/17 2:55 pm): Rollback: drop or equivalent on prerequisites
Dawn Kerstetter (dkerstetter) (09/05/17 2:59 pm): Rollback: See Dr. Bob Knight's comment.
Sandra Williams (sandra-williams) (10/08/17 1:10 pm): UCC approved October 2017.

Reported to state?

No
### Course Change Request

**Viewing:** ENTO 485: Directed Studies

**Last approved:** 07/13/17 3:22 am  
**Last edit:** 08/26/17 11:18 am  
**Changes proposed by:** ann-pool

<table>
<thead>
<tr>
<th>Catalog Pages referencing this course</th>
<th>Programs referencing this course</th>
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<tbody>
<tr>
<td>Department of Entomology</td>
<td>BS: ENTO - Entomology - BS</td>
</tr>
<tr>
<td>ENTO - Entomology (ENTO)</td>
<td>MINOR: ENTO - Entomology - Minor</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contact(s)</th>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ann Pool</td>
<td><a href="mailto:annpool@tamu.edu">annpool@tamu.edu</a></td>
<td>979-845-0122</td>
</tr>
</tbody>
</table>

**Rationale for Course**

The proposed changes are part of a routine curriculum review.

**Course prefix** ENTO  
**Course number** 485  
**Department** Entomology  
**College/School** Agriculture & Life Sciences  
**Academic Level** Undergraduate  
**Undergraduate course level justification (Select One)**

- Graduate

**Effective term** 2018-2019  
**Complete Course Title** Directed Studies  
**Abbreviated Course Title** DIRECTED STUDIES

**Catalog course description**

Individual problems.

**Prerequisites and Restrictions**

ENTO 201, 208 or ENTO 209; equivalent; junior or senior classification; approval of instructor and and department head.

**Concurrent Enrollment**

No

**Should catalog prerequisites / concurrent enrollment be enforced?**

Yes No

**Enforced Prerequisites / Concurrent Enrollment**

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>Concurrency?</th>
</tr>
</thead>
<tbody>
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<tr>
<td>Or</td>
<td>ENTO 208</td>
<td>D</td>
<td>UG</td>
<td></td>
</tr>
<tr>
<td>And</td>
<td>ENTO 209</td>
<td>D</td>
<td>UG</td>
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</tbody>
</table>

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**History**

1. Jul 13, 2017 by sarah.gordon

---

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/5908/index.ht...  10/30/2017
Crosslistings: No  
Stacked: No  
Semester: 0-4  
Credit Hour(s): Contact Hour(s) (per week):
Lecture: 0  
Lab: 0  
Other: 0-4  
Total: 0-4  
Repeatable for credit? Yes  
Number of times repeated for credit: 12  
When will this course be repeated? Within the same semester  
Three-peat? Yes  
CIP/Fund Code: 2607020002  
Default Grade Mode: Letter Grade (G)  
Alternate Grade Modes: Satisfactory/Unsatisfactory  
Method of instruction: Independent Study  
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education): No  
Will this course be taught as a distance education course? No  
Is 100% of this course going to be taught in Texas? Yes  
Will classroom space be needed for this course? Yes  
This will be a required course or an elective course for the following programs:  
Required (select program)  
Elective (select program)  
Has/will this course be (en) submitted for core curriculum consideration? No  
Has/will this course be (en) submitted for Writing or Communication consideration? No  
Has/will this course be (en) submitted for ICD consideration? No  
Syllabus: Upload syllabus  
Upload syllabus  
Meeting Time Location:  
Letters of support or other documentation: No  
Additional information:  

Course Syllabus
Reviewer Comments

Sandra Williams (sandra-williams) (08/26/17 11:19 am): Edits made to enforced prerequisite table.

Sandra Williams (sandra-williams) (10/08/17 1:10 pm): UCC approved October 2017.

Reported to state?

No
Course Change Request

Date Submitted: 08/15/17 11:14 am

Viewing: ESSM 307: Forest Protection

Last edit: 08/15/17 8:39 pm

Changes proposed by: bob-knight

Catalog Pages referencing this course

Programs referencing this course

ESSM Ecosystem Science & Mgmt (ESSM)

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bob Knight</td>
<td><a href="mailto:bob-knight@tamu.edu">bob-knight@tamu.edu</a></td>
<td>979-324-6980</td>
</tr>
</tbody>
</table>

Rationale for Course

Edit

The proposed changes are to meet the demand/interest of students.

Catalog course description

Destructive agents in forestry as related to importance, identification, cause, extent of losses and protective measures.

Prerequisites and Restrictions

RENR 205, AGEC 105 or equivalent, junior or senior classification or approval of instructor.

Concurrent Enrollment

No

Should catalog prerequisites / concurrent enrollment be enforced?

Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>Concurrency?</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>RENR 205</td>
<td>D</td>
<td>UG</td>
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</tr>
</tbody>
</table>

Catalog course

Department of Ecosystem Science and Management

Department: ESSM

Course number: 307

Department: Ecosystem Science & Mgmt

Collage/School: Agriculture & Life Sciences

Academic Level: Undergraduate

Undergraduate course level justification (Select One)

Academic Level (alternate)

Graduate

Effective term

2018-2019

Complete Course Title

Forest Protection

Abbreviated Course Title

FOREST PROTECTION

Approval Path

1. 08/15/17 5:46 pm
   Mort Kothmann (m-kothmann): Approved for ESSM Reviewer UG

2. 08/15/17 6:36 pm
   Katy Kavanagh (katyk): Approved for ESSM Department Head

3. 08/15/17 8:39 pm
   Sandra Williams (sandra-williams): Approved for Curricular Services Review

4. 08/16/17 8:25 am
   Dawn Kerstetter (dkerstetter): Approved for AG Committee Preparer UG

5. 09/01/17 11:44 am
   Bob Knight (bob-knight): Approved for AG Committee Chair UG

6. 09/04/17 11:45 am
   Kim Dooley (k-dooley): Approved for AG College Dean UG

7. 09/04/17 3:18 pm
   Sandra Williams (sandra-williams): Approved for UCC Preparer

8. 10/08/17 1:10 pm
   Sandra Williams (sandra-williams): Approved for UCC Chair
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<tr>
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<th>Contact Hour(s)</th>
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<tr>
<td>Alternate Grade Modes</td>
<td>Satisfactory/Unsatisfactory</td>
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<tr>
<td>Method of instruction</td>
<td>Lecture and Laboratory</td>
<td></td>
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</tr>
<tr>
<td>Will this course be taught as a distance education course?</td>
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<tr>
<td>Will this course be taught as a non-traditional course? (i.e., parts of term, distance education)</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Is 100% of this course going to be taught in Texas?</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Will classroom space be needed for this course?</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This will be a required course or an elective course for the following programs:

<table>
<thead>
<tr>
<th>Required (select program)</th>
<th>Program(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(BS-FORS) Forestry - BS</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Elective (select program)</th>
<th>Has/will this course be (en) submitted for core curriculum consideration?</th>
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<tbody>
<tr>
<td></td>
<td>Has/will this course be (en) submitted for Writing or Communication consideration?</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Has/will this course be (en) submitted for ICD consideration?</td>
<td>No</td>
</tr>
</tbody>
</table>

### Course Syllabus

- Syllabus: Upload syllabus
- Upload syllabus
- Letters of support or other documentation: No
- Additional information: No
- Reviewer Comments: Mort Kothmann (m-kothmann) (08/14/17 3:58 pm): Rollback: Requested
- Sandra Williams (sandra-williams) (10/08/17 1:10 pm): UCC approved October 2017.
- Reported to state: No

---

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/6105/index.htm... 10/30/2017
Course Change Request

Date Submitted: 08/14/17 10:34 am

In Workflow
1. ESSM Reviewer UG
2. ESSM Department Head
3. Curricular Services Review
4. AG Committee Preparer UG
5. AG Committee Chair UG
6. AG College Dean UG
7. UCC Preparer
8. UCC Chair
9. Faculty Senate Preparer
10. Faculty Senate
11. Provost II
12. President
13. Curricular Services
14. Banner

Course Change Request

Viewing: ESSM 316: Range Ecology

Last edit: 08/15/17 8:40 pm

Changes proposed by: bob-knight

Catalog Pages referencing this course
- Department of Ecosystem Science and Management
- ESSM Ecosystem Science & Mgmt (ESSM)

Programs referencing this course
- BS-RLEM-RMD: Rangeland Ecology and Management - BS, Ranch Management Option
- BS-RLEM-RRO: Rangeland Ecology and Management - BS, Rangeland Resources Option

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bob Knight</td>
<td><a href="mailto:bob-knight@tamu.edu">bob-knight@tamu.edu</a></td>
<td>979-324-6980</td>
</tr>
</tbody>
</table>

Rationale for Course

The proposed changes are to meet the demand/interest of students.

Course prefix: ESSM
Course number: 316

Department: Ecosystem Science & Mgmt
College/School: Agriculture & Life Sciences
Academic Level: Undergraduate
Undergraduate course level justification (Select One):
- Graduate

Effective term: 2018-2019

Complete Course Title: Range Ecology
Abbreviated Course Title: RANGE ECOLOGY

Catalog course description:
Organization and distribution of rangeland ecosystems of the world, with emphasis on North America; community dynamics and functions stressed including biotic history, succession, disturbance regimes, competitive interactions, herbivory, energy flow and nutrient cycling; conservation of rangeland resources.

Prerequisites and Restrictions:
- RENR 205, RENR 215, ESSM 302, and ESSM 314, or junior or senior classification or approval of instructor.

Concurrent Enrollment:
- No

Should catalog prerequisites / concurrent enrollment be enforced?
- Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>Concurrency?</th>
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<tbody>
<tr>
<td></td>
<td>RENR 205</td>
<td>D</td>
<td>UG</td>
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<tr>
<td>And</td>
<td>RENR 215</td>
<td>D</td>
<td>UG</td>
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https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/6113/index.ht...
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<th>Semester</th>
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<th>Credit Hour(s)</th>
<th>3</th>
<th>Contact Hour(s)</th>
<th>2</th>
<th>Lecture:</th>
<th>2</th>
<th>Lab:</th>
<th>2</th>
<th>Other:</th>
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<th>Total</th>
<th>4</th>
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</table>

Repeatability for credit? No

Will this course be taught as a distance education course? No

Is 100% of this course going to be taught in Texas? Yes

Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

---

**Course Syllabus**

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation: No

Additional information

Reviewer Comments: Sandra Williams (sandra-williams) (10/08/17 1:10 pm): UCC approved October 2017.
Reported to state?  
No
Course Change Request

Viewing: FINC 351: Investment Analysis

Last approved: 06/18/17 3:23 am
Last edit: 09/06/17 8:47 pm

Changes proposed by: lmartindale

Catalog Pages referencing this course
- Department of Finance
- Department of Finance
- FINC - Finance
- FINC - Finance (FINC)
- IBUS - International Business (IBUS)

Programs referencing
- BBA: FINC - Finance - BBA
- CERT-CU66: Petroleum Ventures - Certificate

Faculty Senate Number

Contact(s)
- Name: Lanny Martindale
  - E-mail: lmartindale@mays.tamu.edu
  - Phone: 512-227-6847

Rationale for Course
Edit
The proposed changes are to meet the demand/interest of students.

Course prefix: FINC
Course number: 351
Department: Finance
College/School: Mays Business School
Academic Level: Undergraduate

Undergraduate course level justification (Select One)
- Prerequisites

ACCT 327 D UG Yes
And FINC 210 D UG Yes
And FINC 341 C UG No

Concurrent Enrollment
- No

Should catalog prerequisites / concurrent enrollment be enforced?
- Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>Concurrency?</th>
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<tbody>
<tr>
<td>And</td>
<td>ACCT 327</td>
<td>D</td>
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<td>Yes</td>
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<tr>
<td>And</td>
<td>FINC 210</td>
<td>D</td>
<td>UG</td>
<td>Yes No</td>
</tr>
<tr>
<td>And</td>
<td>FINC 341</td>
<td>C</td>
<td>UG</td>
<td>No</td>
</tr>
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</table>
### Course Syllabus

<table>
<thead>
<tr>
<th>Syllabus:</th>
<th>Upload syllabus</th>
</tr>
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<tbody>
<tr>
<td>Upload syllabus</td>
<td></td>
</tr>
<tr>
<td>Letters of support or other documentation</td>
<td>No</td>
</tr>
</tbody>
</table>

**Semester:** 3  
**Credit Hour(s):** 3  
**Contact Hour(s):** Lecture 3, Lab 0, Other 0, Total 3  
**Repeatable for credit?** No  
**Three-peat?** No  
**CIP/Fund Code:** 5208070016  
**Default Grade Mode:** Letter Grade (G)  
**Alternate Grade Modes:** Satisfactory/Unsatisfactory  
**Method of instruction:** Lecture  
**Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education):** No  
**Will this course be taught as a distance education course?** No  
**Is 100% of this course going to be taught in Texas?** Yes  
**Will classroom space be needed for this course?** Yes  

This will be a required course or an elective course for the following programs:

<table>
<thead>
<tr>
<th>Program(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(BBA-FINC) Finance - BBA</td>
</tr>
</tbody>
</table>

**Required (select program):**  
**Elective (select program):**  
**Has/will this course be (en) submitted for core curriculum consideration?** No  
**Has/will this course be (en) submitted for Writing or Communication consideration?** No  
**Has/will this course be (en) submitted for ICD consideration?** No  

---

And  
<table>
<thead>
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<tr>
<td>SCMT 303</td>
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</table>

Or  
<table>
<thead>
<tr>
<th>Crosslisted With</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
</tr>
</tbody>
</table>

Or  
| Stacked with |
| D |

Or  
| Stacked with |
| No |

| Semester | Credit Hour(s) | Contact Hour(s) | Lecture | Lab | Other | Total | Repeatable for credit? | Three-peat? | CIP/Fund Code | Default Grade Mode | Alternate Grade Modes | Method of instruction | Will sections of this course be taught as non-traditional? | Will this course be taught as a distance education course? | Is 100% of this course going to be taught in Texas? | Will classroom space be needed for this course? | Required (select program) | Elective (select program) | Has/will this course be (en) submitted for core curriculum consideration? | Has/will this course be (en) submitted for Writing or Communication consideration? | Has/will this course be (en) submitted for ICD consideration? | Syllabus: | Upload syllabus | Letters of support or other documentation |
Requiring FINC210 as an absolute pre-requisite for this required foundation course had the unintended consequence of enrollment bottlenecks. The FINC Department proposes to alleviate these difficulties by offering students the option of taking FINC210 as a co-requisite.

Reviewer Comments

Reported to state?
No
Course Change Request

Date Submitted: 09/03/17 11:56 am

Viewing: **FINC 361 : Managerial Finance I**

Last approved: 06/18/17 3:15 am
Last edit: 09/06/17 8:50 pm
Changes proposed by: lmartindale

<table>
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<tr>
<th>Contact(s)</th>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lanny Martindale</td>
<td><a href="mailto:lmartindale@mays.tamu.edu">lmartindale@mays.tamu.edu</a></td>
<td>512-227-6847</td>
<td></td>
</tr>
</tbody>
</table>

Rationale for Course

**Edit**

The proposed changes are to meet the demand/interest of students.

Course prefix: FINC  Course number: 361
Department: Finance
College/School: Mays Business School
Academic Level: Undergraduate
Undergraduate course level justification (Select One):

**Prerequisites**

All prerequisites will be enforced through COMPASS.

<table>
<thead>
<tr>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>Concurrency?</th>
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</thead>
<tbody>
<tr>
<td>ACCT 327</td>
<td>D</td>
<td>UG</td>
<td>Yes</td>
</tr>
<tr>
<td>FINC 210</td>
<td>D</td>
<td>UG</td>
<td>Yes No</td>
</tr>
<tr>
<td>FINC 341</td>
<td>C</td>
<td>UG</td>
<td>No</td>
</tr>
</tbody>
</table>

Concurrent Enrollment: No
Should catalog prerequisites / concurrent enrollment be enforced? Yes

Catalog course description

Managerial problems of financial managers; financial analysis, current asset management, capital budgeting and capital structure.

Prerequisites and Restrictions

ACCT 327 or concurrent enrollment; FINC 210 or concurrent enrollment; FINC 341 with a grade of C or better; SCMT 303 or concurrent enrollment, or concurrent enrollment, AP STAT 303 or AP STAT 302 or AP STAT 303.

**History**

1. Jun 18, 2017 by sarah.gordon
Course Syllabus

Syllabus: Upload syllabus
Upload syllabus

Letters of support or other documentation: No
Additional information

Requiring FINC210 as an absolute pre-requisite for this required foundation course had the unintended consequence of enrollment bottlenecks. The FINC Department proposes to alleviate these difficulties by offering students the option of taking FINC210 as a co-requisite.

Reviewer Comments


Reported to state?

No
Course Change Request

Date Submitted: 09/18/17 9:59 am

Viewing: GEOG 392: GIS Programming

Last edit: 09/22/17 2:40 pm

Changes proposed by: klein

Catalog Pages referencing this course

- Department of Geography
- GEOG - Geography (GEOG)

Programs referencing this course

- BS-GIST-CDA: Geographic Information Science and Technology - BS, Computation, Design and Analysis Track
- BS-GIST-ESA: Geographic Information Science and Technology - BS, Earth Systems Analysis Track

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andrew Klein</td>
<td><a href="mailto:klein@tamu.edu">klein@tamu.edu</a></td>
<td>979 845 5219</td>
</tr>
</tbody>
</table>

Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix: GEOG  Course number: 392

Department: Geography

College/School: Geosciences

Academic Level: Undergraduate

Undergraduate course level justification (Select One)

Academic Level (alternate): Graduate

Effective term: 2018-2019

Complete Course Title: GIS Programming

Abbreviated Course Title: GIS PROGRAMMING

Catalog course description:

Programming for geographic information science applications; principles of programming syntax and data structures; development of custom GIS programs; integration of programs into commercial GIS platforms.

Prerequisites and Restrictions:

GEOG 390 and ESSM 465 or equivalent, or approval of instructor; junior or senior classification.

Concurrent Enrollment:

- No

Should catalog prerequisites / concurrent enrollment be enforced?: Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>Concurrency</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GEOG 390</td>
<td>D</td>
<td>UG</td>
<td></td>
</tr>
</tbody>
</table>

Crosslistings:

- No

Stacked:

- No

Semester Credit Hour(s):

- 4 Contact Hour(s) (per week):
  - Lecture: 3
  - Lab: 2
  - Other: 0

Total: 5
Repeatable for credit? No
Three-peat? No
CIP/Fund Code 4507020006
Default Grade Mode Letter Grade(G)
Alternate Grade Modes Satisfactory/Unsatisfactory
Method of instruction Lecture and Laboratory
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No
Will this course be taught as a distance education course? No
Is 100% of this course going to be taught in Texas? Yes
Will classroom space be needed for this course? Yes
This will be a required course or an elective course for the following programs:

<table>
<thead>
<tr>
<th>Required (select program)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective (select program)</td>
</tr>
</tbody>
</table>

Has/will this course be (en) submitted for core curriculum consideration? No
Has/will this course be (en) submitted for Writing or Communication consideration? No
Has/will this course be (en) submitted for ICD consideration? No

**Course Syllabus**

Syllabus: Upload syllabus
Upload syllabus

Letters of support or other documentation No
Additional information

Reported to state? No
Course Change Request

Date Submitted: 09/08/17 9:09 am

Viewing: GEOL 404: Geology of Petroleum

Last edit: 09/17/17 11:22 am
Changes proposed by: david-w-sparks

Catalog Pages referencing this course:
- Department of Geology and Geophysics
- Harold Vance Department of Petroleum Engineering
- PETE - Petroleum Engineering (PETE)

Programs referencing this course:
- BS-PETE-QT: Petroleum Engineering - BS, Qatar Campus

Faculty Senate Number

Contact(s):

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>David Sparks</td>
<td><a href="mailto:sparks@geo.tamu.edu">sparks@geo.tamu.edu</a></td>
<td>979-458-1051</td>
</tr>
</tbody>
</table>

Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix: GEOL
Course number: 404

Department: Geology & Geophysics
College/School: Geosciences
Academic Level: Undergraduate
Undergraduate course level justification (Select One)

Academic Level (alternate):
Graduate

Effective term: 2018-2019

Complete Course Title: Geology of Petroleum
Abbreviated Course Title: GEOLOGY OF PETROLEUM

Catalog course description:
Origin, migration and accumulation of petroleum; typical U.S. oil and gas fluids; laboratory work in subsurface geology.

Prerequisites and Restrictions:
- GEOL 104 or GEOL 150
- GEOL 312, senior classification in geology

Concurrent Enrollment: No
Should catalog prerequisites / concurrent enrollment be enforced?: Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
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<th>Concurrency?</th>
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Crosslistings: No
Crosslisted With: No
Stacked: No
Stacked with: No

Contact Hour(s) (per week):
- Lecture: 2
- Lab: 3
- Other: 0
- Total: 5

In Workflow
1. GEPL Department Head
2. Curricular Services Review
3. GE Committee Preparer UG
4. GE Committee Chair UG
5. GE College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

Approval Path
1. 09/08/17 9:38 am Michael Pope (mcpope): Approved for GEPL Department Head
2. 09/17/17 11:23 am Sandra Williams (sandra-williams): Approved for Curricular Services Review
3. 09/18/17 9:02 am Roxanna Russell (russell): Approved for GE Committee Preparer UG
4. 09/22/17 2:44 pm Christian Brannstrom (cbbrannst): Approved for GE Committee Chair UG
5. 09/22/17 3:00 pm Christian Brannstrom (cbbrannst): Approved for GE College Dean UG
6. 09/22/17 4:34 pm Sandra Williams (sandra-williams): Approved for UCC Preparer
7. 10/08/17 1:12 pm Sandra Williams (sandra-williams): Approved for UCC Chair
Semester: 
Credit: 
Hour(s): 
Repeatable for credit?: No
Three-peat?: No
CIP/Fund Code: 4006010002
Default Grade Mode: Letter Grade (G)
Alternate Grade Modes: Satisfactory/Unsatisfactory
Method of instruction: Lecture and Laboratory
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education?): No
Will this course be taught as a distance education course?: No
Is 100% of this course going to be taught in Texas?: Yes
Will classroom space be needed for this course?: Yes

This will be a required course or an elective course for the following programs:

<table>
<thead>
<tr>
<th>Required (select program)</th>
<th>Program(s)</th>
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<tbody>
<tr>
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<td>(BS-PETE) Petroleum Engineering - BS</td>
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<table>
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<tbody>
<tr>
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<td>(BS-GEOP) Geophysics - BS</td>
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<tr>
<td></td>
<td>(BA-GEOL) Geology - BA</td>
</tr>
<tr>
<td></td>
<td>(BS-GEOL) Geology - BS</td>
</tr>
</tbody>
</table>

Has/will this course be (en) submitted for core curriculum consideration?: No
Has/will this course be (en) submitted for Writing or Communication consideration?: No
Has/will this course be (en) submitted for ICD consideration?: No

---

**Course Syllabus**

Syllabus: Upload syllabus
Upload syllabus

Letters of support or other documentation: No

Additional information


Reported to state?: No
Course Change Request

Date Submitted: 09/07/17 4:52 pm

Viewing: GEOP 475: Interpretation of Gravity and Magnetic Fields

Last edit: 09/11/17 8:31 pm
Changes proposed by: david-w-sparks

Catalog Pages referencing this course

GEOP - Geophysics (GEOP)

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>David Sparks</td>
<td><a href="mailto:sparks@geo.tamu.edu">sparks@geo.tamu.edu</a></td>
<td>979-458-1051</td>
</tr>
</tbody>
</table>

Rationale for Course
Edit

The proposed changes are part of a routine curriculum review.

Course prefix GEOP
Course number 475
Department Geology & Geophysics
College/School Geosciences
Academic Level Undergraduate
Undergraduate course level justification (Select One)

Academic Level Graduate
Effective term 2018-2019

Complete Course Title Interpretation of Gravity and Magnetic Fields
Abbreviated Course Title INT OF GRAV & MAG FIELD

Catalog course description

Applications of potential theory in the interpretation of gravity and magnetic fields; analysis of geophysical anomalies produced by geologic structures and by variation in the physical properties of rocks; use of regional gradients, residual anomalies, higher derivatives and surfaces, line integrals and two and three dimensional models.

Prerequisites and Restrictions

GEOL 312; MATH 311 or approval of instructor.
Concurrent Enrollment No
Should catalog prerequisites / concurrent enrollment be enforced? Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
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<td>And</td>
<td>MATH 311</td>
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</table>

Crosslistings No Crosslisted With
Stacked No Stacked with

In Workflow
1. GEPL Department Head
2. Curricular Services Review
3. GE Committee Preparer UG
4. GE Committee Chair UG
5. GE College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

Approval Path
1. 09/07/17 5:36 pm Michael Pope (mcpope): Approved for GEPL Department Head
2. 09/11/17 8:31 pm Sandra Williams (sandar-williams): Approved for Curricular Services Review
3. 09/18/17 9:02 am Roxanna Russell (rrussell): Approved for GE Committee Preparer UG
4. 09/22/17 2:44 pm Christian Brannstrom (cbrannst): Approved for GE Committee Chair UG
5. 09/22/17 4:34 pm Sandra Williams (sandar-williams): Approved for UCC Preparer
6. 10/08/17 1:12 pm Sandra Williams (sandar-williams): Approved for UCC Chair
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Repeatable for credit? No

Three-peat? No

CIP/Fund Code 4006030002

Default Grade Mode Letter Grade(G)

Alternate Grade Modes Satisfactory/Unsatisfactory

Method of instruction Lecture

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No

Will this course be taught as a distance education course? No

Is 100% of this course going to be taught in Texas? Yes

Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

---

**Course Syllabus**

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation No

Additional information


Reported to state? No

Key: 7022
Course Change Request

Date Submitted: 09/12/17 4:54 pm

Viewing: HLTH 481: Seminar in Allied Health

Last edit: 09/21/17 6:27 pm

Changes proposed by: pjmiller

Catalog Pages referencing this course
Department of Health and Kinesiology
HLTH - Health (HLTH)

Programs referencing this course
BS-HLTH-AHO: Health - BS, Allied Health Track

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>P.J. Miller</td>
<td><a href="mailto:pjmiller@tamu.edu">pjmiller@tamu.edu</a></td>
<td>979-845-1471</td>
</tr>
</tbody>
</table>

Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Course prefix: HLTH
Course number: 481
Department: Health & Kinesiology
College/School: Education & Human Development
Academic Level: Undergraduate
Undergraduate course level justification (Select One)
Academic Level (alternate)
Effective term: 2018-2019

Complete Course Title
Seminar in Allied Health

Abbreviated Course Title
SEMINAR IN ALLIED HEALTH

Catalog course description
Admission to allied health professional school and/or careers; research on selected allied health fields, discussion of transition from college environment to professional school/career environment including professional development.

Prerequisites and Restrictions
Junior or senior classification.
Concurrent Enrollment
No
Should catalog prerequisites / concurrent enrollment be enforced?
No

Crosslistings
No
Crosslisted With

Stacked
No
Stacked with

Semester Credit Credit Hour(s)
1 1 Contact Hour(s) Lecture: 1 Lab: 0 Other: 0 Total 1

Repeatable for credit?
No
Three-peat?
No
CIP/Fund Code 5115040014
Default Grade Mode Satisfactory/Unsatisfactory(S)
Alternate Grade Modes

Method of instruction: Lecture and Laboratory
- Lecture
- Seminar

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)
- Yes

Learning Outcomes

Meets traditional face-to-face learning outcomes.

Describe how learning outcomes are met or provide justification why they are not met.

All learning outcomes for all courses are the same.

Hours

Meets traditional face-to-face hours.

Describe how hours are met or provide justification why they are not met.

The contact hours for both the face-to-face and minimester courses are the same.

Will this course be taught as a distance education course?
- No

Is 100% of this course going to be taught in Texas?
- Yes

Will classroom space be needed for this course?
- Yes

This will be a required course or an elective course for the following programs:

<table>
<thead>
<tr>
<th>Program(s)</th>
<th>Required (select program)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(BS-HLTH-AHO) Health - BS, Allied Health Track</td>
<td></td>
</tr>
</tbody>
</table>

Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration?
- No

Has/will this course be (en) submitted for Writing or Communication consideration?
- Yes

Has/will this course be (en) submitted for ICD consideration?
- No

Course Syllabus

Syllabus:

Upload syllabus

- HLTH 481 syllabus.pdf

Letters of support or other documentation
- No

Additional information

Reviewer Comments

Sandra Williams (sandra-williams) (09/06/17 8:03 pm): Rollback: Please answer new required questions: Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education).


Reported to state?
- No
HLTH 481-902: SEMINAR IN ALLIED HEALTH  
W 8:00AM – 8:50AM; SCTS 216

Instructor Information

Name Rhonda N. Rahn, PhD, CHES  
Telephone number (979) 845-3861  
Email rrahn@tamu.edu  
Office hours M: 10:00AM-12:00PM; R: 2:00PM-4:00PM; by appointment  
Office location 318A Blocker

Course Description and Prerequisites
This course is an intensive writing seminar preparing students for admission to allied health professional school and careers. Students will research selected allied health fields/interests and discuss the transition from the college environment to a professional school/career environment, with an emphasis on professional development.

Prerequisites: Junior or Senior classification; admission to the professional phase.

Learning Outcomes
By the end of the course, students will be able to:

1. Create a professional philosophy statement.
2. Create and critique health profession resumes.
3. Develop a cover letter for a job application.
4. Demonstrate professional interviewing skills.
5. Develop skills in critiquing the work of others.
6. Demonstrate professional writing and research capabilities.
7. Identify leading journals and sources in their respective allied health field.
8. Demonstrate and exhibit an understanding of professional behavior.

Required Textbooks and/or Resource Material

Class website
There is a class website accessible at http://ecampus.tamu.edu. Click on “Log In” and use your Netid to login. Students should refer to this website often as any changes in due dates or class assignments will be listed on this website. It also contains complete assignment instructions and resources for the class. If you cannot login to this site, let me know ASAP.
**Grading Policies**

*Students will complete the following assignments.*

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Philosophy Paper (W)</td>
<td>40 pts</td>
</tr>
<tr>
<td>Topic Proposal (W)</td>
<td>30 pts</td>
</tr>
<tr>
<td>Outline (W)</td>
<td>30 pts</td>
</tr>
<tr>
<td>Scholarly Research Paper (W)</td>
<td>100 pts</td>
</tr>
<tr>
<td>Patient Education Piece (W)</td>
<td>50 pts</td>
</tr>
<tr>
<td>Resume and Cover Letter</td>
<td>50 pts</td>
</tr>
<tr>
<td>Mock Interview</td>
<td>25 pts</td>
</tr>
<tr>
<td>Class Participation</td>
<td>50 pts</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>375 pts</strong></td>
</tr>
</tbody>
</table>

(W) – meets writing intensive requirement

Because this course satisfies the W-course requirement of core curriculum, students must pass the writing assignments (W) to pass this class. This means that you must complete every writing assignment highlighted above; failure to complete any of the writing assignments will result in failing the course.

**Grading scale**

265-375 (>70%) – Pass

<264 (<70%) – Fail

**Assignments**

All assignments are due at the beginning of each class period on the date assigned. You must be present in class to turn in your assignments. Assignments will not be accepted via email, only through hard copy or on eCampus/Turnitin when required.

**Late Work**

Late assignments can only be made up by providing the instructor with a written, documented, University-excused absence that is turned in no later than one week following the original due date. All unexcused late work will be penalized 10 points for each day it is late up to 10 days when it will no longer be accepted.

**Attendance Policy**

“The University views class attendance as the responsibility of an individual student. Attendance is essential to complete the course successfully. University rules related to excused and unexcused absences are located on-line at [http://student-rules.tamu.edu/rule07](http://student-rules.tamu.edu/rule07)."

Attendance is the first aspect leading to successful completion of this class and provides the means to receive optimal benefit for your time and money. Attendance is mandatory and will be taken every day that the class meets. For each unexcused absence, **10 points will be deducted from the student’s final grade per absence.** Please note: excused absences, as defined in Rule 7 of the Texas A&M University Student Rules, will not result in any point deduction; however, written documentation will be required to receive an excused absence.

**Office Hours**
If you are struggling with something in this course, ask for help! I realize that my office hours do not always coincide with student schedules. I will do my utmost to make myself available to you outside of these hours; however, you must ask and make an appointment. During office hours, please bring specific questions that you are struggling with. I will not proof read your entire assignment; therefore, you must come to our meetings prepared.

Expectations during office hour meetings:

1. Come prepared with specific questions you are struggling with from course content, textbook readings, assignment instructions, etc.
2. Bring all necessary handouts/materials with you to the meeting.
3. Respect the start and end times by arriving 3-5 minutes early of the scheduled meeting.
4. We can communicate via telephone or e-mail if last minute cancellation is needed.

Communication
If you send me an email, please construct a professional email with a salutation, closing, and signature (i.e. name). Use appropriate sentence structure, capitalization, and punctuation.

I will make every effort to respond to e-mails within 24 hours. Please note that I do not normally respond to emails sent after 5 pm or on the weekends until the next business day.

Americans with Disabilities Act (ADA) Policy Statement
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information visit http://disability.tamu.edu.

Copyright and Plagiarism
Academic dishonesty (i.e. cheating or plagiarism) will not be tolerated in this course. Refer to the TAMU Student Rules and Regulations, #20-Scholastic Dishonesty. In section I.20.1.3 of the Texas A&M University Student Rules, plagiarism is defined as, “Failing to credit sources used in a work product in an attempt to pass off the work as one’s own. Attempting to receive credit for work performed by another, including papers obtained in whole or in part from individuals or other sources.” In accordance with this definition, you are committing plagiarism if you copy the work of another person and turn it in as your own, even if you should have the permission of that individual. To avoid plagiarism, always cite your sources.

University Writing Center
You are highly encouraged to utilize the resources available to you as an A&M student. The Writing Center provides feedback in person at the library, online, or via video conferencing. The Evan’s Library requires an appointment while the West campus library is available for walk-in’s. For more information, please refer to the University Writing Center’s homepage: http://writingcenter.tamu.edu/Home

“Your first pass is not your best effort”
Aggie Code of Honor

“Aggies do not lie, cheat or steal, nor do they tolerate those who do.”

“The Aggie Code of Honor is an effort to unify the aims of all Texas A&M men and women toward a high code of ethics and personal dignity. For most, living under this code will be no problem, as it asks nothing of a person that is beyond reason. It only calls for honesty, integrity, characteristics that Aggies have always exemplified. The Aggie Code of Honor functions as a symbol to all Aggies, promoting the understanding and loyalty to truth and confidence in each other.” All students are expected to abide by the Aggie Honor Code. Students should be aware of all Honor Council Rules and Procedures on the Honor Council website at http://student-rules.tamu.edu/aggiecode

Ask for clarification from me prior to participating in any activity that might be questionable for completion of coursework for this class. All work to be completed for this class is to be individual work except where noted otherwise. Any incident of academic dishonesty will result in a letter grade of F in this course

Classroom Expectations
This class is about preparing you for life after college. Even if you have plans to attend professional or graduate school, you will eventually be searching for a job. The skills you learn in this class can be applied to both seeking admission to professional/graduate school and searching for a job. The best way to view this class is as if it is your job.

This class is a writing intensive class and as such, the majority of your grade will be based on your writing. This class is also about professionalism: presenting your-self professionally in your communication (both oral and written), appearance, and behaviors. Consequently, you are expected to act professionally in this class; this means that you are expected to turn assignments in on time and professionally prepared. While you will not be expected to dress professionally every day, there will be designated “professional dress” days.

You will also be required to sign an “Expectations for Professional Behavior” form to participate in this class; failure to comply with items on the Expectations for Professional Behavior form will result in a deduction of participation points.

Class Rules
It is imperative that all students behave in a considerate, respectful, and civil manner toward their classmates, instructors, and guests throughout the entirety of this course. A classroom environment with these characteristics fosters mutual respect and collaborative learning among students, which is what we all want! As such, students are expected to:

- Arrive on time and prepared for every class session
- Not be disruptive or disrespectful during class (talking during lectures, sleeping, browsing the internet, using electronics, making inappropriate comments, etc.)
- Turn all phones and other electronics on silent during class
- Treat guests with the utmost respect

Peer Review of Writing
One aspect of improving writing is to give and receive feedback. Students will participate in peer review of their writing for several of the writing activities in this class. Thoughtful feedback expressed in a tactful manner is a hallmark of good peer review.
1. Students will be assigned a paper to review during class.
2. Failure to bring a paper for peer review or participating in reviewing another student’s paper will result in a 10% deduction from their final grade for that assignment.
3. Students who are absent that day will still be required to participate in the peer review and should upload their paper. It is their responsibility to complete the peer review by the deadline.
Course Topics, Calendar of Activities, Major Assignment Dates

This class schedule is tentative. While all attempts will be made to follow this schedule, I reserve the right to make adjustments as needed that would benefit the class.

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Location</th>
<th>Reading Assignment</th>
<th>Assignment Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug 30</td>
<td>Class Guidelines and Expectations</td>
<td>Classroom</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sept 6</td>
<td>Writing Process / Writing a Philosophy</td>
<td>Classroom</td>
<td>APA Chap 3 &amp; 4</td>
<td></td>
</tr>
<tr>
<td>Sept 13</td>
<td>Library Use – Arwen from MSL</td>
<td>Computer Lab</td>
<td></td>
<td>Philosophy Paper due</td>
</tr>
<tr>
<td>Sept 20</td>
<td>Practice Writing- Thesis Statements</td>
<td>Classroom</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sept 27</td>
<td>APA Activity / Paraphrasing Activity / Outlining the paper</td>
<td>Classroom</td>
<td>Proposal due / Philosophy Paper revision due</td>
<td></td>
</tr>
<tr>
<td>Oct 4</td>
<td>Peer Review Activity</td>
<td>Classroom</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oct 11</td>
<td>Job Search / Interviewing</td>
<td>Classroom</td>
<td>APA Chap 6 &amp; 7</td>
<td>Outline due</td>
</tr>
<tr>
<td>Oct 18</td>
<td>Resume Writing / Cover Letters</td>
<td>Classroom</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oct 25</td>
<td>Networking / Peer Review of Resumes</td>
<td>Classroom</td>
<td></td>
<td>Resume / Cover letter draft due</td>
</tr>
<tr>
<td>Nov 1</td>
<td>Communicating Professionally / Being a Professional</td>
<td>Classroom</td>
<td></td>
<td>Resume / Cover letter due</td>
</tr>
<tr>
<td>Nov 8</td>
<td>Peer review of Paper</td>
<td>Classroom</td>
<td></td>
<td>Paper draft due</td>
</tr>
<tr>
<td>Nov 15</td>
<td>Mock interviews</td>
<td>Classroom</td>
<td></td>
<td>Paper due</td>
</tr>
<tr>
<td>Nov 22</td>
<td>Happy Thanksgiving!</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nov 29</td>
<td>Mock interviews</td>
<td>Classroom</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dec 6</td>
<td>Mock interviews Course wrap up</td>
<td>Classroom</td>
<td></td>
<td>Patient Ed Paper due</td>
</tr>
</tbody>
</table>
Class assignments are outlined below. Please refer to the instructions handed out in class and posted on the class website for more complete information.

**Writing Intensive Assignments**

**Personal Philosophy (min 300/max 400 words)**
Students will write a personal philosophy statement of chosen health-related field.

**Topic Proposal (min 150/max 300 words)**
Students will write a proposal to identify the topic for their final paper. The topic can be on a current health related topic or a current issue in one of the six allied health areas: nursing, occupational therapy, optometry, pharmacy, physician assistant or physical therapy. This topic proposal must be supported by at least five scholarly sources in a reference list.

**Expanded Outline**
Students will complete an expanded outline for the paper.

**Scholarly Discussion of Contemporary Issue (min. 1000/max 1500 words)**
Students will complete a scholarly discussion of the contemporary issue in one of the six allied health areas. Prior to turning in the paper, students will complete a proposal and an expanded outline of their paper.

*A rough draft of your research paper will be due in class the week before the final due date. Failure to produce a rough draft for the peer-review session will result in a 10% deduction from your final grade on the assignment. Bottom line: complete the draft and be prepared to receive feedback/constructive criticism.

**Patient Education Paper (min 250/max 500 words)**
Students will complete a patient education paper based on the topic chosen for the scholarly paper. This paper is to be written from the perspective of the career you are choosing to pursue, one of the six areas in allied health: nursing, occupational therapy, optometry, pharmacy, physician assistant, or physical therapy. If you are not pursuing one of those fields you may write it from the perspective of a health educator. If you are pursuing a field other than one of the six allied health fields listed (such as dentistry), consult your instructor.

**Resume and Cover Letter**
Students will find a current job posting for which they will be qualified upon graduation. They will then create a resume and cover letter as if applying for the job.

**Mock Interview**
Students will participate in mock interviews by observing and critiquing interviews of their peers. Some students will be able to participate in interviews. All students will critique the interview.

**Participation**
Students have much to gain from this class by participating each day that the class meets. This involves contributing to the discussion, completing in-class activities, and acting in a professional manner (as
outlined in the Expectations for Professional Behavior document). Therefore students must be in attendance in order to participate.

Students are expected to be prepared for each class, participate in the discussions, read appropriate material prior to class and actively engage on in-class activities. Failure to do so will negatively affect your participation grade. Mere attendance does not constitute participation.
Course Change Request

Date Submitted: 08/19/17 5:11 pm

Viewing: HORT 306: Trees and Shrubs for Sustainable Built Environments

Last edit: 08/25/17 2:16 pm

Changes proposed by: ma-arnold

Catalog Pages referencing this course:
- Department of Horticultural Sciences
- HORT: Horticultural Sciences
- HORT: Horticultural Sciences (HORT)

Programs referencing this course:
- BLA/LAND: Landscape Architecture - BLA
- BLA/LAND/MP/LAND/PLAN/LAND: Landscape Architecture - 6-Year Bachelor of Landscape Architecture/Master of Land and Property Development

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael Arnold</td>
<td><a href="mailto:ma-arnold@tamu.edu">ma-arnold@tamu.edu</a></td>
<td>979-845-1499</td>
</tr>
</tbody>
</table>

Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Course prefix HORT

Course number 306

Department Horticultural Sciences

College/School Agriculture & Life Sciences

Academic Level Undergraduate

Undergraduate course level justification (Select One)

Academic Level (alternate) Graduate

Effective term 2018-2019

Complete Course Title Trees and Shrubs for Sustainable Built Environments

Abbreviated Course Title TREES AND SHRBS SUST BUILT ENV

Catalog course description

Better known woody ornamental trees and shrubs; identification, morphology, classification, nomenclature and adaptability for use in landscape environments.

Prerequisites and Restrictions

BIOL 101, 111 - BIOL 113, 111 - HORT 201, HORT 301, LAND 101, or RENR 205, or approval of instructor.

Concurrent Enrollment No

Should catalog prerequisites / concurrent enrollment be enforced? Yes

Enforced Prerequisites / Concurrent Enrollment

And/Or (Course Prefix/Number Min Grade/Score Academic Level Concurrency?)

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 101</td>
<td>D</td>
<td>UG</td>
<td></td>
</tr>
<tr>
<td>Or</td>
<td>BIOL 111</td>
<td>D</td>
<td>UG</td>
</tr>
<tr>
<td>Or</td>
<td>BIOL 113</td>
<td>D</td>
<td>UG</td>
</tr>
</tbody>
</table>
Crosslisted No  
Stacked Yes No  
Stacked with HORT 608 - Plants for Landscape Design

Semester 3  
Credit Hour(s) 3  
Contact Hour(s) 2  
Lecture: 2  
Lab: 2  
Other: 0  
Total 4  
Repeatable for credit? No  
Three-peat? No  
CIP/Fund Code 0106030005  
Default Grade Mode Letter Grade(G)  
Alternate Grade Modes Satisfactory/Unsatisfactory  
Method of instruction Lecture and Laboratory  
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No  
Will this course be taught as a distance education course? No  
Is 100% of this course going to be taught in Texas? Yes  
Will classroom space be needed for this course? Yes  
This will be a required course or an elective course for the following programs:

Required (select program)  
Elective (select program)  
Has/Will this course be (en) submitted for core curriculum consideration? No  
Has/Will this course be (en) submitted for Writing or Communication consideration? No  
Has/Will this course be (en) submitted for ICD consideration? No  

Course Syllabus

Syllabus: Upload syllabus  
Upload syllabus  
Letters of support or other documentation No  
Additional information Revising prerequisites after monitoring the success of students with varying background courses and class rank. We found the primary limitation was with inexperienced Freshman students, thus the revision in prerequisites to ensure students

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/7716/index.ht... 10/30/2017
have at least one course with sufficient introductory background for success. A broad range of courses have been found to provide this general background information, so only one out of the group is required. The stacked graduate course HORT 608 meets an extra day each week, has additional written assignments, and has two day-long field trips over and above what is required in HORT 306. Students enrolled in HORT 608 typically are in graduate programs in plant science, landscape architecture, or urban planning areas and have garnered sufficient background for the course without a specific prerequisite course before enrolling.

Reviewer Comments

Sandra Williams (sandra-williams) (08/13/17 12:47 pm): Update prerequisites - 300- and 400-level are junior or senior classification courses.
Sandra Williams (sandra-williams) (08/13/17 12:50 pm): Updated
Bob Knight (bob-knight) (08/16/17 8:35 am): Rollback: Rollback per Dr. Arnold
Dawn Kerstetter (dkerstetter) (08/16/17 8:47 am): Rollback: Per Dr. Arnold
Sandra Williams (sandra-williams) (08/18/17 8:48 pm): Rollback: Please update prerequisites to NOT include "sophomore."
Sandra Williams (sandra-williams) (08/25/17 2:16 pm): Completed enforced prerequisite table to include catalog prerequisites.
Sandra Williams (sandra-williams) (08/25/17 2:17 pm): NOTE: Committees may want to see syllabus since course indicates it will be stacked.
Dawn Kerstetter (dkerstetter) (08/25/17 2:32 pm): Will ask for syllabus to be emailed to Dawn Kerstetter to post on UPC website for committee meeting, if needed.

Reported to state?

No
Course Change Request

Date Submitted: 08/19/17 5:17 pm

Viewing: HORT 308: Plants for Sustainable Landscapes

Last edit: 08/25/17 2:19 pm
Changes proposed by: ma-arnold

In Workflow
1. HRSC Reviewer UG
2. HRSC Department Head
3. Curricular Services Review
4. AG Committee Preparer UG
5. AG Committee Chair UG
6. AG College Dean UG
7. UCC Preparer
8. UCC Chair
9. Faculty Senate Preparer
10. Faculty Senate
11. Provost II
12. President
13. Curricular Services
14. Banner

Contact(s)

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<td><a href="mailto:ma-arnold@tamu.edu">ma-arnold@tamu.edu</a></td>
<td>979-845-1499</td>
</tr>
</tbody>
</table>

Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix HORT  Course number 308
Department Horticultural Sciences
College/School Agriculture & Life Sciences
Academic Level Undergraduate
Undergraduate course level justification (Select One)
Academic Level (alternate) Graduate
Effective term 2018-2019

Complete Course Title Plants for Sustainable Landscapes
Abbreviated Course Title PLANTS FOR SUST LANDSCAPES

Catalog course description
Identification and use of indigenous and introduced landscape plants; plants for special uses in urban environments; emphasis on plants’ ornamental attributes, cultural requirements, and adaptability in urban and suburban environments.

Prerequisites and Restrictions
BIOL 101, 111 or BIOL 113, 113 or HORT 201, 203, HORT 301, LAND 101, or RENR 205, or approval of instructor.

Concurrent Enrollment No
Should catalog prerequisites / concurrent enrollment be enforced? Yes No

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>Concurrency?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BIOL 101</td>
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</tr>
<tr>
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<td>D</td>
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<tr>
<td>Crosslisted With</td>
<td>Stacked with</td>
<td></td>
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<tr>
<td>-----------------</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No</td>
<td>HORT 609 - Plants for Landscape Design II</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester</th>
<th>3</th>
<th>Contact Hour(s)</th>
<th>Lecture: 2</th>
<th>Lab: 2</th>
<th>Other: 0</th>
<th>Total: 4</th>
</tr>
</thead>
</table>

- Repeatable for credit? No
- Three-peat? No
- CIP/Fund Code: 0305080005
- Default Grade Mode: Letter Grade (G)
- Alternate Grade Modes: Satisfactory/Unsatisfactory
- Method of instruction: Lecture and Laboratory
- Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education): No
- This course will be taught as a distance education course? No
- Is 100% of this course going to be taught in Texas? Yes
- Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

- Required (select program)
- Elective (select program)

- Has/will this course be (en) submitted for core curriculum consideration? No
- Has/will this course be (en) submitted for Writing or Communication consideration? No
- Has/will this course be (en) submitted for ICD consideration? No

### Course Syllabus

**Syllabus:**

Upload syllabus

Letters of support or other documentation:

No

Additional information:
Change of prerequisites was proposed after studying success of students in the course in relation to their prior course experiences and classification. It was found that the primary concern was that Freshman students generally fared poorly in the course, thus the revision in prerequisites to ensure students have at least one course with sufficient introductory background for success. A broad range of courses have been found to provide this general background information, so only one out of the group is required. The stacked graduate course, HORT 609, has additional writing assignments, a semester long mentored project, and three full day field trips in addition to the requirements of HORT 308. Students enrolled in HORT 609 typically are in graduate programs in plant science, landscape architecture, or urban planning areas and have garnered sufficient background for the course without a specific prerequisite course before enrolling.

Reviewer Comments
Sandra Williams (sandra-williams) (08/13/17 12:49 pm): Updated prerequisites - 300- and 400-level are junior or senior classification courses.
Bob Knight (bob-knight) (08/16/17 8:35 am): Rollback: Rollback per Dr. Arnold
Dawn Kerstetter (dkerstetter) (08/16/17 8:47 am): Rollback: Per Dr. Arnold
Sandra Williams (sandra-williams) (08/18/17 8:51 pm): Rollback: Please update prerequisites to remove "sophomore." 300- and 400-level courses should include "junior or senior."
Sandra Williams (sandra-williams) (08/25/17 2:20 pm): Completed enforced prerequisite table to include catalog prerequisites. Also, please note: committees may want to see syllabus since course indicates it will be stacked.
Dawn Kerstetter (dkerstetter) (08/25/17 2:34 pm): Will ask for syllabus to be emailed to Dawn Kerstetter to post on UPC web site for committee meeting, if needed.

Reported to state?
No
Course Change Request

Viewing: HORT 420: Concepts of Wine Production

Last edit: 09/11/17 8:46 pm
Changes proposed by: ma-arnold

Catalog Pages referencing this course:
- Department of Horticultural Sciences
- HORT - Horticultural Sciences (HORT)

Programs referencing this course:
- BS-FSTC-PSO+: Food Science and Technology - BS, Food Science Option
- BS-FSTC-INO+: Food Science and Technology - BS, Food Industry Option
- BS-HORT: Horticulture - BS
- CERT-CU61: Enology - Certificate

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
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<tbody>
<tr>
<td>Michael Arnold</td>
<td><a href="mailto:ma-arnold@tamu.edu">ma-arnold@tamu.edu</a></td>
<td>9798451499</td>
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Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Course prefix: HORT
Course number: 420

Department: Horticultural Sciences
College/School: Agriculture & Life Sciences
Academic Level: Undergraduate
Undergraduate course level justification (Select One)

Academic Level (alternate): Graduate
Effective term: 2018-2019

Complete Course Title: Concepts of Wine Production
Abbreviated Course Title: CONCEPTS OF WINE PROD

Catalog course description:
Classic wine grapes of the world and where they are produced; evaluation of wine style and quality through formal laboratory tastings.

Prerequisites and Restrictions:
HORT 201 or HORT 319 or HORT 419 or FSTC 201; must be 21 years of age; junior or senior classification.

Concurrent Enrollment:
No

Should catalog prerequisites / concurrent enrollment be enforced:
Yes

Enforced Prerequisites / Concurrent Enrollment

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<td>Lecture</td>
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<tr>
<td>Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)</td>
<td>No</td>
<td>Will this course be taught as a distance education course?</td>
<td>No</td>
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<td>Is 100% of this course going to be taught in Texas?</td>
<td>Yes</td>
<td>Will classroom space be needed for this course?</td>
<td>Yes</td>
<td></td>
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</table>

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

Course Syllabus

Syllabus: Upload syllabus

Letter of support or other documentation: No

Additional information

Reviewer Comments

Bob Knight (bob-knight) (09/01/17 11:49 am): Rollback: check enforce prerequisites

Dawn Kerstetter (dkerstetter) (09/01/17 12:40 pm): Rollback: Rollback-see Dr. Knight's comments

Sandra Williams (sandra-williams) (09/06/17 8:08 pm): Rollback. Please answer new required questions on form. Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education). UCC approved October 2017.

Reported to state? No

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/7736/index.html... 10/30/2017
Course Change Request

Viewing: HORT 429: Floriculture Crop Production

Last edit: 08/21/17 8:32 am

Changes proposed by: ma-arnold

Catalog Pages referencing this course

Department of Horticultural Sciences
HORT - Horticultural Sciences (HORT)

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
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<tr>
<td>Dr. Terri Starman, PhD</td>
<td><a href="mailto:tstarman@tamu.edu">tstarman@tamu.edu</a></td>
<td>979-492-3714</td>
</tr>
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</table>

Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix HORT Course number 429

Department Horticultural Sciences
College/School Agriculture & Life Sciences
Academic Level Undergraduate
Undergraduate course level justification (Select One)

Effective term 2018-2019

Complete Course Title Floriculture Crop Production
Abbreviated Course Title FLORICULTURE CROP PRODUCTION PRODUC

Catalog course description

Production of floriculture crops in the greenhouse environment; scheduling and controlling crop growth for target market periods; specific flowering crops will be used as models to demonstrate potted flowering plant, cut flower, and garden plant production systems; hands-on crop production experience in lab.

Prerequisites and Restrictions

HORT 201 or approval of instructor. HORT 201

Concurrent Enrollment No

Should catalog prerequisites / concurrent enrollment be enforced? Yes No

Enforced Prerequisites / Concurrent Enrollment

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<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
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<td>D</td>
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Crosslistings No Crosslisted With
Stacked No Stacked with

Approval Path

1. 08/19/17 4:23 pm Michael Arnold (ma-arnold): Approved for HRSC Reviewer UG
2. 08/19/17 4:24 pm Michael Arnold (ma-arnold): Approved for HRSC Department Head
3. 08/21/17 8:33 am Sandra Williams (sandra-williams): Approved for Curricular Services Review
4. 08/21/17 8:36 am Dawn Kerstetter (dkerstetter): Approved for AG Committee Preparer UG
5. 09/01/17 11:50 am Bob Knight (bob-knight): Approved for AG Committee Chair UG
6. 09/04/17 11:45 am Kim Dooley (k-dooley): Approved for AG College Dean UG
7. 09/04/17 3:19 pm Sandra Williams (sandra-williams): Approved for UCC Preparer
8. 10/08/17 1:13 pm Sandra Williams (sandra-williams): Approved for UCC Chair
Course Syllabus

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation: No

Additional information

Reviewer Comments

Sandra Williams (sandra-williams) (08/15/17 8:36 pm): Rollback: Committees may want to see prerequisites (or restrictions) for a 400-level course.

Michael Arnold (ma-arnold) (08/17/17 2:08 pm): Rollback: See comment from college level committee, you also might want to retain the HORT 201 requirement and not have junior/senior classification as it would eliminate the course for sophomore or under enrollment?

Sandra Williams (sandra-williams) (08/18/17 8:56 pm): Rollback: Comments suggest rolling back to Dr. Arnold.

Sandra Williams (sandra-williams) (08/21/17 8:33 am): Checked box to enforce prerequisites and updated

Reported to state?

Change
Course Change Request

<table>
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Viewing: **HORT 442 : Horticulture Landscape Design II**

**Last edit:** 09/11/17 8:47 pm

Changes proposed by: ma-arnold

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<td>4. AG Committee Preparer UG</td>
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<td>7. UCC Preparer</td>
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<td>12. President</td>
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<tr>
<td>13. Curricular Services</td>
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<td>14. Banner</td>
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**Catalog Pages referencing this course**

- Department of Horticultural Sciences
  - HORT - Horticultural Sciences [HORT]

**Programs referencing this course**

- BA-HORT: Horticulture - BA

**Faculty Senate Number**

**Contact(s)**

<table>
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<tr>
<th>Name</th>
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<tr>
<td>Whitney Griffin</td>
<td><a href="mailto:whitneygriffin@tamu.edu">whitneygriffin@tamu.edu</a></td>
<td>9798625991</td>
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**Rationale for Course**

The proposed changes are part of a routine curriculum review.

**Course prefix**

HORT

**Course number**

442

**Department**

Horticultural Sciences

**College/School**

Agriculture & Life Sciences

**Academic Level**

Undergraduate

Undergraduate course level justification

(Select One)

**Academic Level (alternate)**

Graduate

**Effective term**

2018-2019

**Complete Course Title**

Horticulture Landscape Design II

**Abbreviated Course Title**

HORT LANDSCAPE DESIGN II

**Catalog course description**

Computer-aided-drafting computer-aided drafting (CAD) to produce site layout, grading and planting plan, and construction details for small-scale landscape design; advanced design principles and practices in their historical context, includes design and drafting of landscape details, manipulation of earth forms, ecological urban design to traditional garden design.

**Prerequisites and Restrictions**

HORT 432; 306; HORT 308 and HORT 442 or HORT 308, approval of instructor, junior or concurrent enrollment, or approval of instructor, senior classification.

**Concurrent Enrollment**

Yes

**Should catalog prerequisites / concurrent enrollment be enforced?**

Yes

**Enforced Prerequisites / Concurrent Enrollment**

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<td>Will this course be taught as a distance education course?</td>
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<td>Will classroom space be needed for this course?</td>
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This will be a required course or an elective course for the following programs:

Required (select program)
Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

---

**Course Syllabus**

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation: No

Additional information: 

**Reviewer Comments**

Bob Knight (bob-knight) (09/01/17 11:50 am): Rollback: check enforce prerequisites

Dawn Kerstetter (dkerstetter) (09/01/17 12:41 pm): Rollback: Rollback see Dr. Knight's comments

Sandra Williams (sandra-williams) (09/06/17 8:10 pm): Rollback: Please answer new required questions on

---

Updating of course prerequisites based on student performance in prior offerings of the course.
course form: Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education).

Reported to state?

No
Course Change Request

Viewing: HORT 453 : Floral Art

Rationale for Course

The proposed changes are part of a routine curriculum review.

Other

Have determined that two of the old prerequisites (Hort 451 & Hort 452) are not relevant to the subject matter being taught in Hort 453.

Catalog course description

Advanced study of floral design as an art form in contrast to a commercial florist operation; interpretive expression of design principles and color stressed along with international design styles.

Prerequisites and Restrictions

HORT 203 AND (HORT 451 AND/or HORT 452)

Concurrent Enrollment

No

Should catalog prerequisites / concurrent enrollment be enforced?

Yes

Enforced Prerequisites / Concurrent Enrollment

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Crosslistings

No

Stacked

No

Catalog Pages referencing this course

Department of Horticultural Sciences

HORT - Horticultural Sciences (HORT)

Programs referencing this course

BA-HORT: Horticulture - BA

Faculty Senate Number

Contact(s)

Name | E-mail | Phone
--- | --- | ---
William McKinley | wjmckinley@tamu.edu | 9798622768

Approval Path

1. 09/07/17 8:14 am
   Michael Arnold (maarnold): Approved for HRSC Reviewer UG
2. 09/07/17 3:44 pm
   Michael Arnold (maarnold): Approved for HRSC Department Head
3. 09/11/17 8:49 pm
   Sandra Williams (sandra.williams): Approved for Curricular Services Review
4. 09/12/17 8:22 am
   Dawn Kerstetter (dkerstetter): Approved for AG Committee Preparer UG
5. 09/20/17 9:26 am
   Bob Knight (boknight): Approved for AG Committee Chair UG
6. 09/20/17 2:26 pm
   Kim Dooley (k.dooley): Approved for Curricular Services Review
7. 10/08/17 1:14 pm
   Sandra Williams (sandra.williams): Approved for UCC Preparer
8. 10/08/17 1:14 pm
   Sandra Williams (sandra.williams): Approved for UCC Chair
Semester: 2  
Credit Hour(s): 2  
Contact Hour(s) (per week): 
Lecture: 1  
Lab: 2  
Other: 0  
Total: 3  
Repeatable for credit?: No  
Three-peat?: No  
CIP/Fund Code: 1906050007  
Default Grade Mode: Letter Grade (G)  
Alternate Grade Modes: Satisfactory/Unsatisfactory  
Method of instruction: Lecture and Laboratory  
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education): No  
Will this course be taught as a distance education course?: No  
Is 100% of this course going to be taught in Texas?: Yes  
Will classroom space be needed for this course?: Yes  
This will be a required course or an elective course for the following programs:

**Required (select program)**

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**Elective (select program)**

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Has/will this course be (en) submitted for core curriculum consideration?: No  
Has/will this course be (en) submitted for Writing or Communication consideration?: No  
Has/will this course be (en) submitted for ICD consideration?: No  

**Course Syllabus**

Syllabus: Upload syllabus  
Upload syllabus  
Letters of support or other documentation: No  
Additional information  
Reviewer Comments: Bob Knight (bob-knight) (09/01/17 11:51 am): Rollback: check enforce prerequisites  
Dawn Kerstetter (dkerstetter) (09/01/17 12:39 pm): Rollback: Rollback--see Dr. Knight's comments  
Sandra Williams (sandra-williams) (09/06/17 8:12 pm): Rollback: Please answer new required questions on course form: Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)  
Reported to state?
### Course Change Request

Date Submitted: 07/14/17 8:45 am

Viewing: **MEEN 454 : Tribology-Mechanical Interface Design**

**Tribology**

Last approved: 06/23/17 3:25 am

Last edit: 07/27/17 11:18 am

Changes proposed by: rthomassie

<table>
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<th>Name</th>
<th>E-mail</th>
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<tr>
<td>Sandra Williams</td>
<td><a href="mailto:sandra.williams@tamu.edu">sandra.williams@tamu.edu</a></td>
<td>979-845-8101</td>
<td></td>
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<tr>
<td>Arun Srinivasa Timothy Jacobs</td>
<td><a href="mailto:arun.r.srinivasa@gmail.com">arun.r.srinivasa@gmail.com</a> <a href="mailto:tjjacobs@tamu.edu">tjjacobs@tamu.edu</a></td>
<td>979-862-3999 979-862-4266</td>
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Rationale for Course

**Edit**

Other

**Explain other rationale**

**Title change to more clearly represent course topics.**

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<tr>
<td>History and significance of tribology, rough surfaces, hertzian contact, rough surfaces in contact, friction of surfaces in contact, surface failures/wear, boundary lubrication, fluid properties, thick film lubrication, thin film lubrication, micro- and nano-tribology.</td>
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**Enforced Prerequisites / Concurrent Enrollment**

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<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>Concurrency?</th>
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**In Workflow**

1. MEEN Department Head
2. Curricular Services Review
3. EN Committee Preparer US
4. EN Committee Chair US
5. EN College Dean US
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

**Approval Path**

1. 07/25/17 10:36 am Andreas Polycarpou (apolycarpou): Approved for MEEN Department Head
2. 07/27/17 11:16 am Sandra Williams (sandra.williams): Approved for Curricular Services Review
3. 08/24/17 12:52 pm Eileen Hoy (ehoy): Approved for EN Committee Preparer US
4. 09/01/17 12:21 pm Prasad Enjeti (enjeti): Approved for EN Committee Chair US
5. 09/01/17 12:23 pm Prasad Enjeti (enjeti): Approved for EN College Dean US
6. 09/04/17 3:19 pm Sandra Williams (sandra.williams): Approved for UCC Preparer
7. 10/08/17 1:19 pm Sandra Williams (sandra.williams): Approved for UCC Chair

**History**

1. Jun 23, 2017 by Sandra Williams (sandra.williams)
Crosslistings

<table>
<thead>
<tr>
<th>Course</th>
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</tr>
</thead>
<tbody>
<tr>
<td>MEEN 344</td>
<td>No</td>
</tr>
<tr>
<td>MEEN 368</td>
<td>No</td>
</tr>
<tr>
<td>MEEN 654</td>
<td>No</td>
</tr>
</tbody>
</table>

Stacked

<table>
<thead>
<tr>
<th>Course</th>
<th>Stacked with</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEEN 368</td>
<td>Yes</td>
</tr>
<tr>
<td>MEEN 654</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Semester: 3
Credit Hour(s): 3
Contact Hour(s) (per week):
Lecture: 3
Lab: 0
Other: 0
Total: 3

Repeatable for credit?: No
Three-peat?: No

CIP/Fund Code: 1419010006
Default Grade Mode: Letter Grade (G)
Alternate Grade Modes: Satisfactory/Unsatisfactory
Method of instruction: Lecture
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education): No
Will this course be taught as a distance education course?: No
Is 100% of this course going to be taught in Texas?: Yes
Will classroom space be needed for this course?: Yes

This will be a required course or an elective course for the following programs:

**Required (select program)**

**Elective (select program)**

Program(s):
( BS-MEEN) Mechanical Engineering - BS

Has/will this course be (en) submitted for core curriculum consideration?: No
Has/will this course be (en) submitted for Writing or Communication consideration?: No
Has/will this course be (en) submitted for ICD consideration?: No

Course Syllabus

Syllabus:
Upload syllabus

Upload syllabus: 2016-10-11 MEEN454 Tribology.docx

Letters of support or other documentation:
No

Additional information:
*Paper course form is attached to show approval/signatures.*

Reviewer Comments:
Sandra Williams (sandra.williams) (07/27/17 11:18 am): Made updates to enforce prerequisites.
Sandra Williams (sandra.williams) (10/08/17 1:14 pm): UCC approved October 2017.

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/16706/index.h... 10/30/2017
**Course Change Request**

**In Workflow**
1. MEEN Department Head
2. Curricular Services Review
3. EN Committee Preparer UG
4. EN Committee Chair UG
5. EN College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

**Approval Path**
1. 07/25/17 10:36 am
   Andreas Polycarpou (apolycarpou): Approved for MEEN Department Head
2. 07/27/17 11:27 am
   Sandra Williams (sandra williams): Approved for Curricular Services Review
3. 08/24/17 12:52 pm
   Eileen Hoy (ehoy): Approved for EN Committee Preparer UG
4. 09/01/17 12:21 pm
   Prasad Enjeti (enjeti): Approved for EN Committee Chair UG
5. 09/04/17 3:19 pm
   Sandra Williams (sandra williams): Approved for UCC Preparer
6. 10/08/17 1:19 pm
   Sandra Williams (sandra-williams): Approved for UCC Chair

**Rationale for Course**

- **Edit**
- **Other**

**Explain other rationale**

- Department has decided to strictly enforce pre-requisites and not allow instructor override.

**Catalog course description**

- Polymer structure, processing, property characterization at the molecular, microscopic and macroscopic dimensional levels for thermosets, thermoplastics, elastomers, fibers and advanced fibrous nonparticle filled composites and smart multi-performance structures.

**Prerequisites and Restrictions**

- MEEN 222; junior or senior classification. approval of instructor.

**Concurrent Enrollment**

- No

**Enforced Prerequisites / Concurrent Enrollment**

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>Concurrency?</th>
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</thead>
<tbody>
<tr>
<td>MEEN 222</td>
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</table>

**Crosslistings**

- No Crosslisted With

**Stacked**

- No Stacked with
 Semester: 3  Credit: 3  Hour(s) (per week): 3  Contact Hour(s): 3  Lecture: 3  Lab: 0  Other: 0  Total: 3

Repeatable for credit? No

Three-peat? No

CIP/Fund Code: 1418010006

Default Grade Mode: Letter Grade (G)

Alternate Grade Modes: Satisfactory/Unsatisfactory

Method of instruction: Lecture

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No

Will this course be taught as a distance education course? No

Is 100% of this course going to be taught in Texas? Yes

Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

Course Syllabus

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation: No

Additional information

Reviewer Comments: Sandra Williams (sandra-williams) (03/24/17 3:08 pm): Rollback: This is a 400-level course which "must contain either a course prerequisite implying course is designated for upper division or if no prerequisites, then junior or senior classification (FS.16.166)."


Reported to state? No
Course Change Request

Date Submitted: 08/14/17 10:29 am

Viewing: MUSC 214 : Perspectives on World Music

Last edit: 08/15/17 8:41 pm

Changes proposed by: bdoucet

Catalog Pages referencing this course

MUSC - Music (MUSC)

Programs referencing this course

BA PERF, Performance Studies, BA

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brianna Doucet</td>
<td><a href="mailto:bdoucet@tamu.edu">bdoucet@tamu.edu</a></td>
<td>9794580940</td>
</tr>
</tbody>
</table>

Rationale for Course

**Edit**

The proposed changes are part of a routine curriculum review.

Course prefix MUSC Course number 214

Department Performance Studies

College/School Liberal Arts

Academic Level Undergraduate

Effective term 2018-2019

Complete Course Title Perspectives on World Music

Abbreviated Course Title PERSPECTIVE WORLD MUSIC

Catalog course description

A thematic overview of basic issues in ethnomusicology; provides an appreciation for the diversity of ways in which music sound and music making are organized in world cultures; includes music making and the performance event, music and identity, music and nationalism, and music and globalization.

Prerequisites and Restrictions

MUSC 204, ENGL 104 and ANTH 201, or approval of instructor.

Concurrent Enrollment No

Should catalog prerequisites / concurrent enrollment be enforced? No

Crosslistings No Crosslisted With

Stacked No Stacked with

Semester 3 Credit Hour(s)

Contact Hour(s) 3 Lecture: 3 Lab: 0 Other: 0 Total: 3

Repeatable for credit? No

Three-peat? No

CIP/Fund Code 5009050003

Approval Path

1. 08/15/17 9:40 am Donnalee Dox (dox)

   Approved for PRFM Department Head

2. 08/15/17 8:41 pm Sandra Williams (sandra_williams)

   Approved for Curricular Services Review

3. 08/16/17 8:39 am Penny Boice (pboice)

   Approved for LA Committee Preparer

4. 09/12/17 3:26 pm Steve Oberhelman (s-oberhelman)

   Approved for LA Committee Chair UG

5. 09/12/17 3:31 pm Steve Oberhelman (s-oberhelman)

   Approved for LA College Dean UG

6. 09/13/17 7:28 pm Sandra Williams (sandra-williams)

   Approved for UCC Preparer

7. 10/08/17 1:19 pm Sandra Williams (sandra-williams)

   Approved for UCC Chair
Default Grade Mode: Letter Grade (G)
Alternate Grade Modes: Satisfactory/Unsatisfactory
Method of instruction: Lecture

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)
No

Will this course be taught as a distance education course?
No

Is 100% of this course going to be taught in Texas?
Yes

Will classroom space be needed for this course?
Yes

This will be a required course or an elective course for the following programs:
Required (select program)
Elective (select program)

[Table]

(BA-PERF) Performance Studies - BA

Has/will this course be (en) submitted for core curriculum consideration?
No

Has/will this course be (en) submitted for Writing or Communication consideration?
No

Has/will this course be (en) submitted for ICD consideration?
No

Course Syllabus

Syllabus:
Upload syllabus

Letters of support or other documentation
No

Additional information

Reviewer Comments:

Reported to state?
No
## Rationale for Course

The proposed changes are part of a routine curriculum review.

### Course Information

<table>
<thead>
<tr>
<th>Course prefix</th>
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<th>Course number</th>
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<tbody>
<tr>
<td>Department</td>
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<td>College/School</td>
<td>Liberal Arts</td>
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<tr>
<td>Academic Level</td>
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</table>

**Effective term:** 2018-2019

**Complete Course Title:** Fieldwork in World Music

**Abbreviated Course Title:** FIELDWORK IN WORLD MUSIC

### Prerequisites and Restrictions

MUSC 214 or approval of instructor.

**Concurrent Enrollment:** No

**Should catalog prerequisites / concurrent enrollment be enforced?:** No

**Crosslistings:** No

**Stacked:** No

**Semester Credit Hour(s):** 3

**Contact Hour(s):** 3

**Lecture:** 3

**Lab:** 0

**Other:** 0

**Total:** 3
<table>
<thead>
<tr>
<th>Alternate Grade Modes</th>
<th>Satisfactory/Unsatisfactory</th>
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<tbody>
<tr>
<td>Method of instruction</td>
<td>Lecture</td>
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<tr>
<td>Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)</td>
<td>No</td>
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<tr>
<td>Will this course be taught as a distance education course?</td>
<td>Yes</td>
</tr>
<tr>
<td>Is 100% of this course going to be taught in Texas?</td>
<td>Yes</td>
</tr>
<tr>
<td>Will classroom space be needed for this course?</td>
<td>Yes</td>
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</table>

This will be a required course or an elective course for the following programs:

<table>
<thead>
<tr>
<th>Program(s)</th>
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</thead>
<tbody>
<tr>
<td>(BA-PERF) Performance Studies - BA</td>
</tr>
</tbody>
</table>

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

---

**Course Syllabus**

Sylabus: Upload syllabus

Upload syllabus

Meeting times and locations

Learning outcomes

Instructor information

Textbook and/or Resource Material

Letters of support or other documentation No

Additional information


Reported to state? No
Course Change Request

Rationale for Course

The proposed changes are part of a routine curriculum review.

Catalog Course Description

Significant styles and techniques in contemporary music including classical, jazz and popular trends; contemporary sonic design achieved through written exercises, reading and critical listening.

Prerequisites and Restrictions

MUSC 204.

Concurrent Enrollment

No

Should catalog prerequisites / concurrent enrollment be enforced?

No

Crosslistings

No

Crosslisted With

Stacked

No

Stacked with

No

Repeatable for credit?

No

Three-peat?

No

Credit Hour(s)

3

Semester

3

Lecture:

3

Lab:

0

Other:

0

Total:

3

CIP/Fund Code

5009040003
Alternate Grade Modes: Satisfactory/Unsatisfactory

Method of instruction: Lecture

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)

No

Will this course be taught as a distance education course?

No

Is 100% of this course going to be taught in Texas?

Yes

Will classroom space be needed for this course?

Yes

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

<table>
<thead>
<tr>
<th>Program(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(BA-PERF) Performance Studies - BA</td>
</tr>
</tbody>
</table>

Has/will this course be (en) submitted for core curriculum consideration?

No

Has/will this course be (en) submitted for Writing or Communication consideration?

No

Has/will this course be (en) submitted for ICD consideration?

No

Course Syllabus

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation

No

Additional information


Reported to state?

No
## Course Change Request

**Date Submitted:** 08/15/17 4:53 pm

**Viewing:** **NFSC NUTR 469 : Experimental Nutrition and Food Science-Laboratory**

*Also Known As:* FSTC 469  *Formerly Known As:* NUTR 469

**Last edit:** 08/15/17 4:53 pm

Changes proposed by: poppycapehart

### Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
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<tbody>
<tr>
<td>Poppy Capehart</td>
<td><a href="mailto:poppy@tamu.edu">poppy@tamu.edu</a></td>
<td>9798452142</td>
</tr>
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</table>

### Rationale for Course

**Edit**

The proposed changes are to support major changes to an existing program. The proposed changes are part of a routine curriculum review.

**Course prefix:** NFSC  NUTR  
**Course number:** 469

**Department:** Nutrition & Food Science  
**College/School:** Agriculture & Life Sciences  
**Academic Level:** Undergraduate  
**Undergraduate course level justification (Select One):**

**Effective term:** 2018-2019

**Complete Course Title:**
Experimental Nutrition and Food Science Laboratory

**Abbreviated Course Title:** EXP NUTR & FOOD SCI LAB

### Catalog course description

Investigation of tools and molecular techniques used in nutritional intervention in studies of animal models of nutrition and metabolism, metabolic and psychological disorders (e.g., obesity, diabetes, cardiovascular disease, etc.); didactic and hands-on laboratory components; includes model systems, measurements of energy balance, body composition, RNA and protein analyses, obesity and depression; investigational approaches: behavioral analyses; RNA and protein analyses; reverse transcription-PCR.

### Prerequisites and Restrictions

**Junior CHEM 227, CHEM 237, junior or senior classification or approval of instructor.**

**Concurrent Enrollment:** No

**Should catalog prerequisites/concurrent enrollment be enforced?** No

### Crosslistings

**Crosslisted With:**
FSTC 469

**Stacked:** No  
**Stacked with:**

### Semester Credit Hour(s)

<table>
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<td>Lecture</td>
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<tr>
<td>Lab</td>
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<td>6</td>
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<tr>
<td>Other</td>
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<tr>
<td>Total</td>
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<td>7</td>
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**Repeatable for credit?** No

**CIP/Fund Code:** 3019010002

**Default Grade Mode:** Letter Grade (G)

**Method of instruction:** Lecture and Laboratory

**Will sections of this course be taught as non-traditional?** (i.e.,

---

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/11982/index.h... 10/30/2017
parts of term, distance education)

Will this course be taught as a distance education course? No

Is 100% of this course going to be taught in Texas? Yes

Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

<table>
<thead>
<tr>
<th>Required (select program)</th>
<th>Program(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(BS-NUTR-NSO) Nutrition - BS, Molecular and Experimental Track</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Elective (select program)</th>
<th>Program(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(BS-NUTR-GNO) Nutrition - BS, General Nutrition Track</td>
<td></td>
</tr>
</tbody>
</table>

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

Course Syllabus

Syllabus: Upload syllabus

Upload syllabus NFSC 469 Syllabus - 201831.pdf

Letters of support or other documentation No

Additional information Goal is to unstack NFSC 469 from NUTR 669 (soon to be NFSC 669); the cross-listed FSTC 469 course will be subsumed under the new NFSC and the course description changed per this form.

Reviewer Comments Sandra Williams (sandra-williams) (08/10/17 11:00 am): Rollback: Form shows course is stacked, however, syllabus does not reflect how graduate students will be graded. Sandra Williams (sandra-williams) (08/25/17 1:47 pm): Update received. Sandra Williams (sandra-williams) (10/08/17 1:15 pm): UCC approved October 2017.
Course Instructor: Erin Giles, PhD
214A Cater Mattil
Email: egiles@tamu.edu
Phone: 979.458.1859
My door is always open for questions; however, if you want to ensure that I’m in my office when you want to drop by, please call or email to set up an appointment.

Lectures: Tuesdays & Thursdays 09:35 – 10:25
Kleberg 007

Lab: Thursday 10:45 – 13:45 (immediately following lecture)
Most labs will meet in Kleberg 007
Other locations/scheduling TBA

NFSC Lab Coordinator: Emma Link

TA: TBD

Textbook & Resource Materials: There is no required text. Reading material, PowerPoint presentations, and other resources will be posted on eCampus.

Course Description and Prerequisites

Description: Investigation of tools and molecular techniques used in studies of nutrition and metabolism (e.g. obesity, diabetes, cardiovascular disease, etc.); didactic and hands-on laboratory components; Includes: model systems, measurements of energy balance, body composition, RNA and protein analyses.

Prerequisites: U3, U4 Classification or instructor approval

Learning Outcomes:
Upon completion of this course, students will:

1. Exhibit a solid understanding of several techniques used in nutritional research studies, including study design, choice of model systems, and common methods used in the field.
2. Have gained hands on experience performing some of the techniques discussed in class.
3. Have the ability to critically evaluate published studies in the nutritional sciences, and describe the strengths and weaknesses of the study design, methods used, and interpretation of the results.
Grading: Grading will be as follows, firm:
A = 90-100 %; B = 80-89.99 %, C = 70-79.99 %, D= 60-69.99 %.

Academic Integrity & Conduct (http://aggiehonor.tamu.edu):
“An Aggie does not lie, cheat, or steal, or tolerate those who do.”

If any student is found violating the academic honesty policy they will be granted a grade of zero for that piece of work or a failing grade for the class. Students should understand what constitutes plagiarism and realize that this constitutes a major offense. Students should respect the attitudes and opinions of fellow class members at all times. Students should always conduct themselves in a professional manner - we reserve the right to ask students to leave the classroom if their behavior is considered disruptive in any way.

Exam and lab policy:
Lab attendance is compulsory given it is a major component of this class.

*Unexcused absences:* will receive a zero (0) for both the lab and for any quizzes that week.

*Excused absences:* will be required to complete a written assignment, per the instructions of the instructor/TA to compensate for the missed lab. Quizzes missed due to an excused absence will not be included in the final grade, and all other quizzes will be given increased weight to compensate.

More information on the university attendance policies can be found here: [http://student-rules.tamu.edu/rule07](http://student-rules.tamu.edu/rule07)

No makeup exams or quizzes will be offered, except with prior approval of the instructor and documented justification (medical or similar). Examination will be at the end of the semester.

Assessment breakdown:
Class Participation 10%
Lab notebook (graded throughout the semester) 30%
Quizzes (multiple throughout the semester) 15%
Choice of final paper for presentation by Thurs, Sept 21st 5%
Summary of your final paper is due in lab, Thurs, Oct 9th 10%
Final paper presentation and oral exam 30%

**Additional information regarding assessment and related rubrics will be posted on eCampus.

Class participation: Student involvement during the lecture and lab is important for learning and collective feedback. Participation includes interaction with others, posing questions, presenting a summary of each week’s lab etc. You will be randomly selected to summarize and present the lab section for the week – come prepared!
**Lab notebook:** In week 1, we will discuss what constitutes good lab notebook keeping. During the semester you will submit your notebook each week, or as requested, for grading and feedback from the TA or instructor. In addition to grading the content of your lab notebook, you will also be evaluated on your ability to improve your notebook over the semester by responding to the feedback provided in the previous weeks.

**Research paper presentation and oral final exam:** Students will present a 10-minute review of a single research paper. Additional instructions and guidelines will be provided in class and on eCampus. Students will be expected to understand each technique or method used in the paper they are presenting and are discouraged from reading slides. Focus is not on "pretty" presentations but rather comprehension of the methods used, and interpretation of the data. This will necessitate a significant amount of background reading and reading of extra papers, seeking out more information from Dr. Giles, or other Professors etc (good chance to get to know them too!).

**What paper to choose?**
Starting in lab in week 1 we will introduce how to search for scientific papers for this class, and the criteria that an appropriate paper will need to meet.

By Sept 7th we will expect that you have identified 5 papers of interest that meet the goals for this assignment.

You will be required to nominate a paper by lab on Thurs, Sept 21st. You should submit a copy of that paper on eCampus at that time with your name on it.

**Research paper presentation during oral final exam**
Use of PowerPoint is encouraged, but not required. Be sure to focus on 3 things - the methods, the physiology, and the results. You will be expected to understand all techniques used in this paper and how/why they were used. This will then be the stepping off point for additional oral exam questions.

**Summary of your paper for presentation. Due Oct 9th.**
Each student will submit a written summary of their paper on Oct 9th in lab. Should not be more than 1 page, single-spaced. That way when you present your paper your audience will have a summary of what you are going to be talking about.

The suggested format for this summary is like your lab book entry:
- Title
- Objective or hypothesis
- Methods
- Results
- Conclusions

**Oral exam:** During the last few weeks of classes or during the exam timeslot, you will schedule a time to present your paper to Dr. Giles, the TA(s), and possibly other invited faculty members or graduate students from the Nutrition Department who are available to attend. You will have 10 minutes to present the paper you have studied all semester,
then answer questions from members of the audience. Questions may address any information in the paper, as well as material covered in the class and its application. Each oral exam will be scheduled for a 30 minute time slot. A sign-up sheet will be available at the beginning of the semester, and dates will vary depending on the number of students enrolled in the course.

**Work outside of class:** A component of this class may involve time outside of regular class hours, which is built into the number of units. For example, we want to spend time teaching you histology that cannot be done as a large group but is better done in smaller sets. Further, we want you to have hands-on experience caring for your animals (mice or rats) or cell cultures that will involve you working with others to get these tasks done. Finally, some of your analyses will be done after hours when you will have access to the lab if needed – you will of course follow all safety guidelines etc. as required. Access to the lab will be at set times so we can work around other scheduled classes.

**Accommodations**
We are more than happy to consider any accommodations you might have. However please understand this is a lab class that requires your mandatory participation. Requests should incorporate documentation from Student Services if appropriate.

**Americans with Disabilities Act (ADA)**
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services located in the Disability Services building at the Student Services at White Creek complex on west campus or call 845-1637. For additional information visit http://disability.tamu.edu.
<table>
<thead>
<tr>
<th>Week #</th>
<th>Date</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Aug-29</td>
<td>Fundamental aspects of record keeping, data property, advanced lab skills, Designing an experiment</td>
</tr>
<tr>
<td>2</td>
<td>Sep-05</td>
<td>Pipetting, Buffers, Molarity, Making Solutions, Weighing, pH, protein assay.</td>
</tr>
</tbody>
</table>
| 3      | Sep-12   | Cell culture; Animal models  
Diets & Nutritional Interventions  
Measuring EI and TEE (calorimetry) |
| 4      | Sep-19   | Glucose tolerance test (Yu Xiang Sun) |
| 5      | Sep-26   | Body composition analysis  
Rodent necropsy and tissue collection for fixation and freezing |
| 6      | Oct-03   | Biochemical assay of glucose content and insulin ELISA |
| 7      | Oct-10   | Overview of histology; students set up their fixed samples  
Tissue processing for protein, DNA, RNA |
| 8      | Oct-17   | Tissue embedding and sectioning demonstration  
H & E staining and coverslipping |
| 9      | Oct-24   | Immunohistochemistry performed on prepared sections during the week  
Western blotting |
| 10     | Oct-31   | Assignment - TBD |
| 11     | Nov-07   | Microscopy and histology, analysis of H and E, immunohistochemistry results |
| 12     | Nov-14   | PCR and RT-PCR to detect genes and gene expression |
| 13     | Nov-21   | Thanksgiving week - no Thurs class |
| 14     | Nov-28   | Protein Analyses: Western Blot (Traditional vs WES) and Luminex |
| 15     | Dec-05   | Protein Analyses: Western Blot (Traditional vs WES) and Luminex continued. |
Course Change Request

Date Submitted: 08/15/17 4:15 pm

Viewing: NFSC 475 NUTR 470: Nutrition and Physiological Chemistry

Formerly Known As: NUTR 470

Last edit: 08/25/17 2:11 pm

Changes proposed by: poppycapehart

Faculty Senate Number

Contact(s)

<table>
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<tr>
<th>Name</th>
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<tr>
<td>Poppy Capehart</td>
<td><a href="mailto:poppy@tamu.edu">poppy@tamu.edu</a></td>
<td>9798452142</td>
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Rationale for Course Edit

The proposed changes are to support major changes to an existing program. The proposed changes are part of a routine curriculum review.

Course prefix: NFSC  NUTR  Course number: 475 470

Department: Nutrition & Food Science
College/School: Agriculture & Life Sciences
Academic Level: Undergraduate
Undergraduate course level justification (Select One)

Academic Level (alternate): Graduate
Effective term: 2018-2019

Complete Course Title: Nutrition and Physiological Chemistry
Abbreviated Course Title: NUTR & PHYSIOLOG CHEM

Catalog course description:
Fundamentals of physiology, biochemistry and nutrition and their relationship to the organismic and cellular metabolism of animals; biochemical basis of hormonal action.

Prerequisites and Restrictions:
NFSC NUTR 203; NFSC NUTR 301; NFSC 365, BICH 410; senior classification or approval of department head.

Concurrent Enrollment: No
Should catalog prerequisites / concurrent enrollment be enforced?

Enforced Prerequisites / Concurrent Enrollment

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<td>And</td>
<td>BICH 410</td>
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Crosslistings: No Crosslisted With
SFSC 475: Nutrition and Physiological Chemistry

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Will this course be taught as a distance education course?

Will 100% of this course going to be taught in Texas?

Will classroom space be needed for this course?

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration?

Has/will this course be (en) submitted for Writing or Communication consideration?

Has/will this course be (en) submitted for ICD consideration?

Course Syllabus

Syllabus: Upload syllabus

Upload syllabus

NFSC 475 Syllabus - 201831.pdf

Letters of support or other documentation

No

Additional information

Reviewer Comments

Sandra Williams (sandra-williams) (08/10/17 10:56 am): Rollback: NFSC 444 is listed in the enforced prerequisites but not the catalog prerequisites. Should it be added/removed? Also, syllabus prerequisites do not match form.

Sandra Williams (sandra-williams) (08/25/17 2:12 pm): Update received.


Reported to state?

Add
NFSC 475 – Section 500
Nutrition & Physiological Chemistry, 3 credits
Course Syllabus, Fall 2018

Instructor: Chaodong Wu, MD, PhD
Cater Mattil 217A
Phone: 979 458 1521  Email: cdwu@tamu.edu
Office hour: By appointment

Alternative Instructor:
TBD

Time: Tues/Thur 12:45 PM – 2:00 PM
Location: KLCT 127

Textbook: A text is NOT required. Any biochemistry book, e.g., Harper’s Biochemistry, is an excellent reference.

Course Description: This course is an integration of nutrition, biochemistry, and physiology. Students will be provided with knowledge of how macronutrients, i.e., carbohydrates, lipids, and proteins are used for energy, as well as related physiological regulation. This course also includes nutrition aspects of macronutrients for health promotion and disease prevention.

Prerequisites: NUTR 203, NUTR 301, NUTR 365 and BICH 410 or approval by Instructor

Course Objectives: Upon successful completion of the course, students should have a comprehensive understanding of how metabolism of 1) carbohydrates 2) lipids and 3) proteins and amino acids is regulated at the integrative level. Students should also know typical macronutrients that are considered for health promotion and disease prevention.

Learning Outcomes: Students should know and be able to communicate verbally and in writing that 1) dietary recommendations for intake of carbohydrates, lipids, and proteins are to meet the energy requirement of the body; 2) essential nutrients that generate health benefits; 3) nutrients have to be digested, absorbed, and metabolized for energy generation; 4) metabolic pathways are coordinately regulated under a given nutritional condition; and 5) key enzymes that are involved in energy metabolism are appropriately regulated under physiological conditions

Evaluation:
Exams – (100 points each) 300 points
Final Exam 150 + 10 points
Quizzes – 6 (1 quiz will be dropped, 10 points each) 50 points
Bonus (as needed) (up to 5 points)
Total 500 + 10 points
Final grade: A 450 – 500 points
B 400 – 449 points
C 350 – 399 points
D 300 – 349 points
F < 299 points

Academic integrity statement: (For more information see http://aggiehonor.tamu.edu)

An Aggie does not lie, cheat, or steal or tolerate those who do.

Photocopy, record, or exchange quiz and exam materials are prohibited.

Make-Up Policy: Make-up examinations will be given only for University-authorized absences. It is the student’s responsibility to arrange a date and time with the instructor within 24 hours of missing the exam. Make-up quizzes will not be given. Students are allowed to drop one quiz grade. If it is necessary to miss a quiz, that quiz will automatically be the grade dropped.

ADA statement: The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information, visit http://disability.tamu.edu.

Useful tips:
- Recommendations for how to obtain a letter grade better than “B”
  - Do well with each quiz and do well with each exam to release the pressure on the final
  - Do not wait just before the final exam to talk with Dr. Wu about how to obtain a letter grade better than “B”

Why students need to attend classes?
- Tracking records for grading and/or writing reference letters
- Opportunities for teaching-learning interactions
- Learning opportunities in research data interpretation

Copyrights: Copyrighted materials include all electronic files generated for this class, including but not limited to syllabus, lecture notes, and material posted in the e-campus.

Materials may be downloaded or photocopied for PERSONAL USE only, and should NOT be given or sold to other individuals. It is strongly prohibited to post lecture notes and related materials on website or social media without asking permission from Dr. Chaodong Wu.
Lecture Schedule (subject to change)

**Week 1**
Tues, Aug 29  Introduction to the course, content, and methods of evaluation;  
**Lecture 1**: Introduction of Energy Metabolism

Thur, Aug 31  **Lecture 2**: Carbohydrate Nutrition, Digestion, and Absorption

**Week 2**
Tues, Sept 05  **Lecture 3**: Basic Concepts of Glucose Metabolism

Thur, Sept 07  **Lecture 4**: Nutritional Regulation of Glycolysis

**Week 3**
Tues, Sept 12  **Lecture 5**: Nutritional Regulation of Gluconeogenesis

Thur, Sept 14  **Lecture 6&7**: Nutrient Metabolism: Glycogen Metabolism (Part 1)  
**Quiz # 1, Carbohydrates (Lectures 1 - 5)**

**Week 4**
Tues, Sept 19  **Lecture 6&7**: Nutrient Metabolism: Glycogen Metabolism (Part 2)

Thur, Sept 21  **Lecture 8**: Nutrient Metabolism: the Oxidation of Pyruvate;

**Week 5**
Tues, Sept 26  **No class** (due to travel)

Thur, Sept 28  **Lecture 9**: Nutrient metabolism: the TCA Cycle and the Electron Transport System

**Week 6**
Tues, Oct 03  **Lecture 10**: Nutritional Regulation of Glucose Homeostasis from Integrative Perspective  
**Quiz #2, Carbohydrates (Lectures 1 - 9)**

Thur, Oct 05  **EXAM 1: Carbohydrates (Lectures 1 - 10)**

**Week 7**
Tues, Oct 10  **Lecture 11**: Basic Concepts of Lipid Nutrition

Thur, Oct 12  **Lecture 12**: Lipid Digestion, Absorption, Transport, and Storage

**Week 8**
Tues, Oct 17  **Lecture 13**: Nutrient Metabolism: Triglycerides and Lipoproteins

Thur, Oct 19  **Lecture 14**: Nutritional Regulation of Lipogenesis  
**Quiz #3, Lipids (Lectures 11 - 13)**
Week 9
Tues, Oct 24  Lecture 15: Nutritional Regulation of Lipolysis

Thur, Oct 26  Lecture 16: Nutritional Regulation of Fatty Acid Oxidation

Week 10
Tues, Oct 31  Lecture 17: Nutritional Regulation of Ketogenesis; Quiz #4, Lipids (Lectures 11 - 16)

Thur, Nov 02  EXAM 2: Lipids (Lectures 11 - 17)

Week 11
Tues, Nov 07  Lecture 18: Nutritional Control of Systemic Metabolic Homeostasis

Thur, Nov 09  Lecture 19&20: Overview of Protein Nutrition, Digestion and Absorption

Week 12
Tues, Nov 14  Lecture 21: Overview of Protein Metabolism Quiz #5, Proteins (Lectures 19 -20)

Thur, Nov 16  Lecture 22: Transdeamination

Week 13
Tues, Nov 21  Lecture 23: The Urea cycle: Reactions and Regulation Quiz #6, proteins (Lectures 19 -22)

Thur, Nov 23  Thanksgiving break

Week 14
Tues, Nov 28  EXAM 3: Proteins (Lectures 19 -23)

Thur, Nov 30  Teaching evaluations; Lecture 24: Final Review

FINAL EXAM (Lectures 1 - 23) Is December 13, Wednesday 8:00–10:00 AM
### Course Change Request

**Viewing:** PHYS 101: Freshman Physics Orientation  
**Last edit:** 09/25/17 9:36 am  
**Changes proposed by:** hwalker

#### Catalog Pages referencing this course
- Department of Physics and Astronomy
  - PHYS: Physics (PHYS)

#### Programs referencing this course
- BA PHYS: Physics - BA
- BS-METR: Meteorology - BS
- BS-PHYS: Physics - BS

#### Faculty Senate Number

#### Contact(s)

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Heather Walker</td>
<td><a href="mailto:hwalker@physics.tamu.edu">hwalker@physics.tamu.edu</a></td>
<td>9798621553</td>
</tr>
</tbody>
</table>

#### Rationale for Course

The proposed changes are part of a routine curriculum review.

**Course prefix:** PHYS  
**Course number:** 101  
**Department:** Physics and Astronomy  
**College/School:** Science  
**Academic Level:** Undergraduate  
**Undergraduate course level justification (Select One):**

- Academic Level: Graduate  
- Effective term: 2018-2019  
**Complete Course Title:** Freshman Physics Orientation  
**Abbreviated Course Title:** FRESHMAN PHYSICS ORIENT

#### Catalog course description

Critical thinking skills and problem solving in physics: time management and teaming skills. For physics majors. Registration by non-majors requires approval of instructor.

#### Prerequisites and Restrictions

- PHYS 218 or registration therein; MATH 171 or registration therein; approval of instructor.

#### Concurrent Enrollment

- No

#### Should catalog prerequisites / concurrent enrollment be enforced?

- No

#### Crosslistings

- No  
- Crosslisted With

#### Stacked

- No  
- Stacked with

#### Semester

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#### Repeatable for credit?

- No

#### Threepeat?

- No

#### CIP/Fund Code

- 4008010002

#### Default Grade Mode

- Letter Grade (G)
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<td>Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)</td>
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<tr>
<td>Is 100% of this course going to be taught in Texas?</td>
<td>Yes</td>
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<tr>
<td>Will classroom space be needed for this course?</td>
<td>Yes</td>
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This will be a required course or an elective course for the following programs:

Required (select program)
Elective (select program)

| Has/will this course be (en) submitted for core curriculum consideration? | No |
| Has/will this course be (en) submitted for Writing or Communication consideration? | No |
| Has/will this course be (en) submitted for ICD consideration?             | No |

**Course Syllabus**

- Syllabus: Upload syllabus
- Letters of support or other documentation: No
- Additional information

**Reviewer Comments**

**Reported to state?**
No
Course Change Request

Date Submitted: 09/20/17 3:38 pm

Viewing: PHYS 102: Freshman Physics Orientation II

Last edit: 09/25/17 9:37 am

Changes proposed by: hwalker

Catalog Pages referencing this course
- Department of Physics and Astronomy
- PHYS - Physics (PHYS)

Programs referencing this course
- BA PHYS: Physics - BA
- BS PHYS: Physics - BS

Faculty Senate Number

Contact(s)

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Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Course prefix: PHYS 102

Department: Physics and Astronomy

College/School: Science

Academic Level: Undergraduate

Effective term: 2018-2019

Complete Course Title

Freshman Physics Orientation II

Abbreviated Course Title

FRESHMAN PHYS ORIENT II

Catalog course description

Critical thinking skills and problem solving in physics: time management and teaming skills. For physics majors. Registration by non-majors requires approval of instructor.

Prerequisites and Restrictions

PHYS 101, PHYS 208 or registration therein, MATH 172 or registration therein, or approval of instructor.

Concurrent Enrollment

No

Be enforced?

No

Crosslistings

No

Crosslisted With

Stacked

No

Stacked with

Semester Credit Hour(s)

1 1

Contact Hour(s)

Lecture: 1

Lab: 0

Other: 0

Total: 1

Repeatable for credit?

No

Three-peat?

No

CIP/Fund Code

4008010002

Default Grade Mode

Letter Grade (G)

In Workflow

1. PHYS Department Head
2. Curricular Services Review
3. SC Committee Preparer UG
4. SC Committee Chair UG
5. SC College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

Approval Path

1. 09/20/17 7:10 pm
   Lewis Ford (a-ford): Approved for PHYS Department Head

2. 09/25/17 9:38 am
   Sandra Williams (sandra-williams): Approved for Curricular Services Review

3. 09/25/17 10:04 am
   Sara Thigpin (sarathigpin): Approved for SC Committee Preparer UG

4. 09/25/17 1:19 pm
   Lucas Macri (lmacri): Approved for SC Committee Chair UG

5. 09/25/17 1:21 pm
   Lucas Macri (lmacri): Approved for SC College Dean UG

6. 09/25/17 4:24 pm
   Sandra Williams (sandra-williams): Approved for UCC Preparer

7. 10/08/17 1:20 pm
   Sandra Williams (sandra-williams): Approved for UCC Chair
Alternate Grade Modes: Satisfactory/Unsatisfactory

Method of instruction: Lecture

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)
No

Is 100% of this course going to be taught in Texas?
Yes

Will classroom space be needed for this course?
Yes

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration?
No

Has/will this course be (en) submitted for Writing or Communication consideration?
No

Has/will this course be (en) submitted for ICD consideration?
No

---

**Course Syllabus**

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation
No

Additional information


Reported to state?
No
Course Change Request

Viewing: PHYS 208 : Electricity and Optics

Last edit: 09/11/17 8:54 pm
Changes proposed by: hwalker

Catalog Pages referencing this course

- PHYS Department Head
- Curricular Services Review
- SC Committee Preparer UG
- SC Committee Chair UG
- SC College Dean UG
- UCC Preparer
- Faculty Senate
- Provost II
- President
- Curricular Services
- Banner

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Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix: PHYS  
Course number: 208

Department: Physics and Astronomy

College/School: Science

Academic Level: Undergraduate

Undergraduate course level justification (Select One)

Prerequisites

All prerequisites will be enforced through COMPASS.

Academic Level

Graduate

Effective term

2018-2019

Complete Course Title

Electricity and Optics

Abbreviated Course Title

ELECTRICITY AND OPTICS

Catalog course description

Continuation of PHYS 218. Electricity, magnetism, and introduction to optics. Primarily for students in science and engineering.

Prerequisites and Restrictions

PHYS 218, MATH 152 or MATH 172. 

Concurrent Enrollment

No

Should catalog prerequisites / concurrent enrollment be enforced?

Yes

Enforced Prerequisites / Concurrent Enrollment

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Crosslistings

No

Crosslisted With

Stacked

No

Stacked with
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Repeatable for credit? No

Three-peat? No

CIP/Fund Code 4008010002

Default Grade Mode Letter Grade(G)

Alternate Grade Modes Satisfactory/Unsatisfactory

Method of instruction Lecture and Laboratory

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No

Will this course be taught as a distance education course? No

Is 100% of this course going to be taught in Texas? Yes

Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? Yes

Proposed Core Foundational Component Area

Approved Foundational Component Area Core Life/Physical Sci (KLPS)

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

Course Syllabus

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation No

Additional information


Reported to state?
No
Course Change Request

Viewing: PHYS 218 : Mechanics

Catalog Pages referencing this course
AERO - Aerospace Engineering (AERO)
AGSM - Agricultural Systems Mgmt (AGSM)
ATMO - Atmospheric Sciences (ATMO)
Artie McFerrin Department of Chemical Engineering
BAIN - Biological & Ag Engr (BAIN)
CHEM - Chemistry (CHEM)
CHEN - Chemical Engineering (CHEN)

Faculty Senate Number

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Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Catalog course description

Mechanics for students in science and engineering.

Prerequisites and Restrictions

MATH 151 or MATH 171, \( \text{or registration therein.} \)

Concurrent Enrollment

Yes

Should catalog prerequisites / concurrent enrollment be enforced?

Enforced Prerequisites / Concurrent Enrollment

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<th>( )</th>
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<td>MATH 171</td>
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Crosslistings

No Crosslisted With

Stacked

No Stacked with
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<td>Yes</td>
</tr>
<tr>
<td>This will be a required course or an elective course for the following programs:</td>
<td></td>
</tr>
<tr>
<td>Required (select program)</td>
<td></td>
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<tr>
<td>Elective (select program)</td>
<td></td>
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<td>Has/will this course be (en) submitted for core curriculum consideration?</td>
<td>Yes</td>
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<tr>
<td>Proposed Core Foundational Component Area</td>
<td>Core Life/Physical Sci (KLPS)</td>
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<tr>
<td>Has/will this course be (en) submitted for Writing or Communication consideration?</td>
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<td>Has/will this course be (en) submitted for ICD consideration?</td>
<td>No</td>
</tr>
</tbody>
</table>

**Course Syllabus**

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation: No

Additional information

Reviewer Comments: Holly Gaede (hgaede) (09/12/17 2:13 pm): Not an issue for chemistry, but would MATH147 be an adequate prereq?

Reported to state? No
Course Change Request

Viewing: PHYS 221: Optics and Thermal Physics

Last edit: 09/25/17 9:42 am
Changes proposed by: hwalker

Rationale for Course

Ed'the proposed changes are part of a routine curriculum review.

Course prefix PHYS Course number 221
Department Physics and Astronomy
College/School Science
Academic Level Undergraduate
Undergraduate course level justification (Select One)
- Prerequisites

All prerequisites will be enforced through COMPASS.

Academic Level Graduate

Effective term 2018-2019

Complete Course Title Optics and Thermal Physics

Abbreviated Course Title OPTICS&THERMAL PHYSICS

Catalog course description Wave motion and sound, geometrical and physical optics, kinetic theory of gases, laws of thermodynamics.

Prerequisites

PHYS 208 , MATH 253 or concurrent enrollment; MATH 221, MATH 251, or MATH 253, or concurrent enrollment; MATH 308 or concurrent enrollment, MATH 221, MATH 208.

Concurrent Enrollment No

Should catalog prerequisites / concurrent enrollment be enforced? Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
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Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
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</thead>
<tbody>
<tr>
<td>Heather Walker</td>
<td><a href="mailto:hwalker@physics.tamu.edu">hwalker@physics.tamu.edu</a></td>
<td>9798621653</td>
</tr>
</tbody>
</table>

Approval Path

1. 09/20/17 7:10 pm Lewis Ford (a ford): Approved for PHYS Department Head
2. 09/25/17 9:43 am Sandra Williams (sandra williams): Approved for Curricular Services Review
3. 09/25/17 10:05 am Sara Thigpin (sarathigpin): Approved for SC Committee Preparer UG
4. 09/25/17 1:19 pm Lucas Macri (lmacri): Approved for SC Committee Chair UG
5. 09/25/17 1:21 pm Lucas Macri (lmacri): Approved for SC College Dean UG
6. 09/25/17 4:25 pm Sandra Williams (sandra-williams): Approved for UCC Preparer
7. 10/08/17 1:20 pm Sandra Williams (sandra-williams): Approved for UCC Chair

In Workflow

1. PHYS Department Head
2. Curricular Services Review
3. SC Committee Preparer UG
4. SC Committee Chair UG
5. SC College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate
9. Provost II
10. President
11. Curricular Services
12. Banner

Catalog Pages referencing this course
- Department of Physics and Astronomy
  - GEOP - Geophysics (GEOP)
  - PHYS - Physics (PHYS)
- BA PHYS: Physics - BA
- BS-FVS-SC: Forensic and Investigative Sciences - BS, Science Emphasis
- BS-GEOP: Geophysics - BS
- BS-OCNG: Oceanography - BS

Programs referencing this course
- BA PHYS: Physics
- BS FIVS: SCE: Forensic and Investigative Sciences - BS, Science Emphasis
- BS GEOP: Geophysics - BS
- BS OCNG: Oceanography - BS

Date Submitted: 09/20/17 3:42 pm
Viewing: PHYS 221: Optics and Thermal Physics
Last edit: 09/25/17 9:42 am
Changes proposed by: hwalker

Enforced Prerequisites / Concurrent Enrollment

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<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
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<th>Concurrency?</th>
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<tbody>
<tr>
<td>And</td>
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https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/13083/index.htm... 10/30/2017
Crosslistings

<table>
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Stacked

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Semester

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<td>Three-peat?</td>
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<td>Alternate Grade Modes</td>
<td>Satisfactory/Unsatisfactory</td>
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<tr>
<td>Method of instruction</td>
<td>Lecture</td>
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<tr>
<td>Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)</td>
<td>No</td>
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<td>Is 100% of this course going to be taught in Texas?</td>
<td>Yes</td>
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<td>Will classroom space be needed for this course?</td>
<td>Yes</td>
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</table>

This will be a required course or an elective course for the following programs:

- Required (select program)
- Elective (select program)
- Has/will this course be (en) submitted for core curriculum consideration? No

- Has/will this course be (en) submitted for Writing or Communication consideration? No
- Has/will this course be (en) submitted for ICD consideration? No

---

**Course Syllabus**

- Syllabus: Upload syllabus
- Upload syllabus
- Letters of support or other documentation: No
- Additional information
- Reviewer Comments

---
Sandra Williams (sandra-williams) (09/25/17 9:42 am): Edits made to the enforced prerequisite table to comply with the update catalog prerequisites.


Reported to state?

No
Course Change Request

Date Submitted: 09/20/17 4:10 pm

Viewing: PHYS 222: Modern Physics for Engineers

Last edit: 09/25/17 9:46 am
Changes proposed by: hwalker

Catalog Pages referencing this course
- Department of Electrical & Computer Engineering
  - ECEN, Electrical & Comp Engr (ECEN)
- Physics (PHYS)

Programs referencing this course
- BS-ELEN: Electrical Engineering - BS
- BS-ELEN-QT: Electrical Engineering - BS, Qatar Campus

Faculty Senate Number

Contact(s)

<table>
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<td>9798621653</td>
</tr>
</tbody>
</table>

Rationale for Course

Edit
The proposed changes are part of a routine curriculum review.

Course prefix: PHYS
Course number: 222
Department: Physics and Astronomy
College/School: Science
Academic Level: Undergraduate
Undergraduate course level justification (Select One)

Prerequisites
All prerequisites will be enforced through COMPASS.

Academic Level (alternate)
Graduate

Effective term: 2018-2019

Complete Course Title
Modern Physics for Engineers

Abbreviated Course Title
MODERN PHYS FOR ENGRS

Catalog course description
Atomic, quantum, relativity and solid state physics.

Prerequisites and Restrictions

PHYS 208 or PHYS 211, MATH 308 or concurrent enrollment, registration therein.

Concurrent Enrollment
No

Should catalog prerequisites / concurrent enrollment be enforced?
Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>Concurrency?</th>
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<td>MATH 308</td>
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Catalog Pages

- Department of Electrical & Computer Engineering
  - ECEN, Electrical & Comp Engr (ECEN)
- Physics (PHYS)

Programs referencing this course

- BS-ELEN: Electrical Engineering - BS
- BS-ELEN-QT: Electrical Engineering - BS, Qatar Campus

Approval Path

1. 09/20/17 7:10 pm
   Lewis Ford (a.ford):
   Approved for PHYS Department Head
2. 09/25/17 9:46 am
   Sandra Williams (sandra.williams):
   Approved for Curricular Services Review
3. 09/25/17 10:06 am
   Sara Thigpin (sarathigpin):
   Approved for SC Committee Preparer UG
4. 09/25/17 1:19 pm
   Lucas Macri (lmacri):
   Approved for SC Committee Chair UG
5. 09/25/17 1:21 pm
   Lucas Macri (lmacri):
   Approved for SC College Dean UG
6. 09/25/17 4:25 pm
   Sandra Williams (sandra.williams):
   Approved for UCC Preparer
7. 10/08/17 1:20 pm
   Sandra Williams (sandra.williams):
   Approved for UCC Chair
Semester: 3  
Credit Hour(s): 3  
Contact Hour(s) (per week): 3  
Repeatable for credit?: No  
Three-peat?: No  
CIP/Fund Code: 4008010002  
Default Grade Mode: Letter Grade(G)  
Alternate Grade Modes: Satisfactory/Unsatisfactory  
Method of instruction: Lecture  
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education): No  
Will this course be taught as a distance education course?: No  
Is 100% of this course going to be taught in Texas?: Yes  
Will classroom space be needed for this course?: Yes  
This will be a required course or an elective course for the following programs:  
Required (select program)  
Elective (select program)  
Has/will this course be (en) submitted for core curriculum consideration?: No  
Has/will this course be (en) submitted for Writing or Communication consideration?: No  
Has/will this course be (en) submitted for ICD consideration?: No  
Syllabus: Upload syllabus  
Letters of support or other documentation: No  
Additional information  
Reviewer Comments: 
Sandra Williams (sandra-williams) (09/25/17 9:46 am): Edits made to the enforced prerequisite table to comply with the updated catalog prerequisites.  
Reported to state?: No
Course Change Request

Date Submitted: 09/12/17 2:31 pm

Viewing: PHYS 225 : Electronic Circuits and Applications

Last edit: 09/19/17 2:49 pm
Changes proposed by: hwalker

Catalog Pages referencing this course

- Department of Physics and Astronomy
  - PHYS - Physics (PHYS)

Programs referencing this course

- BA PHYS: Physics - BA
- BS PHYS: Physics - BS

Rationale for Course

**Edit**

The proposed changes are part of a routine curriculum review.

Course prefix: PHYS
Course number: 225
Department: Physics and Astronomy
College/School: Science
Academic Level: Undergraduate
Undergraduate course level justification (Select One)

**Prerequisites**

All prerequisites will be enforced through COMPASS.

Academic Level (alternate): Graduate
Effective term: 2018-2019

Complete Course Title:
Electronic Circuits and Applications

Abbreviated Course Title:
ELECTRONIC CIRCUITS

Catalog course description

Linear circuit theory and applications of solidstate diodes, bipolar and field-effect transistors, operational amplifiers and digital systems.

Prerequisites and Restrictions

PHYS 208; MATH 308.

Concurrent Enrollment:
No

Should catalog prerequisites / concurrent enrollment be enforced?

Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
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<tr>
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Crosslistings:

No

Stacked:

No

Stacked with:

Contribution:

1. PHYS Department Head
2. Curricular Services Review
3. SC Committee Preparer UG
4. SC Committee Chair UG
5. SC College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

Approval Path

1. 09/12/17 2:40 pm
   Lewis Ford (a­ford):
   Approved for PHYS Department Head

2. 09/19/17 2:50 pm
   Sandra Williams (sandra­williams):
   Approved for Curricular Services Review

3. 09/19/17 3:01 pm
   Sara Thigpin (sarathigpin): Approved for SC Committee Preparer UG

4. 09/19/17 8:49 pm
   Lucas Macri (lmacri):
   Approved for SC Committee Chair UG

5. 09/19/17 8:50 pm
   Lucas Macri (lmacri):
   Approved for SC College Dean UG

6. 09/20/17 10:01 am
   Sandra Williams (sandra­williams):
   Approved for UCC Preparer

7. 10/08/17 1:20 pm
   Sandra Williams (sandra­williams):
   Approved for UCC Chair

Contact(s)

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<td>9798621653</td>
</tr>
</tbody>
</table>

Catalog course description

Linear circuit theory and applications of solidstate diodes, bipolar and field-effect transistors, operational amplifiers and digital systems.

Phybanner: 09/12/17 2:31 pm
Changes proposed by: hwalker

As A Banner Prerequisite:

Catalog Pages

D

Programs referencing this course

BA PHYS: Physics - BA
BS PHYS: Physics - BS
<table>
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<th>Semester</th>
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<td>(per week):</td>
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Repeatable for credit? No

Three-peat? No

CIP/Fund Code 400801002

Default Grade Mode Letter Grade (G)

Alternate Grade Modes Satisfactory/Unsatisfactory

Method of instruction Lecture and Laboratory

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No

Will this course be taught as a distance education course? No

Is 100% of this course going to be taught in Texas? Yes

Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

<table>
<thead>
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<th>Required (select program)</th>
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<tr>
<td>(BA-PHYS) Physics - BA</td>
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Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

---

### Course Syllabus

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<th>Letters of support or other documentation</th>
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<tbody>
<tr>
<td>Additional information</td>
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**Reviewer Comments**

Sandra Williams (sandra-williams) (09/11/17 8:59 pm): Rollback: Syllabus title does not match course form; learning outcomes may need to be revised to include measurable outcomes (action verbs); old Aggie Honor Code website.

Sandra Williams (sandra-williams) (09/19/17 2:50 pm): Update received.


Reported to state?
Course Description: This course will cover basic elements of analog and digital circuit design. The emphasis will be on obtaining practical experience in designing, building, and troubleshooting practical circuits for applications to physics experiments.

Prerequisites: Physics 208, Math 308

Student Learning Outcomes:
- Students will be able to explain the fundamentals of electronic component functions and circuit design
- Students will be able to analyze in detail the sources of systematic and random noise in electronic circuits
- Students will be able to apply appropriate electronic instrumentation and test equipment to validate circuit functionality
- Students will be able to demonstrate good electronic circuit construction techniques

Logistics
Lecturer: Prof. D. DePoy (depoy@physics.tamu.edu)
Office: MIST M420
Office hours: TTh 10:00-11:30am; please email or call to request an appointment at any time.
Textbooks: “The Art of Electronics”, Second Edition by Horowitz & Hill; "Laboratory Manual for TAoE" by Horowitz & Robinson (or the "Student Manual for TAoE" by Hayes & Horowitz)
Lectures: first 30 minutes of each lab block
Labs: 2 3.5 hour clocks per week in MPHYS 330B
TAs: William Baker (williambaker@tamu.edu)
TA office hours: TBA
Class Website: http://people.physics.tamu.edu/depoy/phys225.html

Grading and Assessment
Grades will be calculated as follows:
- In-class/homework assignments (20%): There will be homework/in-class assignments during the semester that will focus on circuit function and design and analysis of noise performance. Anything turned in late receives no credit.
- Laboratory Exercises (65%): There will be laboratory exercises that will require circuit design, construction, and test using appropriate techniques and diagnostic equipment.
- Final Exam (15%): There will be a final exam that will cover circuit design and analysis, identification of good construction techniques, and understanding of test equipment.

Grading Scale:
A (>90%), B (80–89%), C (70–79%), D (60–69%), F (<60%)

See http://student-rules.tamu.edu/rule07 for information on University-excused absences.

Your Responsibilities
Texas A&M University assumes that all students enroll in its programs with a serious learning purpose and expects them to be responsible individuals who demand of themselves high standards of honesty and
personal conduct. All students are expected to behave at all times with respect and courtesy toward their fellow students and instructors and are to have the highest standards of honesty and integrity in their academic performance. Any behavior that disrupts the classroom learning environment or any attempt to present work that the student has not actually prepared as their own work, or to pass an examination by improper means, is regarded as a serious offense.

The minimum penalty for such an offense is a failing grade for this course. Aiding and abetting the above behavior is also considered a serious offense resulting in equally severe penalties. The Honor Code sets Texas A&M apart from other universities, and you should be proud of this standard. I expect that you will abide by the Aggie Academic Integrity Statement and Policy:

   An Aggie does not lie, cheat, or steal or tolerate those who do.

Further information regarding the Honor Council Rules and Procedures may be found on the web at http://aggiehonor.tamu.edu/.

Please adhere to student rule 7 regarding attendance; see http://student-rules.tamu.edu/rule07

ADA Policy
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information, visit http://disability.tamu.edu.

PHYS225 Circuits Weekly Topics

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
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<tbody>
<tr>
<td>1</td>
<td>Fundamentals and Circuit Schematics</td>
</tr>
<tr>
<td>2</td>
<td>Bipolar Transistors</td>
</tr>
<tr>
<td>3</td>
<td>Field-Effect Transistors</td>
</tr>
<tr>
<td>4</td>
<td>Operational Amplifiers</td>
</tr>
<tr>
<td>5</td>
<td>Precision Circuits</td>
</tr>
<tr>
<td>6</td>
<td>Filters</td>
</tr>
<tr>
<td>7</td>
<td>Oscillators and Timers</td>
</tr>
<tr>
<td>8</td>
<td>Low-Noise techniques</td>
</tr>
<tr>
<td>9</td>
<td>Spring Break</td>
</tr>
<tr>
<td>10</td>
<td>Voltage Regulators and Power Convertors</td>
</tr>
<tr>
<td>11</td>
<td>Digital Logic</td>
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<td>12</td>
<td>Logic Interfacing</td>
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<td>13</td>
<td>Digital Meets Analog</td>
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<td>14</td>
<td>Computers, Controllers, and Data Links</td>
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<td>15</td>
<td>Microcontrollers</td>
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PHYS 285: Directed Studies

Course Change Request

Date Submitted: 09/20/17 3:43 pm

Viewing: PHYS 285 : Directed Studies

Last approved: 01/12/17 3:50 pm
Last edit: 09/25/17 9:47 am

Changes proposed by: hwalker

Catalog Pages referencing this course
Department of Physics and Astronomy
PHYS - Physics (PHYS)

Faculty Senate Number

Contact(s)

<table>
<thead>
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<td><a href="mailto:hwalker@physics.tamu.edu">hwalker@physics.tamu.edu</a></td>
<td>9798621653</td>
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</table>

Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix: PHYS
Course number: 285
Department: Physics and Astronomy
College/School: Science
Academic Level: Undergraduate

Undergraduate course level justification (Select One)

Academic Level (alternate): Graduate

Effective term: 2018-2019

Complete Course Title: Directed Studies
Abbreviated Course Title: DIRECTED STUDIES

Catalog course description:
Special work in laboratory or theory to meet individual requirements in cases not covered by regular curriculum; intended for use as lower-level credit.

Prerequisites and Restrictions
Approval of instructor, department head.

Concurrent Enrollment: No

Should catalog prerequisites / concurrent enrollment be enforced?

Crosslistings: No

Stacked: No

Semester Credit Hour(s)

<table>
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<th>Semester</th>
<th>Contact Hour(s)</th>
<th>Lecture</th>
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Repeatable for credit? Yes

Number of times repeated for credit: 1-18

In Workflow

1. PHYS Department Head
2. Curricular Services Review
3. SC Committee Preparer UG
4. SC Committee Chair UG
5. SC College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Provost II
10. President
11. Curricular Services
12. Banner

Approval Path

1. 09/20/17 7:11 pm
   Lewis Ford (a­ford): Approved for PHYS Department Head
2. 09/25/17 9:47 am
   Sandra Williams (sandra­williams): Approved for Curricular Services Review
3. 09/25/17 2:56 pm
   Sara Thigpin (sarathigpin): Approved for SC Committee Preparer UG
4. 09/25/17 2:57 pm
   Lucas Macri (lmacri): Approved for SC Committee Chair UG
5. 09/25/17 2:57 pm
   Lucas Macri (lmacri): Approved for SC College Dean UG
6. 10/08/17 1:20 pm
   Sandra Williams (sandra­williams): Approved for UCC Preparer
7. 10/08/17 1:20 pm
   Sandra Williams (sandra­williams): Approved for UCC Chair

History

1. Jan 12, 2017 by sarah.gordon

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/13090/index.h...
When will this course be repeated?  
Within a student's career  
Within the same semester  

Three-peat?  
Yes

CIP/Fund Code  
4008010002

Default Grade Mode  
Letter Grade(G)

Alternate Grade Modes  
Satisfactory/Unsatisfactory

Method of instruction  
Independent Study

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)  
No

Will this course be taught as a distance education course?  
No

Is 100% of this course going to be taught in Texas?  
Yes

Will classroom space be needed for this course?  
No

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration?  
No

Has/will this course be (en) submitted for Writing or Communication consideration?  
No

Has/will this course be (en) submitted for ICD consideration?  
No

---

**Course Syllabus**

Syllabus:  
Upload syllabus

Upload syllabus

Letters of support or other documentation  
No

Additional information

Reviewer Comments  

Reported to state?  
No

---

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/13090/index.h...  10/30/2017
Course Change Request

Date Submitted: 09/20/17 3:46 pm

Viewing: PHYS 302 : Advanced Mechanics I

Last edit: 09/25/17 9:50 am
Changes proposed by: hwalker

Catalog Pages referencing this course
ASTR - Astronomy
Department of Physics and Astronomy
Department of Physics and Astronomy
PHYS - Physics
PHYS - Physics (PHYS)

Programs referencing
BA PHYS; Physics - BA
BS PHYS; Physics - BS

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heather Walker</td>
<td><a href="mailto:hwalker@tamu.edu">hwalker@tamu.edu</a></td>
<td>979-862-1653</td>
</tr>
</tbody>
</table>

Rationale for Course
Edit
The proposed changes are part of a routine curriculum review.

Course prefix PHYS
Course number 302
Department Physics and Astronomy
College/School Science
Academic Level Undergraduate

Undergraduate course level justification (Select One)

Prerequisites
All prerequisites will be enforced through COMPASS.

Academic Level Graduate
(alternate)

Effective term 2018-2019

Complete Course Title Advanced Mechanics I

Abbreviated Course Title ADVANCED MECHANICS I

Catalog course description
Classical mechanics of particles and rigid bodies; review bodies, both by direct application of Newtonian mechanics Newtonian equations and foundations of by Lagrangian methods, applications to gravity and Hamiltonian formalism, other central forces, coupled nonlinear, non-inertial reference frames, and the statics and dynamics of fluids with and without viscosity, introduction to statics of structures.

Prerequisites and Restrictions
MATH 221 or MATH 251 or MATH 253, PHYS 309 708, PHYS 318, PHYS 322, and PHYS 331. PHYS 332 or concurrent enrollment, or enrollment in PHYS 332; for students with other backgrounds, approval of instructor.

Concurrent Enrollment
No

Should catalog prerequisites / concurrent enrollment be enforced?
Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
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<th>And/Or</th>
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</table>

In Workflow
1. PHYS Department Head
2. Curricular Services Review
3. SC Committee Preparer UG
4. SC Committee Chair UG
5. SC College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

Approval Path
1. 09/20/17 7:11 pm Lewis Ford (ford): Approved for PHYS Department Head
2. 09/25/17 9:50 am Sandra Williams (sandra williams): Approved for Curricular Services Review
3. 09/25/17 2:58 pm Sara Thigpin (sarathigpin): Approved for SC Committee Preparer UG
4. 09/25/17 3:01 pm Lucas Macri (lmacri): Approved for SC Committee Chair UG
5. 09/25/17 3:02 pm Lucas Macri (lmacri): Approved for SC College Dean UG
6. 09/25/17 4:25 pm Sandra Williams (sandra williams): Approved for UCC Preparer
7. 10/08/17 1:21 pm Sandra Williams (sandra williams): Approved for UCC Chair
8. 10/08/17 11:21 pm Sandra Williams (sandra williams): Approved for UCC Chair
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/13094/index.html... 10/30/2017
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Repeatable for credit? No

Three-peat? No

CIP/Fund Code 4008010002

Default Grade Mode Letter Grade(G)

Alternate Grade Modes Satisfactory/Unsatisfactory

Method of instruction Lecture

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No

Will this course be taught as a distance education course? Yes

Is 100% of this course going to be taught in Texas? Yes

Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

---

**Course Syllabus**

Syllabus: Upload syllabus

Upload syllabus
Letters of support or other documentation: No

Additional information:

Reviewer Comments:

Sandra Williams (sandra-williams) (09/25/17 9:50 am): Edits made to the enforced prerequisite table to comply with the updated catalog prerequisites.


Reported to state: No

Key: 13094
Course Change Request

Date Submitted: 09/20/17 3:57 pm

Viewing: PHYS 303 : Advanced Mechanics II

Last edit: 09/25/17 9:54 am
Changes proposed by: hwalker

Catalog Pages referencing this course
Department of Physics and Astronomy
PHYS - PHYS (PHYS)

Programs referencing this course
BS-PHYS: Physics - BS

Faculty Senate Number

Contact(s)

<table>
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<td>9798621653</td>
</tr>
</tbody>
</table>

Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Course prefix	PHYS
Course number	 303

Department	Physics and Astronomy

College/School	Science

Academic Level	Undergraduate

Undergraduate course level justification (Select One)

Prerequisites

All prerequisites will be enforced through COMPASS.

Academic Level

Graduate (alternate)

Effective term	2018-2019

Complete Course Title
Advanced Mechanics II

Abbreviated Course Title
ADVANCED MECHANICS II

Catalog course description

Applications of Lagrangian and Hamiltonian methods to selected problems of classical mechanics. Classical mechanics of particles and rigid bodies with an emphasis on Lagrangian and Hamiltonian methods; applications to phase, scattering, coupled oscillators, and continua, including sound in fluids, mechanical implications of special relativity, introduction to drag and turbulence in fluids, introduction to electricity and calcs; Euler buckling instability.

Prerequisites and Restrictions

PHYS 302, 301, and PHYS 332.

Concurrent Enrollment	No

Should catalog prerequisites / concurrent enrollment be enforced?

Yes No

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
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Crosslistings

No Crosslisted With

Stacked

No Stacked with

Approval Path

1. 09/20/17 7:11 pm
   Lewis Ford (ford): Approved for PHYS Department Head

2. 09/25/17 9:54 am
   Sandra Williams (sandra williams): Approved for Curricular Services Review

3. 09/25/17 2:58 pm
   Sara Thigpin (sarathigpin): Approved for SC Committee Preparer UG

4. 09/25/17 3:01 pm
   Lucas Macri (lmacri): Approved for SC Committee Chair UG

5. 09/25/17 3:02 pm
   Lucas Macri (lmacri): Approved for SC College Dean UG

6. 09/25/17 4:25 pm
   Sandra Williams (sandra-williams): Approved for UCC Preparer

7. 10/08/17 1:21 pm
   Sandra Williams (sandra-williams): Approved for UCC Chair
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<tr>
<td>Alternate Grade Modes</td>
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<td>Method of instruction</td>
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<tr>
<td>Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)</td>
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<td>Will this course be taught as a distance education course?</td>
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<tr>
<td>Is 100% of this course going to be taught in Texas?</td>
<td>Yes</td>
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<tr>
<td>Will classroom space be needed for this course?</td>
<td>Yes</td>
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</table>

This will be a required course or an elective course for the following programs:

- Required (select program)
- Elective (select program)
- Has/will this course be (en) submitted for core curriculum consideration? No
- Has/will this course be (en) submitted for Writing or Communication consideration? No
- Has/will this course be (en) submitted for ICD consideration? No

**Course Syllabus**

- Syllabus: Upload syllabus
- Upload syllabus

**Reviewer Comments**

Sandra Williams (sandra-williams) (09/25/17 9:54 am): Added catalog prerequisites to enforced prerequisite table.


**Reported to state?**

No
**Course Change Request**

**Viewing:** PHYS 304: Advanced Electricity and Magnetism I

**Last edit:** 09/25/17 9:55 am

Changes proposed by: hwalker

### Catalog Pages referencing this course:
- ASTR - Astronomy
- Department of Physics and Astronomy
- Department of Physics and Astronomy
- PHYS - Physics
- PHYS - Physics (PHYS)

### Programs referencing:
- BA PHYS: Physics - BA
- BS PHYS: Physics - BS

### Faculty Senate Number:

Contact(s):
<table>
<thead>
<tr>
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<th>E-mail</th>
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<tbody>
<tr>
<td>Heather Walker</td>
<td><a href="mailto:hwalker@tamu.edu">hwalker@tamu.edu</a></td>
<td>9798621653</td>
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</table>

### Rationale for Course

**Edit**

The proposed changes are part of a routine curriculum review.

**Course prefix:** PHYS  
**Course number:** 304

**Department:** Physics and Astronomy

**College/School:** Science

**Academic Level:** Undergraduate

**Undergraduate course level justification (Select One):**

**Prerequisites**

All prerequisites will be enforced through COMPASS.

**Academic Level (alternate):**

**Effective term:** 2018-2019

**Complete Course Title:**

Advanced Electricity and Magnetism I

**Abbreviated Course Title:** ADV ELECT AND MAG I

**Catalog course description:**

Electrostatics; dielectrics; electrical current and circuits; magnetic fields and materials; induction; Maxwell's equations.

**Prerequisites and Restrictions:**

**PHYS 331:** 201-205  
**PHYS 332:** 201 concurrent enrollment, or approval of instructor. enrollment in PHYS 333, junior or senior classification.

**Concurrent Enrollment:**

**Yes**

**Should catalog prerequisites / concurrent enrollment be enforced?**

No

**Enforced Prerequisites / Concurrent Enrollment**

<table>
<thead>
<tr>
<th>And/Or</th>
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<th>Min Grade/Score</th>
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**Crosslistings:**

No

**Stacked:**

No

**Catalog course description:**

Electrostatics; dielectrics; electrical current and circuits; magnetic fields and materials; induction; Maxwell's equations.

**Prerequisites and Restrictions:**

**PHYS 331:** 201-205  
**PHYS 332:** 201 concurrent enrollment, or approval of instructor. enrollment in PHYS 333, junior or senior classification.

**Concurrent Enrollment:**

**Yes**

**Should catalog prerequisites / concurrent enrollment be enforced?**

No

**Enforced Prerequisites / Concurrent Enrollment**

<table>
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<tr>
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**Crosslistings:**

No

**Stacked:**

No

**Approval Path**

1. 09/20/17 7:11 pm
   Lewis Ford (lford):
   Approved for PHYS Department Head

2. 09/25/17 9:55 am
   Sandra Williams (sandra williams):
   Approved for Curricular Services Review

3. 09/25/17 2:58 pm
   Sara Thigpin (sarathigpin):
   Approved for SC Committee Preparer UG

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6. 09/25/17 4:25 pm
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   Approved for UCC Preparer

7. 10/08/17 1:21 pm
   Sandra Williams (sandra williams):
   Approved for UCC Chair
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<td>Other:</td>
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</table>

Repeatable for credit? No
Three-peat? No
CIP/Fund Code 4008010002
Default Grade Mode Letter Grade(G)
Alternate Grade Modes Satisfactory/Unsatisfactory
Method of instruction Lecture
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No
Will this course be taught as a distance education course? No
Is 100% of this course going to be taught in Texas? Yes
Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:
Required (select program)
Elective (select program)
Has/will this course be (en) submitted for core curriculum consideration? No
Has/will this course be (en) submitted for Writing or Communication consideration? No
Has/will this course be (en) submitted for ICD consideration? No

**Course Syllabus**

Syllabus: Upload syllabus
Upload syllabus

Letters of support or other documentation No

Additional information
Reviewer Comments Sandra Williams (sandra-williams) (09/25/17 9:55 am): Edits made to the enforced prerequisite table to comply with the updated catalog prerequisites.

Reported to state? No

Key: 13096
Course Change Request

Date Submitted: 09/20/17 4:08 pm

Viewing: PHYS 309: Modern Physics

Last edit: 09/25/17 9:56 am
Changes proposed by: hwalker

Catalog Pages referencing this course

- Department of Physics and Astronomy
  - PHYS - Physics (PHYS)

Programs referencing this course

- BA-CHEM: Chemistry - BA
- BA-CHEM-ECA: Chemistry - BA, Environmental Chemistry Track
- BA-PHYS: Physics - BA
- BS-PHYS: Physics - BS

Faculty Senate Number

Contact(s)

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</tr>
</tbody>
</table>

Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Course prefix: PHYS  
Course number: 309

Department: Physics and Astronomy

College/School: Science

Academic Level: Undergraduate

Undergraduate course level justification (Select One)

- Prerequisites

All prerequisites will be enforced through COMPASS.

Academic Level (alternate)

- Graduate

Effective term

- 2018-2019

Complete Course Title

Modern Physics

Abbreviated Course Title

MODERN PHYSICS

Catalog course description

Special relativity; concepts of waves and particles; introductory quantum mechanics.

Prerequisites and Restrictions

- PHYS 221

Concurrent Enrollment

- No

Should catalog prerequisites / concurrent enrollment be enforced?

- Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
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Crosslistings

- No

Stacked

- No

Semester Credit Hour(s)

- 3

Contact Hour(s)

- 3

Lecture:

- 3

Lab:

- 0

Other:

- 0

Total:

- 3

https://nextcatalog.tamu.edu/courseleaf/courseleaf.cgi?page=/courseadmin/13100/index.html...
<table>
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<tr>
<th><strong>Repeatable for credit?</strong></th>
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<td><strong>Will classroom space be needed for this course?</strong></td>
<td>Yes</td>
</tr>
</tbody>
</table>

This will be a required course or an elective course for the following programs:

- Required (select program)
- Elective (select program)

**Syllabus:**

- Upload syllabus

**Letters of support or other documentation**

- No

**Additional information**

**Reviewer Comments**

- Sandra Williams (sandra-williams) (09/25/17 9:56 am): Added catalog prerequisites to enforced prerequisite table.

**Reported to state?**

- No
Course Change Request

Viewing: PHYS 331 : Theoretical Methods for Physicists I

Last edit: 09/25/17 10:36 am
Changes proposed by: hwalker

Contact(s)

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<tr>
<th>Name</th>
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<th>Phone</th>
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<tr>
<td>Heather Walker</td>
<td><a href="mailto:hwalker@tamu.edu">hwalker@tamu.edu</a></td>
<td>9798621653</td>
</tr>
</tbody>
</table>

Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Course prefix    PHYS
Course number    331
Department       Physics and Astronomy
College/School   Science
Academic Level   Undergraduate
Undergraduate course level justification (Select One)

Prerequisites

All prerequisites will be enforced through COMPASS.

Academic Level (alternate)

Effective term   2018-2019

Complete Course Title

Theoretical Methods for Physicists I

Abbreviated Course Title

THEOR METH PHYSICISTS I

Catalog course description

Applications involving vectors; vector and additional methods for advanced electricity and magnetism; relationship and solutions of classical wave equation, heat equation, and Schrodinger equation; harmonic motion on finite or periodic lattice and in continuum; tensor and matrix notation in classical mechanics and electricity and magnetism.

Prerequisites and Restrictions

PHYS MATH 221 or approval of instructor. MATH 301 or MATH 313; MATH 308; PHYS 208 or PHYS 318; PHYS 218 and PHYS 219; restricted to physics majors.

Concurrent Enrollment No

Should catalog prerequisites / concurrent enrollment be enforced?

Enforced Prerequisites / Concurrent Enrollment

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<td>Repeatable for credit?</td>
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<td>Method of instruction</td>
<td>Lecture</td>
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<td>Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)</td>
<td>No</td>
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<tr>
<td>Will this course be taught as a distance education course?</td>
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<tr>
<td>Is 100% of this course going to be taught in Texas?</td>
<td>Yes</td>
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<tr>
<td>Will classroom space be needed for this course?</td>
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This will be a required course or an elective course for the following programs:
- Required (select program)
- Elective (select program)
- Has/will this course be (en) submitted for core curriculum consideration? No
- Has/will this course be (en) submitted for Writing or Communication consideration? No
- Has/will this course be (en) submitted for ICD consideration? No

---

**Course Syllabus**

- Syllabus: Upload syllabus
- Upload syllabus
- Letters of support or other documentation: No
- Additional information

---

And  |  | PHYS 208  | D  | UG  |  |
Or  |  | PHYS 211  | D  | UG  |  |
Or  |  | PHYS 219  | D  | UG  |  |
Or  |  | PHYS 221  | D  | UG  |  |
Reviewer Comments
Sandra Williams (sandra-williams) (09/25/17 10:36 am): Edits made to the enforced prerequisite table to comply with the updated catalog prerequisites.

Reported to state?
No
Course Change Request

Date Submitted: 09/20/17 4:11 pm

Viewing: PHYS 332 : Theoretical Methods for Physicists II

Last edit: 09/25/17 10:37 am

Changes proposed by: hwalker

Catalog Pages referencing this course
Department of Physics and Astronomy
PHYS - Physics (PHYS)

Programs referencing this course
BA PHYS - Physics - BA
BS PHYS - Physics - BS

As A Banner Prerequisite:

Faculty Senate Number

Contact(s)

<table>
<thead>
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</tr>
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</table>

Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Course prefix  PHYS  Course number  332
Department  Physics and Astronomy
College/School  Science
Academic Level  Undergraduate
Undergraduate course level justification (Select One)

Prerequisites

All prerequisites will be enforced through COMPASS.

Academic Level  Graduate (alternate)
Effective term  2018-2019
Complete Course Title  Theoretical Methods for Physicists II
Abbreviated Course Title  THEOR METH PHYSICISTS II

Catalog course description

Methods to solve the important equations of theoretical physics, emphasizing the effects of boundary conditions and quantization on their solutions and restricted to the essential physical symmetries associated with free space, spheres, cylinders, and rectangles; if time permits, introduction to symmetries in physics and to asymptotic methods.

Prerequisites and Restrictions

PHYS 222 or PHYS 309, PHYS 331; restricted to physics majors.

Concurrent Enrollment  No
Should catalog prerequisites / concurrent enrollment be enforced?  Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
<thead>
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<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
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Crosslistings  No  Crosslisted With

In Workflow

1. PHYS Department Head
2. Curricular Services Review
3. SC Committee Preparer UG
4. SC Committee Chair UG
5. SC College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

Approval Path

1. 09/20/17 7:11 pm Lewis Ford (a ford): Approved for PHYS Department Head
2. 09/25/17 10:37 am Sandra Williams (sandra williams): Approved for Curricular Services Review
3. 09/25/17 3:01 pm Lucas Macri (lmacri): Approved for SC Committee Chair UG
4. 09/25/17 3:02 pm Lucas Macri (lmacri): Approved for SC College Dean UG
5. 09/25/17 4:25 pm Sandra Williams (sandra williams): Approved for UCC Preparer
6. 10/08/17 1:21 pm Sandra Williams (sandra williams): Approved for UCC Chair

Catalog Pages referencing this course
Department of Physics and Astronomy
PHYS - Physics (PHYS)

Programs referencing this course
BA PHYS - Physics - BA
BS PHYS - Physics - BS

As A Banner Prerequisite:

Catalog course description

Methods to solve the important equations of theoretical physics, emphasizing the effects of boundary conditions and quantization on their solutions and restricted to the essential physical symmetries associated with free space, spheres, cylinders, and rectangles; if time permits, introduction to symmetries in physics and to asymptotic methods.

Prerequisites and Restrictions

PHYS 222 or PHYS 309, PHYS 331; restricted to physics majors.

Concurrent Enrollment  No
Should catalog prerequisites / concurrent enrollment be enforced?  Yes

Enforced Prerequisites / Concurrent Enrollment

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**Repeatable for credit?** No

**Three-peat?** No

**CIP/Fund Code** 4008100002

**Default Grade Mode** Letter Grade (G)

**Alternate Grade Modes** Satisfactory/Unsatisfactory

**Method of instruction** Lecture

**Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)**

No

**Will this course be taught as a distance education course?** No

**Is 100% of this course going to be taught in Texas?** Yes

**Will classroom space be needed for this course?** Yes

This will be a required course or an elective course for the following programs:

**Required (select program)**

**Elective (select program)**

**Has/will this course be (en) submitted for core curriculum consideration?** No

**Has/will this course be (en) submitted for Writing or Communication consideration?** No

**Has/will this course be (en) submitted for ICD consideration?** No

---

**Course Syllabus**

**Syllabus:** Upload syllabus

Upload syllabus

**Letters of support or other documentation**

No

**Additional information**

**Reviewer Comments**

Sandra Williams (sandra-williams) (09/25/17 10:37 am): Edits made to the enforced prerequisite table to comply with the updated catalog prerequisites.


**Reported to state?**

No
Course Change Request

Date Submitted: 09/20/17 4:12 pm

Viewing: PHYS 401: Computational Physics

Last edit: 09/25/17 10:38 am
Changes proposed by: hwalker

Catalog Pages referencing this course
- Department of Physics and Astronomy
  - PHYS - Physics (PHYS)

Programs referencing this course
- BA - PHYS: Physics - BA
- BS - PHYS: Physics - BS

Faculty Senate Number

Contact(s)

<table>
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<td>9798621653</td>
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</table>

Rationale for Course
Edit

The proposed changes are part of a routine curriculum review.

Course prefix: PHYS  Course number: 401

Department: Physics and Astronomy

College/School: Science

Academic Level: Undergraduate

Undergraduate course level justification (Select One)

- Prerequisites

All prerequisites will be enforced through COMPASS.

Academic Level (alternate): Graduate

Effective term: 2018-2019

Complete Course Title: Computational Physics

Abbreviated Course Title: COMPUTATIONAL PHYSICS

Catalog course description

Introduction to computational and simulational techniques widely used in physics applications and research, including trajectory integration, wave motion analysis, molecular dynamics, Monte Carlo methods, statistical mechanics of spin systems, phase transitions, quantum evolution, bound state problems, and variational methods; junior or senior classification.

Prerequisites and Restrictions

PHYS 302, PHYS 309, PHYS 331, PHYS 332; knowledge of a high level language, such as FORTRAN or C. This prerequisite can be obtained by taking CSCE 306 or the equivalent.

Concurrent Enrollment: No

Should catalog prerequisites / concurrent enrollment be enforced?

Yes

Enforced Prerequisites / Concurrent Enrollment

<table>
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<th>And/Or</th>
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<th>Academic Level</th>
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Approval Path

1. 09/20/17 7:11 pm
   Lewis Ford (a.ford): Approved for PHYS Department Head

2. 09/25/17 10:38 am
   Sandra Williams (sandra.williams): Approved for Curricular Services Review

3. 09/25/17 10:38 am
   Sandra Williams (sandra.williams): Approved for SC Committee Chair UG

4. 09/25/17 3:02 pm
   Lucas Macri (lmacr): Approved for SC College Dean UG

5. 09/25/17 3:02 pm
   Lucas Macri (lmacr): Approved for SC College Dean UG

6. 10/08/17 1:21 pm
   Sandra Williams (sandra.williams): Approved for UCC Chair
| Crosslistings | No | Crosslisted With | No |
| Stacked | No | Stacked with | |

| Semester | 3 |
| Credit Hour(s) | |
| Contact Hour(s) | |
| (per week): | Lecture: 2 | Lab: 2 | Other: 0 | Total: 4 |

| Repeatable for credit? | No |
| Three-peat? | No |
| CIP/Fund Code | 2703011002 |
| Default Grade Mode | Letter Grade(G) |
| Alternate Grade Modes | Satisfactory/Unsatisfactory |
| Method of instruction | Lecture and Laboratory |

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No

Will this course be taught as a distance education course? No

Is 100% of this course going to be taught in Texas? Yes

Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No

Has/will this course be (en) submitted for Writing or Communication consideration? No

Has/will this course be (en) submitted for ICD consideration? No

Course Syllabus

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation No

Additional information

Reviewer Comments

Sandra Williams (sandra-williams) (09/25/17 10:38 am): Edits made to the enforced prerequisite table to comply with the updated catalog prerequisites.


Reported to state? No
Course Change Request

Viewing: PHYS 408 : Thermodynamics and Statistical Mechanics

Last edit: 09/25/17 10:39 am
Changes proposed by: hwalker

Catalog Pages referencing this course:
- ASTR - Astronomy
- Department of Physics and Astronomy
- PHYS - Physics
- PHYS - Physics (PHYS)
- BS-PHYS: Physics - BS

Programs referencing:

Faculty Senate Number Contact(s)

Name | E-mail | Phone
--- | --- | ---
Heather Walker | hwalker@tamu.edu | 9798621653

Rationale for Course

Edit
The proposed changes are part of a routine curriculum review.

Course prefix PHYS Course number 408
Department Physics and Astronomy
College/School Science
Academic Level Undergraduate
Undergraduate course level justification (Select One)

Prerequisites
All prerequisites will be enforced through COMPASS.

Academic Level (alternate)
Graduate

Effective term 2018-2019

Complete Course Title
Thermodynamics and Statistical Mechanics

Abbreviated Course Title
THERMO & STAT MECHANICS

Catalog course description
Statistical method, macroscopic thermodynamics, kinetic theory, black body radiation, Maxwell-Boltzmann, Bose-Einstein, and Fermi-Dirac statistics.

Prerequisites and Restrictions

PHYS 412, PHYS 413, junior or senior classification.

Concurrent Enrollment
No

Should catalog prerequisites / concurrent enrollment be enforced?
Yes

Enforced Prerequisites / Concurrent Enrollment

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Crosslistings
No Crosslisted With

Stacked
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Repeatable for credit? No
Three-peat? No

CIP/Fund Code 4008010002
Default Grade Mode Letter Grade(G)
Alternate Grade Modes Satisfactory/Unsatisfactory

Method of instruction Lecture
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No

Will this course be taught as a distance education course? No
Is 100% of this course going to be taught in Texas? Yes
Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

Required (select program)
Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No
Has/will this course be (en) submitted for Writing or Communication consideration? No
Has/will this course be (en) submitted for ICD consideration? No

---

**Course Syllabus**

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<th>Syllabus:</th>
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<table>
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<th>Letters of support or other documentation</th>
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<th>Sandra Williams (sandra-williams) (09/25/17 10:40 am): Edits made to the enforced prerequisite table to comply with the updated catalog prerequisites. Sandra Williams (sandra-williams) (10/08/17 1:17 pm): UCC approved October 2017.</th>
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Key: UCC
Course Change Request

Date Submitted: 09/20/17 4:14 pm

Viewing: PHYS 485 : Directed Studies

Last approved: 01/12/17 10:01 pm
Last edit: 09/25/17 10:40 am

Changes proposed by: hwalker

Catalog Pages referencing this course:
Department of Physics and Astronomy
PHYS - Physics (PHYS)

Contact(s)

<table>
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Rationale for Course

The proposed changes are part of a routine curriculum review.

Course prefix: PHYS
Course number: 485
Department: Physics and Astronomy
College/School: Science
Academic Level: Undergraduate
Undergraduate course level justification (Select One):

Academic Level (alternate): Graduate


Complete Course Title: Directed Studies
Abbreviated Course Title: DIRECTED STUDIES

Catalog course description:
Credit 1 or more. Special work in laboratory or theory to meet individual requirements in cases not covered by regular curriculum.

Prerequisites and Restrictions:
Approval of instructor, department head.

Concurrent Enrollment: No
Should catalog prerequisites / concurrent enrollment be enforced? No
Crosslistings: No Crosslisted With
Stacked: No Stacked with

Semester: 1-12 Contact Hour(s): Lecture: 0 Lab: 0 Other: 1-12 Total: 1-12
Repeatable for credit? Yes
Number of times repeated for credit: OR Maximum number of hours: 18
When will this course be repeated?  
- Within a student's career
- Within the same semester

Three-peat?  
- Yes

CIP/Fund Code  
4008010002

Default Grade Mode  
Letter Grade (G)

Alternate Grade Modes  
Satisfactory/Unsatisfactory

Method of instruction  
Independent Study

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)

- No

Will this course be taught as a distance education course?  
- Yes

Is 100% of this course going to be taught in Texas?  
- Yes

Will classroom space be needed for this course?  
- No

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration?  
- No

Has/will this course be (en) submitted for Writing or Communication consideration?  
- No

Has/will this course be (en) submitted for ICD consideration?  
- No

**Course Syllabus**

Syllabus:  
Upload syllabus

Upload syllabus

Letters of support or other documentation  
- No

Additional information

Reviewer Comments  

Reported to state?  
- No
Course Change Request

Viewing: RPTS 230: Computer Applications in Recreation, Parks and Tourism

Formerly Known As: RNR 201
Last approved: 06/23/17 3:27 am
Last edit: 08/29/17 7:08 pm

Changes proposed by: susan-g-scott

Catalog Pages referencing this course
- Department of Recreation, Park and Tourism Sciences: RPTS - Rec, Park & Tourism Sc (RPTS)
- BS-RPTS. Recreation, Park and Tourism Sciences - BS with Certificate

Programs referencing this course
- BS-RPTS. Recreation, Park and Tourism Sciences - BS with Certificate

Contact(s)

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<tr>
<td>Susan G. Scott</td>
<td><a href="mailto:sgscott@tamu.edu">sgscott@tamu.edu</a></td>
<td>979-845-5350</td>
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Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Course prefix: RPTS, Course number: 230
Department: Recreation, Park & Tourism Sci
College/School: Agriculture & Life Sciences
Academic Level: Undergraduate
Undergraduate course level justification: (Select One)

Academic Level (alternate): Graduate
Effective term: 2018-2019, 2017-2018

Complete Course Title: Computer Applications in Recreation, Parks and Tourism
Abbreviated Course Title: COMPUTER APPS IN REC PARK TOUR

Catalog course description:
Fundamentals of computer use and the application of software used in careers related to park and tourism enterprises; computer use in decision making and problem solving.

Prerequisites and Restrictions:
MATH 102

Concurrent Enrollment: No
Should catalog prerequisites / concurrent enrollment be enforced?: No
Crosslistings: No, Crosslisted With: No
Stacked: No, Stacked with: No

Semester Credit Hour(s) Contact Hour(s) Lecture: 2 Lab: 2 Other: 0 Total: 4
Repeatable for credit?: No

In Workflow
1. RPTS Department Head
2. Curricular Services Review
3. AG Committee Preparer UG
4. AG Committee Chair UG
5. AG College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

Approval Path
1. 08/28/17 3:50 pm Scott Shafer (sshafer): Approved for RPTS Department Head
2. 08/29/17 7:09 pm Sandra Williams (sandra-williams): Approved for Curricular Services Review
3. 08/30/17 7:59 am Dawn Kerstetter (dkerstetter): Approved for AG Committee Preparer UG
4. 09/04/17 11:45 am Kim Dooley (kdooley): Approved for AG College Dean UG
5. 09/04/17 3:20 pm Sandra Williams (sandra-williams): Approved for UCC Preparer
6. 10/08/17 1:28 pm Sandra Williams (sandra-williams): Approved for UCC Chair

History
1. Jun 23, 2017 by sarah.gordon
Three-peat? No
CIP/Fund Code 1102020006
Default Grade Mode Letter Grade (G)
Alternate Grade Modes Satisfactory/Unsatisfactory
Method of instruction Lecture and Laboratory
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No
Will this course be taught as a distance education course? No
Is 100% of this course going to be taught in Texas? Yes
Will classroom space be needed for this course? Yes
This will be a required course or an elective course for the following programs:

<table>
<thead>
<tr>
<th>Required (select program)</th>
<th>Program(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(BS-RPTS) Recreation, Park and Tourism Sciences - BS with Certificate</td>
<td></td>
</tr>
</tbody>
</table>

Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No
Has/will this course be (en) submitted for Writing or Communication consideration? No
Has/will this course be (en) submitted for ICD consideration? No

Course Syllabus

Syllabus: Upload syllabus
Upload syllabus

Letters of support or other documentation: No

Additional information
Reviewer Comments

Jim Herman [jherman] (10/04/17 1:26 pm): Is this a change in course R, too? If so, this course needs to have a justification of course level as outlined by the College.
Susan Scott [susan-g-scott] (10/05/17 12:21 pm): This course went through the system before justification of course level items were added. It will be no problem to add this information. This course replaces RENR 201.

Reported to state? No
Course Change Request

Date Submitted: 09/12/17 2:38 pm

Viewing: SCEN 201: Experiences In Secondary Math and Science Classrooms Self-Directed Experiences with Adolescents

Last edit: 09/19/17 2:58 pm

Changes proposed by: jwhitfld

Catalog Pages referencing this course

SCEN: College of Science (SCEN)

Programs referencing this course

BA-CHEM-CET: Chemistry - BA, Chemical Education Track

Faculty Senate Number

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jennifer Whitfield</td>
<td><a href="mailto:jwhitfld@tamu.edu">jwhitfld@tamu.edu</a></td>
<td>9798453623</td>
</tr>
</tbody>
</table>

Rationale for Course

Edit

The proposed changes are part of a routine curriculum review.

Catalog course description

Field based with emphasis on culture of secondary schools through experiences in science, technology, engineering or math classrooms; focuses on characteristics, behaviors and traits of effectively teaching adolescents in diverse middle and high school settings; educational standards, high-stakes testing and research based teaching strategies. Study of adolescents in diverse school and community settings; issues in physical, mental, social and emotional development; issues related to racism, sexism, and cultural diversity; development, presentation, and defense of portfolio required. Attendance at all seminars and scheduled observations required.

Prerequisites and Restrictions

Major in science, mathematics, biology, chemistry or mathematics related field, or approval of instructor.

Concurrent Enrollment

No

Should catalog prerequisites / concurrent enrollment be enforced?

No

Crosslistings

No

Stacked

No

Semester

1

Contact Hour(s)

1

Lecture:

1

Lab:

2

Other:

0

Total

2

Repeatable for credit?

No

In Workflow

1. CLSC Department Head UG
2. Curricular Services Review
3. SC Committee Preparer UG
4. SC Committee Chair UG
5. SC College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services
13. Banner

Approval Path

1. 09/12/17 6:02 pm Lucas Macri (lmacri): Approved for CLSC Department Head UG
2. 09/19/17 2:59 pm Sandra Williams (sandra-williams): Approved for Curricular Services Review
3. 09/19/17 8:49 pm Lucas Macri (lmacri): Approved for SC Committee Preparer UG
4. 09/19/17 8:50 pm Lucas Macri (lmacri): Approved for SC Committee Chair UG
5. 09/20/17 10:01 am Sandra Williams (sandra-williams): Approved for UCC Preparer
6. 09/19/17 8:50 pm Lucas Macri (lmacri): Approved for SC College Dean UG
7. 10/08/17 1:22 pm Sandra Williams (sandra-williams): Approved for UCC Chair
Three-peat? No
CIP/Fund Code 1307010004
Default Grade Mode Letter Grade(G)
Alternate Grade Modes Satisfactory/Unsatisfactory
Method of instruction Lecture and Laboratory
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No
Will this course be taught as a distance education course? No
Is 100% of this course going to be taught in Texas? Yes
Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:
- Required (select program)
- Elective (select program)

Has/will this course be (en) submitted for core curriculum consideration? No
Has/will this course be (en) submitted for Writing or Communication consideration? No
Has/will this course be (en) submitted for ICD consideration? No

**Course Syllabus**

Syllabus: Upload syllabus

Upload syllabus [SCEN 201-Syllabus_WithReading_FALL2018.pdf](SCEN 201-Syllabus_WithReading_FALL2018.pdf)

Letters of support or other documentation No

Additional information

Reviewer Comments

Sandra Williams (sandra-williams) (09/04/17 5:15 pm): Rollback: Lecture and lab contact hours do not equal the correct semester credit hours.
Sandra Williams (sandra-williams) (09/11/17 9:04 pm): Rollback: Syllabus has old ADA statement (Cain Hall).
Sandra Williams (sandra-williams) (09/19/17 2:58 pm): Update received.

Reported to state? Change

Key: 14325
SCEN 201 SYLLABUS – FALL 2018

Instructors:
Jennifer Whitfield
Laura Wilding
979.845.3623
979.458.4451
jwhitfld@tamu.edu
ljwilding@tamu.edu
Blocker 227D
Blocker 514B

Course Title and Description: Self-Directed Experiences with Adolescents. (1-1). Credit 1. Field based course with emphasis on culture of secondary schools through experiences in science, technology, engineering, or math classrooms. Focuses on characteristics, behaviors, and traits of effectively teaching adolescents in diverse middle and high school settings; educational standards, high-stakes testing; and research based teaching strategies. Prerequisite: Major in science or mathematics related field or approval of instructor.

*This course also serves as the screening instrument deemed necessary by TAC Rule §227.10.7. This course will help determine if the student’s knowledge, experience, skills, and aptitude are appropriate for secondary mathematics or science certification.


Grading Policy: Your grade will be determined by attendance, classroom observations in local schools, in-class assignments, out-of-class assignments, reflection journals, and mentor teacher evaluations. The category weights are as follows:

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
<th>Grade Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class Attendance/Professionalism</td>
<td>10%</td>
<td>90% ≤ A ≤ 100%</td>
</tr>
<tr>
<td>Assignments</td>
<td>25%</td>
<td>80% ≤ B ≤ 90%</td>
</tr>
<tr>
<td>Classroom Observations</td>
<td>30%</td>
<td>70% ≤ C ≤ 80%</td>
</tr>
<tr>
<td>Mentor Teachers’ Evaluation</td>
<td>15%</td>
<td>60% ≤ D ≤ 70%</td>
</tr>
<tr>
<td>Reflection Journal</td>
<td>20%</td>
<td>F ≤ 60%</td>
</tr>
</tbody>
</table>

• **Class Attendance/Professionalism:** Students are expected to be present at every class meeting, attend one required aggieTEACH seminar, and behave in a professional manner while in class and while observing in schools.

• **Assignments:** Various assignments will be given weekly. The expectation is that in-class assignments are completed and turned in at the end of the class meeting; out-of-class assignment due dates will be announced.

• **Classroom Observations:** You are required to observe once a week, for 8 weeks, in an assigned teacher’s classroom. During each observation, you must complete a classroom observation form. These forms are to be turned in each week at the beginning of class.

• **Mentor Teacher Evaluation:** Each mentor teacher you are assigned will complete an evaluation regarding your professionalism during the observations. For more details, see the mentor teacher evaluation form.

• **Reflection Journal:** Throughout the semester you will be given prompts to which you will write a personal reflection or statement.

Learning Outcomes: Upon completion of this course, the student will be able to:

• Discuss the local school districts policies on professional dress.

• Identify and justify appropriate and inappropriate situations of professional dress.

• Discuss the local school districts policies on professional conduct.

• Identify and justify appropriate and inappropriate situations of professional conduct.

• List at least 10 attributes of effective teachers.

• Compare and contrast qualities of effective and ineffective teachers.

• List various types of researched based, effective instructional strategies for the math and science classroom.

SCEN 201 Syllabus Fall 2018 – page 1

Updated 8/14/2017
- Critique the effectiveness of various instructional strategies for given scenarios.
- Compare and contrast classroom management techniques.
- Locate state and national standards.
- Compare and contrast various state and national standards.
- Identify the different types of populations found in today's public school classrooms.
- Identify effective instructional strategies for teaching special populations.
- Discuss the impact of classroom observation experiences.
- Develop and describe rationale for wanting to teach secondary mathematics or science.
- Identify and justify effective strategies for motivating low achieving students.
- Identify and justify effective strategies for motivating students with various behavioral disorders.
- State the graduation requirements (regarding high-stakes testing) for Texas high school students.
- Describe and discuss the EOC and STAAR testing requirements for Texas high school students.

**Tentative Class Schedule**

<table>
<thead>
<tr>
<th>Week #</th>
<th>Date:</th>
<th>Topic Covered in Class</th>
<th>Outside Readings</th>
<th>Observation Sheet</th>
<th>Observation in Schools</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Aug 28-Sept 1</td>
<td>Survey, Security Forms</td>
<td></td>
<td></td>
<td>None</td>
</tr>
<tr>
<td>2</td>
<td>Sept 4-8</td>
<td>Professionalism</td>
<td>Article: Teachers as Role Models</td>
<td></td>
<td>None</td>
</tr>
<tr>
<td>3</td>
<td>Sept 11-15</td>
<td>Placements and Observation Handbook</td>
<td>Chapter 1 – QET</td>
<td></td>
<td>None</td>
</tr>
<tr>
<td>4</td>
<td>Sept 18-22</td>
<td>Prerequisites of Effective Teachers</td>
<td>Chapter 2 - QET</td>
<td>Professionalism</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>Sept 25-29</td>
<td>The Teacher as a Person</td>
<td>Chapter 3 - QET</td>
<td>Prerequisites of Effective Teachers</td>
<td>2</td>
</tr>
<tr>
<td>6</td>
<td>Oct 2-6</td>
<td>Classroom Management Day 1</td>
<td>Chapter 9: Staying on Top of Classroom Management from A Handbook for Beginning Teachers</td>
<td>Teacher as a Person</td>
<td>3</td>
</tr>
<tr>
<td>7</td>
<td>Oct 9-13</td>
<td>Classroom Management Day 2</td>
<td>Continue reading Chapter 9: Staying on Top of Classroom Management from A Handbook for Beginning Teachers</td>
<td>Classroom Management Day 1</td>
<td>4 – Student Holiday on Monday, October 9 in BISD and CSISD</td>
</tr>
<tr>
<td>8</td>
<td>Oct 16-20</td>
<td>Discuss next steps in aggieTEACH</td>
<td>Chapter 6 - QET</td>
<td>Make-up Missed Observations</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Oct 23-27</td>
<td>Categories of Student Populations</td>
<td>Chapter 6 “Diversity and Authentic Assessment” - Your First Year of Teaching and Beyond</td>
<td>Classroom Management Day 2</td>
<td>5</td>
</tr>
<tr>
<td>10</td>
<td>Oct 30-Nov 3</td>
<td>Diversity and Authentic Assessment</td>
<td>TBA – research websites</td>
<td>Categories of Student Populations</td>
<td>6</td>
</tr>
<tr>
<td>11</td>
<td>Nov 6-10</td>
<td>TEKS, TCCRS, EOC, STAAR, Grad Requirements: Day 1</td>
<td>TBA – research websites</td>
<td>Diversity &amp; Authentic Assessment</td>
<td>7</td>
</tr>
<tr>
<td>12</td>
<td>Nov 13-17</td>
<td>TEKS, TCCRS, EOC, STAAR, Grad Requirements: Day 2</td>
<td>Chapter 7 - QET</td>
<td>TEKS</td>
<td>8</td>
</tr>
<tr>
<td>13</td>
<td>Nov 20-24</td>
<td>Thanksgiving Holidays – No Class</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Nov 27-Dec 1</td>
<td>Exit Survey, Reflections, Thank you notes</td>
<td></td>
<td>Make-up Missed Observations</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Dec 4-8</td>
<td>No Class</td>
<td>(Redefined Days all week and Last Day of Classes)</td>
<td></td>
<td>None</td>
</tr>
</tbody>
</table>
School District Holidays:

<table>
<thead>
<tr>
<th>College Station ISD Holidays</th>
<th>Bryan ISD Holidays</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Oct 9 (Mon)</strong></td>
<td>Staff Development / Student Holiday</td>
</tr>
<tr>
<td><strong>Nov 22 - 24</strong></td>
<td><strong>Thanksgiving Holidays</strong></td>
</tr>
</tbody>
</table>

**Be aware of changes in schedule:** pep rallies or assemblies can affect your observation period. Check with your observation teacher for special events.

Attendance Policy: The University views class attendance as the responsibility of an individual student. Attendance is essential to complete the course successfully. University rules related to excused and unexcused absences are located on-line at [http://student-rules.tamu.edu/rule07](http://student-rules.tamu.edu/rule07).

Late Work Policy: No late work is accepted for unexcused absences per Section 7.4 of the University Student Rules Policy.

Make-up Policy: Students may be excused from attending class on the day of a graded activity or when attendance contributes to a student's grade, for the reasons stated in Section 7.1 ([http://student-rules.tamu.edu/rule7.htm](http://student-rules.tamu.edu/rule7.htm)), or other reason deemed appropriate by the student's instructor. To be excused the student must notify his or her instructor in writing (acknowledged e-mail message is acceptable) prior to the date of absence if such notification is feasible. In cases where advance notification is not feasible (e.g. accident, or emergency) the student must provide notification by the end of the second working day after the absence. This notification should include an explanation of why notice could not be sent prior to the class.

- **Make-Up Assignments:** Make-up work for excused absences can be made up by a date agreed upon by the student and instructor according to Section 7.3 of the University Student Rules. Students should follow this protocol for make-up assignments:
  1. Check ecampus in the Weekly Assignments tab.
  2. Retrieve missed assignments posted in ecampus on the appropriate date.
  3. If necessary, email Laura Wilding for clarification on directions for assignments.
  4. Bring the completed assignments to the next class meeting.

- **Missed Observations:** Missed observations should be rescheduled as soon as possible, because the observation forms correlate with the weekly class topics. If there is a school holiday, school-wide testing or an early release day on your regularly scheduled observation day, then make arrangements with your mentor teacher (and carpool, if necessary) to reschedule the observation on a different day of the week (or on the same day of the week during Make-up Weeks).

  IF there is an emergency and you MUST miss your scheduled observation, then follow this protocol:
  1. Contact your carpool partner(s) immediately!
  2. Contact your mentor teacher via email. This will help to ensure that he/she is aware you will not be coming. Ask your mentor teacher when an appropriate “make-up” time can be arranged.
  3. Contact your course instructors. Send an email to Laura Wilding stating the reason for your absence and that you have completed Steps 1 and 2 above. If you need assistance finding transportation to your missed observation, then include this request in your email to Laura.
  4. Settle on a time for the make-up observation. Include plans for transportation (driving yourself, joining a carpool, riding with a non-SCEN student – such as a roommate or other friend).

Written work: Your best effort is expected on all formal written assignments. All papers must be double-spaced, with 12 point font, and have one-inch margins on all sides. Use the services of the University Writing Center (UWC), located in Evans Library, if you have questions about grammar or writing style. More information about UWC may be found by clicking on the following link: [http://writingcenter.tamu.edu/](http://writingcenter.tamu.edu/) Please note: Reflection exercises are informal and are open to more informal styles of writing.

Classroom climate: I value a classroom that allows intellectual discourse and the opportunity to express one’s opinions without fear of retaliation or ridicule. There may be moments where we will need to discuss sensitive topics. In doing so, I ask that you respect the comments of your classmates and remember that everyone does not share a similar sense of humor. Temper your comments and
actions with sincerity and genuine concern for your fellow classmates. Further, if you have any personal concerns that you would like to discuss, please feel free to speak with me before or after class.

**E-Mail:** We will contact you through your TAMU e-mail account. Please have your TAMU account set up by the end of the first week of classes and check the account regularly.

**Americans with Disabilities Act (ADA) Policy Statement:** The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information, visit [http://disability.tamu.edu](http://disability.tamu.edu).

**Academic Integrity Statement:** AGGIE HONOR CODE “An Aggie does not lie, cheat, or steal or tolerate those who do”. Upon accepting admission to Texas A&M University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning, and to follow the philosophy and rules of the Honor System. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of the rules does not exclude any member of the TAMU community from the requirements or the processes of the Honor System. For additional information please visit: [http://aggiehonor.tamu.edu/](http://aggiehonor.tamu.edu/).

**Scholastic Dishonesty:** Copying work done by others, either in class or out of class, looking on other students papers during exams or quizzes, having possession of unapproved information in your calculator, and/or having someone else do your work for you are all acts of scholastic dishonesty. These acts, and other acts that can be classified as scholastic dishonesty, will be prosecuted to the full extent allowed by University policy. Punishment can range from a zero on the assignment/quiz/exam to expulsion from the university. In any case of scholastic dishonesty, the student forfeits their right to Q-drop the class. In this class, collaboration on assignments, either in class or out of class, is forbidden unless permission to do so is granted by the instructor.

**Copyright Policy:** All printed materials disseminated in class or on the web are protected by Copyright laws. One copy (or download from the web) is allowed for personal use. Multiple copies or sale of any of these materials is strictly prohibited.
Course Change Request

Date Submitted: 08/04/17 2:51 pm

Viewing: WFSC 448 : Fish Ecophysiology

Last edit: 08/13/17 12:11 pm

Changes proposed by: lhutchins

Catalog Pages referencing this course
- Department of Wildlife and Fisheries Sciences
  - WS-FSC-WFSC-Wildlife & Fisheries Sci (WFSC)

Programs referencing this course
- BS: WS-FSC-FAS, Wildlife and Fisheries Sciences, BS, Fisheries, Aquaculture, and Aquatic Sciences Option
- MINOR: WS-FSC-Wildlife and Fisheries Sciences - Minor

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lindsay Hutchins</td>
<td><a href="mailto:lhutchins@tamu.edu">lhutchins@tamu.edu</a></td>
<td>979-845-5704</td>
</tr>
</tbody>
</table>

Rationale for Course

**Edit**

The proposed changes are to meet the demand/interest of students.

Course prefix WFSC  Course number 448

Department Wildlife & Fisheries Sciences
College/School Agriculture & Life Sciences
Academic Level Undergraduate
Undergraduate course level justification (Select One)

Academic Level (alternate)
Effective term 2018-2019

Complete Course Title
Fish Ecophysiology

Abbreviated Course Title FISH ECOPHYSIOLOGY

Catalog course description
Ecological domains and demands placed on physiological performance; physiological mechanisms and control in fishes, interaction of physiological mechanisms with environment, emphasis in adaptive value of physiological traits; analysis of physiology and adaptation with models; process and functional modeling.

Prerequisites and Restrictions

**Junior** WFSC 311 or concurrent enrollment, junior or senior classification or approval of instructor.

Concurrent Enrollment No
Should catalog prerequisites / concurrent enrollment be enforced? No

Crosslistings No Crosslisted With

Stacked No Stacked with

Semester 3 Credit Hour(s)
Contact Hour(s) 3 Lecture: 3 Lab: 0 Other: 0 Total 3

Repeatable for credit? No

Three-peat? No

CIP/Fund Code 0303010005

Approval Path

1. 08/07/17 9:22 am
   Michael Masser (m-masser): Approved for WFSC Department Head

2. 08/13/17 12:11 pm
   Sandra Williams (sandra-williams): Approved for Curricular Services Review

3. 08/14/17 8:07 am
   Dawn Kerstetter (dkerstetter): Approved for AG Committee Preparer UG

4. 09/01/17 11:52 am
   Bob Knight (bob-knight): Approved for AG Committee Chair UG

5. 09/04/17 3:21 pm
   Sandra Williams (sandra-williams): Approved for UCC Preparer

6. 10/08/17 1:22 pm
   Sandra Williams (sandra-williams): Approved for UCC Chair
Default Grade Mode: Letter Grade (G)
Alternate Grade Modes: Satisfactory/Unsatisfactory
Method of instruction: Lecture
Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education)
- No

Will this course be taught as a distance education course?
- Yes

Is 100% of this course going to be taught in Texas?
- Yes

Will classroom space be needed for this course?
- Yes

This will be a required course or an elective course for the following programs:

<table>
<thead>
<tr>
<th>Required (select program)</th>
<th>Program(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(BS-WFSC-FAS) Wildlife and Fisheries Sciences - BS, Fisheries, Aquaculture, and Aquatic Sciences Emphasis</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Elective (select program)</th>
<th>Program(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(BS-WFSC-WEC+) Wildlife and Fisheries Sciences - BS, Wildlife Ecology and Conservation Option</td>
<td></td>
</tr>
</tbody>
</table>

Has/will this course be (en) submitted for core curriculum consideration?
- No

Has/will this course be (en) submitted for Writing or Communication consideration?
- No

Has/will this course be (en) submitted for ICD consideration?
- No

Course Syllabus

Syllabus: Upload syllabus
Upload syllabus

Letters of support or other documentation: No

Additional information


Reported to state?
- No