Curriculum Subcommittee Agenda, October 4, 2012

Utah State University

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A meeting of the Curriculum Subcommittee of the Educational Policies Committee will be held on 4 October 2012 at 2 p.m. in Old Main 136 (Champ Hall Conference Room).

Approval of the minutes of the 6 September 2012 meeting (see below)

**College of Agriculture**

School of Applied Sciences, Technology and Education

University Studies Request

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AV 3720</td>
<td>CFI and CFII Ground School</td>
<td>3 cr.</td>
</tr>
<tr>
<td></td>
<td>University Studies Designation: CI</td>
<td></td>
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<tr>
<td></td>
<td>Effective Spring 2013</td>
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</tbody>
</table>

**School of Veterinary Medicine**

New Course

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>VM 7350</td>
<td>Skeletal Preparation</td>
<td>1 cr.</td>
</tr>
<tr>
<td></td>
<td>Pass/Fail only</td>
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<td></td>
<td>Repeatable for credit</td>
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<tr>
<td></td>
<td>Prerequisite: Must be accepted into the veterinary medicine program and VM 7511</td>
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<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>VM 7501</td>
<td>International Veterinary Medicine</td>
<td>1 cr.</td>
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<td>Pass/Fail only</td>
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<tr>
<td></td>
<td>Prerequisite: Must be accepted into the veterinary medicine program</td>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>VM 7502</td>
<td>Clinical Communication Skills</td>
<td>1 cr.</td>
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<td>Pass/Fail only</td>
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<td>Prerequisite: Must be accepted into the veterinary medicine program</td>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>VM 7504</td>
<td>Global Field Studies</td>
<td>1-6 cr.</td>
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<td>Prerequisite: Must be accepted into the veterinary medicine program and VM 7501</td>
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<td>Course Code</td>
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<td>Credit Hours</td>
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<tr>
<td>VM 7508</td>
<td>Research Orientation</td>
<td>1 cr.</td>
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<td>Prerequisite: Must be accepted into the veterinary medicine program</td>
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<td>VM 7509</td>
<td>Research Issues, Ethics and Literacy</td>
<td>1 cr.</td>
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<td>VM 7522</td>
<td>Fundamentals of Pharmacology</td>
<td>2 cr.</td>
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<td>VM 7523</td>
<td>Veterinary Toxicology</td>
<td>3 cr.</td>
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<td>Pass/Fail only</td>
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<td>Prerequisite: Must be accepted into the veterinary medicine program and VM 7522</td>
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<td>VM 7535</td>
<td>Veterinary Virology</td>
<td>3 cr.</td>
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<tr>
<td>VM 7536</td>
<td>Veterinary Bacteriology</td>
<td>4 cr.</td>
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<td>Pass/Fail only</td>
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<td>Prerequisite: Must be accepted into the veterinary medicine program</td>
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<tr>
<td>VM 7537</td>
<td>Veterinary Parasitology</td>
<td>4 cr.</td>
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<td>Prerequisite: Must be accepted into the veterinary medicine program</td>
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<td>Effective Spring 2013</td>
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<tr>
<td>VM 7543</td>
<td>Veterinary Medicine and Human Health</td>
<td>2 cr.</td>
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<td>Pass/Fail only</td>
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</tbody>
</table>
VM 7546  Systemic Pathology  6 cr.
Pass/Fail only
Prerequisite: Must be accepted into the veterinary medicine program and VM 7545
Effective Spring 2013

VM 7585  Epidemiology  2 cr.
Pass/Fail only
Prerequisite: Must be accepted into the veterinary medicine program
Effective Spring 2013

VM 7587  Clinical Anesthesiology  2 cr.
Pass/Fail only
Prerequisite: Must be accepted into the veterinary medicine program
Effective Spring 2013

VM 7588  Radiology  3 cr.
Pass/Fail only
Prerequisite: Must be accepted into the veterinary medicine program
Effective Spring 2013

VM 7589  Clinical Pathology  3 cr.
Pass/Fail only
Prerequisite: Must be accepted into the veterinary medicine program
Effective Spring 2013

VM 7596  Veterinary Practicum  1-4 cr.
Pass/Fail only
Repeatable for credit
Prerequisite: Must be accepted into the veterinary medicine program
Effective Spring 2013

VM 7597  Special Topics in Veterinary Medicine  1-4 cr.
Pass/Fail only
Repeatable for credit
Prerequisite: Must be accepted into the veterinary medicine program
Effective Spring 2013

Credit Hour Change, Prerequisite Change
VM 7512  Veterinary Anatomy II  4 cr.
Previously 3 cr.
Pass/Fail only
Prerequisite: Must be accepted into the veterinary medicine program
Effective Spring 2013
Delete Course
VM 7499 Veterinary Practicum 1 cr.
Pass/Fail only
Repeatable for credit
Effective Fall 2012

Department of Agricultural Systems Technology and Education
Reactivate Course, Title Change, Course Description Change
ASTE 3090 Graphic Communications in Agriculture 3 cr.
Previously Computer Applications in Agriculture
Effective Summer 2013

Caine College of the Arts
Department of Art and Design
New Course
ART 2920 Sophomore Independent Projects 1-3 cr.
Repeatable for credit
Prerequisites: ART 1020 or 1110; ART 1120 or 1150;
and ART 1130 or 1160
Effective Fall 2012

ARTH 2640 Survey of Asian Art: Ancient to Modern 3 cr.
Effective Spring 2013

University Studies Request
ARTH 3760 American Art 3 cr.
University Studies Designation: CI
Effective Spring 2013

Department of Music
Prerequisite Change
MUSC 1310 Introduction to Music Therapy 2 cr.
Prerequisite: Enrollment limited to pre-music and music majors
Effective Spring 2013

MUSC 2350 Conducting 2 cr.
Prerequisite: Enrollment limited to pre-music and music majors
Effective Spring 2013

MUSC 3120 Music History II: Classical and Romantic Periods 3 cr.
Prerequisite: MUSC 3110
Effective Spring 2013
MUSC 4900  Baroque Counterpoint  2 cr.
Prerequisites: MUSC 1110, 1120 and 2110
Effective Spring 2013

MUSC 4910  Music Composition  2 cr.
Repeatable for credit
Prerequisites: MUSC 1110, 1120 and 2110
Effective Spring 2013

Course Number Change, Prerequisite Change
MUSC 1190  World Music  2 cr.
Previously MUSC 3160
No prerequisites needed
Effective Summer 2013

Title Change
MUSC 3320  Psychology of Music  2 cr.
Previously Psychology of Music I
Effective Spring 2013

MUSC 4320  Research in Music Therapy  2 cr.
Previously Psychology of Music II
University Studies Designation: CI
Effective Spring 2013

Title Change, Course Description Change
MUSC 6610  Practicum in Music Performance  1-4 cr.
Previously Practicum in Choral Performance
Repeatable for credit
Effective Summer 2013

MUSC 6620  Seminar in Music Literature  2 cr.
Previously Seminar in Choral Literature
Effective Fall 2013

Department of Theatre Arts
New Course
THEA 4010  Acting IX –Modern Masters: Chekhov/Ibsen/Shaw  3 cr.
Prerequisite: Enrollment limited to BFA Acting majors and THEA 4000
Effective Spring 2013

THEA 5010  Professional Life: The Business of the Business  1 cr.
Prerequisite: Enrollment limited to BFA Acting major, senior level
Effective Spring 2013
Prerequisite Change
THEA 2550  Stage Management  3 cr.
Prerequisite: THEA 1713
Effective Summer 2013

THEA 4330/6330  Methods of Teaching Drama, Pre K-8  3 cr.
Prerequisite: BFA Theatre Education major, Theatre Teaching Minor,
   admission to major or minor in education or permission of instructor
Effective Summer 2013

Credit Hour Change, Prerequisite Change, Grade Mode Change
THEA 2555  Production Practicum  .5 cr
Previously 1 cr.
Repeatable for credit
Pass/Fail only
Prerequisites: Theatre majors or minors, THEA 1513 or 2203, or
   permission of department
Effective Summer 2013

Title Change, Prerequisite Change
THEA 3230  Theatre History and Literature I  3 cr.
Previously Theatre History I
University Studies Designation: CI/DHA
Prerequisite: Theatre majors or minors, ENGL 2010, sophomore level or
   above or permission of department
Effective Summer 2013

THEA 3240  Theatre History and Literature II  3 cr.
Previously Theatre History II
University Studies Designation: CI/DHA
Prerequisite: Theatre majors or minors, ENGL 2010, sophomore level or
   above or permission of department
Effective Summer 2013

Course Number Change, Prerequisite Change
THEA 3360  Technology and Design for Theatre Educators  3 cr.
Previously THEA 5340
Prerequisite: BFA Theatre Education major, Theatre Teaching minor,
   THEA 1513, sophomore level or above or permission of department
Effective Summer 2013

THEA 3370  Applied Theatre  3 cr.
Previously THEA 5380
Prerequisite: BFA Theatre Education major, Theatre Teaching minor,
sophomore level or above or permission of department
Effective Summer 2013
THEA 3380  Drama Across the Curriculum, Grades K-12  3 cr.
Previously THEA 5370
Prerequisite: BFA Theatre Education major, Theatre Teaching minor, sophomore level or above, or permission of department
Effective Summer 2013

THEA 4350  Theatre for Young Audiences  3 cr.
Previously THEA 5320
Prerequisite: BFA Theatre Education major, Theatre Teaching minor, THEA 1713, sophomore level or above or permission of department
Effective Summer 2013

Course Number Change, Prerequisite Change, Add Dual List
THEA 4340/6340  Methods of Teaching Theatre, Grades 9-12  3 cr.
Previously THEA 5360/6360
Add dual list of THEA 6340
Prerequisite: BFA Theatre Education major, Theatre Teaching minor, admission to STEP program, sophomore level or above or permission of department
Effective Summer 2013

Huntsman School of Business
Department of Economics and Finance
New Course
FIN 5250  Banking Regulation  3 cr.
Effective Spring 2013

Department of Management
New Course
MGT 3350  Critical Analytical Thinking  3 cr.
Prerequisites: Admittance to a USU major, cumulative GPA of 2.67 or higher, completion of at least 40 credits, Huntsman Scholar or permission of instructor
Effective Spring 2013

Course Number Change, Prerequisite Change
MGT 3000  Entrepreneurship: Starting Your Own Business  3 cr.
Previously MGT 2900
Prerequisites: Admittance to a USU major, cumulative GPA of 2.67 or higher, completion of at least 40 credits or permission of instructor
Effective Summer 2013
Prerequisite Change
MGT 3930  Tourism and Events Administration  3 cr.
Prerequisites: Admittance to a USU major, cumulative GPA of 2.67 or higher, completion of at least 40 credits
Effective Summer 2013

MGT 4800  Independent Research and Readings  1-3 cr.
Prerequisites: Admittance to a USU major, cumulative GPA of 2.67 or higher, completion of at least 40 credits and permission of instructor.
Repeatable for credit
Effective Summer 2013

Prerequisite Change, Dual List Change
MGT 5640  Selected Topics in Management and Human Resources  1-3 cr.
Remove dual list of MGT 6640
Prerequisites: Admittance to a USU major, cumulative GPA of 2.67 or higher, completion of at least 40 credits and permission of instructor.
Repeatable for credit
Effective Summer 2013

Credit Hour Change, Dual List Change
MGT 6640  Selected Topics in Management and Human Resources  .5-3
Previously 1-3 cr.
Remove dual list of MGT 5640
Repeatable for credit
Effective Spring 2013

Emma Eccles Jones College of Education and Human Services
School of Teacher Education and Leadership
New Course
SCED 6305  Graduate Clinical Experience  1 cr.
Repeatable for credit
Pass/Fail only
Effective Spring 2013

TEAL 5230  Evidence-based Literacy Instruction for K-6 Learners  3 cr.
Effective Fall 2013

TEAL 6060  Instructional Leadership: Assessment for Curricular Accountability  3 cr.
Effective Fall 2012
Prerequisite Change
ELED 4150  Assessment and Differentiation Across the Curriculum  2 cr.
Prerequisite: Admission to the Elementary Education-Teacher Education Program
Effective Summer 2013

Course Number Change, Title Change, Course Description Change
TEAL 6280  Instructional Leadership: Instructional Practices for Diverse Learners
Previously SPED 6280, Instructional Leadership for At-Risk Students
Effective Summer 2013

Department of Communicative Disorders and Deaf Education
New Course
COMD 4890/6890  Additional Issues in Deafblindness  4 cr.
Prerequisites: COMD 4660/6660 and COMD 4840/6840
Effective Fall 2012

Title Change, Course Description Change
COMD 3010  American Sign Language I  4 cr.
Previously Sign Language I
University Studies Designation: CI
Effective Spring 2013

Title Change
COMD 3910  American Sign Language II  4 cr.
Previously Sign Language II
Effective Spring 2013

Title Change, Course Description Change
COMD 4910/6910  American Sign Language III  4 cr.
Previously Sign Language III
University Studies Designation: COMD 4910; CI
Effective Spring 2013

COMD 4920/6920  American Sign Language IV  4 cr.
Previously Sign Language IV
Effective Spring 2013

Course Number Change
COMD 5880  Methods and Procedures in Early Intervention  3 cr.
Previously COMD 6880
Effective Summer 2013
### Department of Instructional Technology and Learning Sciences

**Prerequisite Change**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITLS 5290/6290</td>
<td>Multimedia Production for Instruction and Training</td>
<td>3 cr.</td>
<td>Prerequisite: Must have completed at least one of the following courses: ITLS 5215/6215; ITLS 5230/6230; ITLS 5255/6255; ITLS 5264/6265</td>
</tr>
<tr>
<td>ITLS 6505</td>
<td>Foundations of Instructional Technology</td>
<td>3 cr.</td>
<td>Prerequisite: Matriculation into the Instructional Technology and Learning Sciences department</td>
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<tr>
<td>ITLS 6520</td>
<td>Projects in Instructional Technology</td>
<td>3 cr.</td>
<td>Prerequisite: Matriculation into the Instructional Technology and Learning Sciences department</td>
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<tr>
<td>ITLS 6530</td>
<td>Instructional Design and Development Studio</td>
<td>3 cr.</td>
<td>Repeatable for credit Prerequisite: ITLS 6520 and matriculation into the Instructional Technology and Learning Sciences department</td>
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<tr>
<td>ITLS 6540</td>
<td>Learning Theory</td>
<td>3 cr.</td>
<td>Prerequisite: Matriculation into the Instructional Technology and Learning Sciences department</td>
</tr>
<tr>
<td>ITLS 6740</td>
<td>Instructional Evaluation</td>
<td>2 cr.</td>
<td>Prerequisite: Matriculation into the Instructional Technology and Learning Sciences department</td>
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**Effective Spring 2013**

### Department of Psychology

**Course Description Change**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>PSY 3120</td>
<td>Abuse, Neglect and the Psychological Dimensions of Intimate Violence</td>
<td>3 cr.</td>
<td>University Studies Designation: DSS</td>
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**University Studies Designation: DSS**

**Effective Spring 2013**

**Grade Mode Change**

<table>
<thead>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>PSY 7950</td>
<td>Internship in Professional Psychology</td>
<td>1 cr.</td>
<td>Repeatable for credit Pass/Fail only</td>
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**Effective Spring 2013**
Effective Spring 2013

**Department of Special Education Rehabilitation**
Credit Hour Change
- SPED 5300  Orientation to Teaching Students with Mild/Moderate Disabilities  1-2 cr.
  Previously 2 cr.
  Effective Spring 2013

**College of Engineering**
**Department of Electric and Computer Engineering**
Course Description Change
- ECE 2700  Digital Circuits  4 cr.
  Effective Spring 2013

- ECE 5780  Real-Time Systems  4 cr.
  Effective Spring 2013

**Department of Engineering Education**
New Course
- EED 6090  Curriculum Development in Engineering Education  3 cr.
  Effective Spring 2013

**Department of Mechanical and Aerospace Engineering**
Prerequisite Change
- MAE 3600  Engineering Professionalism and Ethics  1 cr.
  Prerequisite: Admission into the MEEN professional program
  Effective Spring 2013

**College of Humanities and Social Sciences**
**Department of English**
Prerequisite Change
- ENGL 0900  Developmental Language Arts  3 cr.
  Prerequisite: English ACT score of 9-13 OR 0-59 Reading ACCUPLACER score
  Effective Summer 2013

- ENGL 0990  Developmental Composition  3 cr.
  Prerequisite: English ACT score of 14-16 OR 60 or higher Reading ACCUPLACER score OR 0-69 Sentence Skills ACCUPLACER score
  Effective Summer 2013
**College of Natural Resources**

**New Course**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NR 4250</td>
<td>Natural Resources Capstone Experience for Interdisciplinary Studies</td>
<td>3 cr.</td>
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<tr>
<td></td>
<td>and General Studies</td>
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<tr>
<td>NR 6570</td>
<td>Ecological Foundations of Natural Resource Management</td>
<td>3 cr.</td>
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**Department of Environment and Society**

**New Course**

<table>
<thead>
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<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENVS 6310</td>
<td>Introduction to Environmental Laws and Policy</td>
<td>3 cr.</td>
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**Dual List Change**

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<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENVS 4610/6610</td>
<td>Foundations of Environmental Education Add dual list of ENVS 4610</td>
<td>3 cr.</td>
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**Delete Course**

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<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENVS 5110</td>
<td>Environmental Education</td>
<td>3 cr.</td>
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**Department of Wildland Resources**

**Inactivate Course**

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<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>WILD 4810</td>
<td>Directed Reading in Wildlife Damage Management</td>
<td>2 cr.</td>
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<tr>
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<th>Title</th>
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<tbody>
<tr>
<td>WILD 4830</td>
<td>Directed Reading in Wildlife Biology Repeatable for credit</td>
<td>1-3 cr.</td>
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<thead>
<tr>
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<th>Title</th>
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</thead>
<tbody>
<tr>
<td>WILD 4840</td>
<td>Directed Reading in Vegetation and Landscapes for Wildlife Management Repeatable for credit</td>
<td>1-3 cr.</td>
</tr>
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</table>
**College of Science**  
**Department of Biology**  
**Prerequisite Change**  
BIOL 2060  
Elementary Microbiology  
4 cr.  
Prerequisite: Any one of the following: USU 1350, BIOL 1010, 1500, 1610, 2320, 2420, CHEM 1010, 1110, 1210, AP Biology or AP Chemistry with a score of 3 or higher  
Effective Summer 2013

**Prerequisite Change, Course Description Change**  
BIOL 2420  
Human Physiology  
4 cr.  
Prerequisite: Any one of the following: USU 1350, BIOL 1010, 1500, 1610, 2320, 2420, CHEM 1010, 1110, 1210, AP Biology or AP Chemistry with a score of 3 or higher  
Effective Summer 2013

**Other Business**

The following department requests two new degrees: (see below)

Health, Physical Education and Recreation-  
1. Master of Health Promotion  
2. Master of Fitness Promotion

The following departments request to restructure their PhD programs: (see below)

Animal, Dairy and Veterinary Sciences-  
3. PhD in Animal, Dairy and Veterinary Sciences  
Applied Economics-  
4. PhD in Economics  
Biological Engineering-  
5. PhD in Biological Engineering  
Environment and Society-  
6. PhD in Ecology  
Watershed Sciences-  
7. PhD in Ecology  
8. PhD in Watershed Science  
Wildland Resources-  
9. PhD in Ecology  
10. PhD in Forestry  
11. PhD in Range Science
12. PhD in Wildlife Biology

The following departments request to discontinue the Plan C option: (see below)

Communicative Disorders and Deaf Education-
13. Plan C option in MS Communicative Disorders and Deaf Education

Health, Physical Education and Recreation-
14. Plan C option in MS Health and Human Movement, Health Education Specialization

The following departments request the discontinuation of specializations: (see below)

Communicative Disorders and Deaf Education-
15. Audiology under the MA, MS, Med, and AuD degrees in Communicative Disorders and Deaf Education

Health, Physical Education and Recreation-
16. Corporate Wellness, for Plans A, B and C, in the MS Health and Human Movement

Wildland Resources-
17. Game-Range Management, International Range Management, Range Rehabilitation, and Range Resource Economics in the MS and PhD in Range Science
18. Forest Biology and Forest Economics and Policy in the MS and PhD in Forestry
19. Conservation Biology and Problem Wildlife Management in MS and PhD in Wildlife Biology

20. The department of Communicative Disorders and Deaf Education requests the discontinuation of the EdS in Communicative Disorders and Deaf Education (see below)

21. The department of Environment and Society requests the elimination of the Master of Arts degree in Geography and

22. Elimination of six specializations within the Master of Science degree in Geography (see below)

23. The department of Health, Physical Education and Recreation requests a Plan B option within the Health Education specialization of the MS in Health and Human Movement (see below)
CURRICULUM SUBCOMMITTEE MINUTES
6 September 2012

A meeting of the Curriculum Subcommittee of the Educational Policies Committee was held on 6 September 2012 at 2 p.m. in Old Main 136 (Champ Hall Conference Room).

Present:  
Ed Reeve, Chair, College of Agriculture  
Darrin Brooks, Caine College of the Arts  
Frank Caliendo, Huntsman School of Business  
Scott Hunsaker, Emma Eccles Jones College of Education and Human Services  
Dean Adams, College of Engineering  
Patricia Gantt, College of Humanities and Social Sciences  
Nancy Mesner, College of Natural Resources  
Richard Mueller, College of Science  
Michelle Fleck, USU-Eastern  
Steve Beck, Graduate Council (representing Shelley Lindauer)  
Norm Jones, General Education Subcommittee Chair  
Marci Smith, Registrar’s Office (representing Roland Squire)  
Cathy Gerber, Registrar’s Office

Absent:  
Travis Peterson, Regional Campuses and Distance Education  
Wendy Holliday, Libraries  
Jordan Hunt, ASUSU Academic Senate President  
Zach Portman, Graduate Studies Vice President

Visitors:  
Larry Smith, Executive Senior Vice Provost  
M. Scott Henrie, USU-Eastern, Criminal Justice Program  
Jessica Hansen, Registrar’s Office  
Ann Mildenhall, Clinical Asst Professor, Wasatch Campus, Internship Director

Richard Mueller moved to approve the minutes of the 5 April 2012 meeting. Norm Jones seconded; motion approved.

Richard Mueller moved to approve the business of the College of Agriculture. Nancy Mesner seconded; motion approved.

College of Agriculture
Department of Agricultural Systems Technology and Education
Title Change, Credit Hour Change, Course Description Change

ASTE 3100  
Personal Leadership in Agriculture  
Previously Leadership Applications in Agricultural Science, Management and Development, 2 cr.
Effective Spring 2013
Department of Landscape Architecture and Environmental Planning

New Course

LAEP 4150  Field Studio Experience  3 cr.
Prerequisites: LAEP 3500, 3600, and 3610 or permission of instructor
Effective Spring 2013

LAEP 4930  Preparing for the Landscape Architect Registration Examination  2 cr.
Prerequisite: Must be LAEP senior; LAEP 4910 (may be taken concurrently) or permission of instructor
Effective Spring 2013

LAEP 6130  Preparing for the Landscape Architecture Registration Examination 2 cr.
Prerequisite: Must be LAEP graduate student; LAEP 6160 (may be taken concurrently) or permission of instructor
Effective Spring 2013

Title Change, Course Description Change

LAEP 3120  Land Planning for Residential Development  5 cr.
Previously Residential Planning and Design
Effective Spring 2013

Title Change

LAEP 6320  Land Planning and Design for Community Development  5 cr.
Previously Residential Planning and Design
Effective Spring 2013

Credit Hour Change

LAEP 2700  Site Analysis: Social, Behavioral, and Biophysical Dimensions  4 cr.
Previously 5 cr.
Effective Spring 2013

LAEP 6270  Site Analysis: Social, Behavioral, and Biophysical Dimensions  4 cr.
Previously 5 cr.
Effective Spring 2013

Title Change, Credit Hour Change, Course Description Change

LAEP 4910/6160  Communication and Leadership in Professional Practice  3 cr.
Previously Professional Practice I, 1 cr.
Effective Spring 2013
Darrin Brooks moved to approve the business of the Caine College of the Arts. Norm Jones seconded; motion approved.

**Caine College of the Arts**  
**Department of Art and Design**  
University Studies Request  

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 3510</td>
<td>Islamic Visual Cultures</td>
<td>3 cr.</td>
<td>University Studies Designations: CI/DHA</td>
</tr>
<tr>
<td></td>
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<td>Effective Spring 2013</td>
</tr>
<tr>
<td>ARTH 3630</td>
<td>Medieval Art</td>
<td>3 cr.</td>
<td>University Studies Designation: CI/DHA</td>
</tr>
<tr>
<td></td>
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<td>Effective Spring 2013</td>
</tr>
<tr>
<td>ARTH 4740</td>
<td>Nineteenth Century Art</td>
<td>3 cr.</td>
<td>University Studies Designation: CI</td>
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<td>Effective Spring 2013</td>
</tr>
<tr>
<td>ARTH 4750</td>
<td>Twentieth Century Art</td>
<td>3 cr.</td>
<td>University Studies Designation: CI</td>
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<td>Effective Fall 2012</td>
</tr>
</tbody>
</table>

Frank Caliendo moved to approve the business of the Huntsman School of Business. Pat Gantt seconded; motion approved.

**Huntsman School of Business**  
**Department of Management**  
Prerequisite Change  

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT 3520</td>
<td>New Venture Management</td>
<td>2 cr.</td>
<td>Prerequisites: MGT 3510, Admittance to a USU major, cumulative GPA of 2.67 or higher, completion of at least 40 credits</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>Effective Spring 2013</td>
</tr>
<tr>
<td>MGT 3540</td>
<td>New Venture Financing</td>
<td>2 cr.</td>
<td>Prerequisites: MGT 3510, Admittance to a USU major, cumulative GPA of 2.67 or higher, completion of at least 40 credits</td>
</tr>
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<td></td>
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<td>Effective Spring 2013</td>
</tr>
</tbody>
</table>

Scott Hunsaker moved to approve the business of the Emma Eccles Jones College of Education and Human Services. Nancy Mesner seconded; motion approved.

**Emma Eccles Jones College of Education and Human Services**  
**School of Teacher Education and Leadership**  
Course Description Change  

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELED 3100</td>
<td>Classroom Reading Instruction</td>
<td>3 cr.</td>
<td>Effective Spring 2013</td>
</tr>
</tbody>
</table>
Department of Communicative Disorders and Deaf Education

Title Change, Credit Hour Change, Course Description Change

COMD 6120 Adult Language Disorders 3 cr.
Previously Adult Disorders of Motor Speech and Swallowing, 4 cr.
Effective Spring 2013

COMD 6810 Voice, Resonance, and Craniofacial Disorders 1-4 cr.
Previously Disorders of Phonation, 3 cr.
Effective Fall 2013

Title Change, Course Description Change

COMD 6130 Neural Bases of Communication and Motor Speech Disorders 1-4 cr.
Previously Neuropathologies of Speech and Language
Effective Spring 2013

COMD 6140 Dysphagia 1-3 cr.
Previously Pediatric Neurogenic Disorders
Effective Spring 2013

Department of Psychology

Course Description Change

PSY 3460 Physiological Psychology 3 cr.
Effective Fall 2012

Dean Adams moved to approve the business of the College of Engineering. Richard Mueller seconded; motion approved.

College of Engineering

Department of Electrical and Computer Engineering

Prerequisite Change, Course Description Change

ECE 5600 Introduction to Computer Networks 3 cr.
Prerequisites: ECE 3620 and MATH 5710; or graduate standing
Effective Fall 2013

ECE 6600 Wireless and Mobile Networking 3 cr.
Prerequisite: ECE 5600
Effective Fall 2013

Department of Mechanical and Aerospace Engineering

Prerequisite Change

MAE 5580 Aircraft Design 3 cr.
Prerequisites: MAE 5500 and MAE 5510
Effective Summer 2013
Pat Gantt moved to approve the business of the College of Humanities and Social Sciences.
Norm Jones seconded; motion approved.

**College of Humanities and Social Sciences**

**Department of English**

Prerequisite Change

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Effective</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 3305</td>
<td>Medieval Literary History</td>
<td>3 cr.</td>
<td>No Prerequisites</td>
<td>Spring 2013</td>
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<tr>
<td>ENGL 3315</td>
<td>Early Modern British Literary History</td>
<td>3 cr.</td>
<td>No Prerequisites</td>
<td>Spring 2013</td>
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<tr>
<td>ENGL 3325</td>
<td>Eighteenth-Century British Literary History</td>
<td>3 cr.</td>
<td>No Prerequisites</td>
<td>Spring 2013</td>
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<tr>
<td>ENGL 3335</td>
<td>Nineteenth-Century British Literary History</td>
<td>3 cr.</td>
<td>No Prerequisites</td>
<td>Spring 2013</td>
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<tr>
<td>ENGL 3345</td>
<td>Literary History of the British Isles Since 1900</td>
<td>3 cr.</td>
<td>No Prerequisites</td>
<td>Spring 2013</td>
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<tr>
<td>ENGL 3355</td>
<td>Literary History of the Early Americas</td>
<td>3 cr.</td>
<td>No Prerequisites</td>
<td>Spring 2013</td>
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<tr>
<td>ENGL 3365</td>
<td>Nineteenth-Century American Literary History</td>
<td>3 cr.</td>
<td>No Prerequisites</td>
<td>Spring 2013</td>
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<tr>
<td>ENGL 3375</td>
<td>Literary History of the Americas Since 1900</td>
<td>3 cr.</td>
<td>No Prerequisites</td>
<td>Spring 2013</td>
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<tr>
<td>ENGL 3385</td>
<td>World Literary History Pre-1900</td>
<td>3 cr.</td>
<td>No Prerequisites</td>
<td>Spring 2013</td>
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<tr>
<td>ENGL 3395</td>
<td>World Literary History Since 1900</td>
<td>3 cr.</td>
<td>No Prerequisites</td>
<td>Spring 2013</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credit</td>
<td>Prerequisites</td>
<td>Repeatable</td>
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<tr>
<td>ENGL 4300</td>
<td>Shakespeare</td>
<td>3 cr.</td>
<td>No Prerequisites needed</td>
<td>Repeatable</td>
</tr>
<tr>
<td>ENGL 4310</td>
<td>American Writers</td>
<td>3 cr.</td>
<td>No Prerequisites needed</td>
<td>Repeatable</td>
</tr>
<tr>
<td>ENGL 4320</td>
<td>British Writers</td>
<td>3 cr.</td>
<td>No Prerequisites needed</td>
<td>Repeatable</td>
</tr>
<tr>
<td>ENGL 4330</td>
<td>World Writers</td>
<td>3 cr.</td>
<td>No Prerequisites needed</td>
<td>Repeatable</td>
</tr>
<tr>
<td>ENGL 4340</td>
<td>Studies in Prose</td>
<td>3 cr.</td>
<td>No Prerequisites needed</td>
<td>Repeatable</td>
</tr>
<tr>
<td>ENGL 4350</td>
<td>Studies in Poetry</td>
<td>3 cr.</td>
<td>No Prerequisites needed</td>
<td>Repeatable</td>
</tr>
<tr>
<td>ENGL 4360</td>
<td>Studies in Drama/Film</td>
<td>3 cr.</td>
<td>No Prerequisites needed</td>
<td>Repeatable</td>
</tr>
<tr>
<td>SPAN 3560</td>
<td>Introduction to U.S. Latino/a Culture</td>
<td>3 cr.</td>
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<tr>
<td>SPAN 3640</td>
<td>Introduction to U.S. Latino/a Literature</td>
<td>3 cr.</td>
<td>Prerequisite: SPAN 3040 or permission of instructor</td>
<td></td>
</tr>
</tbody>
</table>
Credit Hour Change, Add Repeatable for Credit

CHIN 3880 Individual Readings in Chinese
Previously 1-2 cr.
Repeatable for credit
Effective Spring 2013

Course Number Change, Course Description Change

CMST/LANG 4330 Communication in a Global Era
Previously CMST/LANG 2330
Effective Spring 2013

University Studies Request

LANG 2100 Languages of the World
University Studies Designation: BSS
Effective Spring 2013

Department of Political Science

New Course

POLS 4462 Intelligence and Covert Action
Prerequisites: POLS 1100 and POLS 2100
Effective Spring 2013

POLS 4770/6770 Strategic Culture
Prerequisite: POLS 2100
Effective Spring 2013

POLS 5300 Cyber Warfare and International Politics
Effective Spring 2013

POLS 6405 Seminar on Intelligence and Covert Action
Effective Spring 2013

Grade Mode Change

POLS 5920 Washington Internship
Change to letter grade
Repeatable for credit
Effective Fall 2012

POLS 5930 State Government Internship
Change to letter grade
Repeatable for credit
Effective Fall 2012

POLS 5940 Administrative Internship
Change to letter grade
Repeatable for credit
Effective Fall 2012
Department of Sociology, Social Work and Anthropology

New Course
CJ 1390 Introduction to Policing 3 cr.
Effective Spring 2013

Prerequisite Change
ANTH 5420 Lithic Analysis 1-3 cr.
Repeatable for credit
Dual List with ANTH 6420
Prerequisite for ANTH 5420: ANTH 1030 and at least two courses from the “archaeology track” suite on the anthropology major green sheet
Effective Fall 2012

(This change was missed on the April 5, 2012 agenda.)

Nancy Mesner moved to approve the business of the College of Natural Resources. Pat Gantt seconded; motion approved.

College of Natural Resources

New Course
NR 6580 Data Analysis and Programming for Natural Resource Managers 3 cr.
Effective Spring 2013

NR 6910 Geographic Information Systems for Natural Resource Applications 3 cr.
Effective Spring 2013

Department of Watershed Sciences

University Studies Request
WATS 4490/5490 Small Watershed Hydrology 4 cr.
University Studies Designation: QI
Effective Spring 2013

Richard Mueller moved to approve the business of the College of Science. Darrin Brooks seconded; motion approved.

College of Science

Inactivate Course
SCI 4300 Science in Society 2 cr.
Effective Fall 2012

Department of Biology

New Course
BIOL/BENG/CHEM 5790/6790 Protein Structure/Function and Purification 3 cr.
Prerequisites: Microbiology or Biochemistry or equivalent
Effective Spring 2013

Prerequisite Change
BIOL 3760 Independent Study 1-3 cr.
Prerequisites: BIOL 1620 and permission of instructor
Repeatable for credit
Effective Spring 2013
BIOL 5100/6100 Neurobiology 3 cr.
Prerequisites: BIOL 1620; CHEM 1220; and PHYS 2120 or PHYS 2220
Effective Summer 2013

Prerequisite Change, Add Repeatable for Credit
BIOL 4250 Internship/Co-op 1-2 cr.
Prerequisite: Permission of instructor
Repeatable for credit
Effective Spring 2013

Department of Geology
New Course
GEO 6650/7650 Quaternary Geochronology 3 cr.
Effective Spring 2013

Department of Physics
Prerequisite Change, Course Description Change, Add Dual List
PHYS 5330/6330 Plasma Physics I 3 cr.
Prerequisite: PHYS 4600
Add dual list of PHYS 5330
Effective Spring 2013

PHYS 5530/6530 Solid State Physics I 3 cr.
Prerequisites: PHYS 3700 and PHYS 4600;
PHYS 4710 (can be taken concurrently)
Add dual list of PHYS 5530
Effective Summer 2013

PHYS 5910/6910 Relativity I 3 cr.
Prerequisites: PHYS 3710 and PHYS 4600
Add dual list of PHYS 5910
Effective Summer 2013

Prerequisite Change, Course Description Change
PHYS 6340 Plasma Physics II 3 cr.
Prerequisite: PHYS 5330 or PHYS 6330
Effective Summer 2013

PHYS 6540 Solid State Physics II 3 cr.
Prerequisite: PHYS 5530 or PHYS 6530
Effective Summer 2013

PHYS 6920 Relativity II 3 cr.
Prerequisite: PHYS 5910 or PHYS 6910
Effective Summer 2013

9
Other Business
The request from the Nutrition, Dietetics and Food Science Department to offer a Distance Dietetic Internship was withdrawn from the agenda. Larry Smith, Chuck Carpenter and Ann Mildenhall will meet to discuss this certificate.

Information Item
At my request as chair of the EPC, an expedited electronic review was conducted by the EPC membership between April 19 and 20. The result of the proposal review and vote was 14 votes unanimously in favor of the proposal. I therefore will revise or amend the April EPC report to include this action and am, in this email, reporting this EPC action to the Faculty Senate Executive Committee.
Highlights of this proposal are:

- The USU-Eastern Center for Workforce Development will provide students in the region with a greater awareness of career and technical education (CTE) and workforce programs offered by the institution.

- The center will also be a major student recruiting entity, again by being a resource for potential students inquiring about CTE and resulting employment opportunities

- The center will actively partner with state workforce and vocational rehabilitation divisions

- The center will promote student employment success by connecting regional employers with students

- The center will help promote economic development and employment in the region (see below)

EPC and Curriculum Subcommittee Schedule for 2012-2013

<table>
<thead>
<tr>
<th>Agenda Items Due</th>
<th>EPC and Curriculum Subcommittee Meetings</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 23, 2012</td>
<td>September 6, 2012</td>
</tr>
<tr>
<td>September 20, 2012</td>
<td>October 4, 2012</td>
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<tr>
<td>October 18, 2012</td>
<td>November 1, 2012</td>
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<td>November 22, 2012</td>
<td>December 6, 2012</td>
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<td>December 13, 2012</td>
<td>January 10, 2013</td>
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<td>January 24, 2013</td>
<td>February 7, 2013</td>
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<td>February 21, 2013</td>
<td>March 7, 2013</td>
</tr>
<tr>
<td>March 21, 2013</td>
<td>April 4, 2013</td>
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</tbody>
</table>
**Update on Electronic Course Approval Form**

The process to create an electronic Course Approval Form is still underway. We have been meeting throughout the summer to build this form and create the approval workflow. We will be meeting again after Labor Day to make more adjustments. Once the form is finished, work on finishing up the workflow approval process will take place. Testing on this form will be done this fall.

Information on EPC and its subcommittees, policies, forms, R401 proposal submission and more can be found at this site. Please take some time to familiarize yourself with this information. [http://www.usu.edu/epc/](http://www.usu.edu/epc/)

Clarification on signatures needed on the Course Approval Form. Signatures needed are: Dean, Department Head and the Curriculum Subcommittee representative.

Meeting adjourned 2:40 p.m.
Ed Reeve conducted the meeting.
Cathy Gerber recorded the minutes.
Institution Submitting Request: Utah State University
Proposed Title: Master of Health Promotion
School or Division or Location: Emma Eccles Jones College of Education and Human Services
Department(s) or Area(s) Location: Health, Physical Education & Recreation
Recommended Classification of Instructional Programs (CIP) Code¹: 51.0001
Proposed Beginning Date: 07/01/2013
Institutional Board of Trustees’ Approval Date:

Proposal Type (check all that apply):

<table>
<thead>
<tr>
<th>Section #</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1.1</td>
<td>Non-Credit Certificate of Proficiency Eligible for Financial Aid</td>
</tr>
<tr>
<td>4.1.1</td>
<td>Credit Certificate of Proficiency Eligible for Financial Aid</td>
</tr>
<tr>
<td>4.1.1</td>
<td>Non-Credit Certificate of Completion</td>
</tr>
<tr>
<td>4.1.1</td>
<td>Credit Certificate of Completion</td>
</tr>
<tr>
<td>4.1.9</td>
<td>Fast-Tracked Certificate</td>
</tr>
<tr>
<td>4.1.2</td>
<td>Associate of Applied Science Degree</td>
</tr>
<tr>
<td>4.1.3</td>
<td>Associate of Science Degree</td>
</tr>
<tr>
<td>4.1.3</td>
<td>Associate of Arts Degree</td>
</tr>
<tr>
<td>4.1.5</td>
<td>Bachelor’s Degree</td>
</tr>
<tr>
<td>4.1.6</td>
<td>K-12 School Personnel Programs</td>
</tr>
<tr>
<td>4.1.7</td>
<td>Master’s Degree</td>
</tr>
<tr>
<td>4.1.8</td>
<td>Doctoral Degree</td>
</tr>
</tbody>
</table>

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

______________________________
Signature

______________________________
Date:

______________________________
Printed Name:

Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: Emma Eccles Jones College of Education and Human Services

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Health, Physical Education & Recreation

Program/Administrative Unit Title: Master of Health Promotion

Recommended Classification of Instructional Programs (CIP) Code: 51.0001

Certificate, and/or Degree(s) to Be Awarded: Master's of Health Promotion

Proposed Beginning Date: 07/01/2013

Institutional Signatures (as appropriate):

Department Chair

Dean or Division Chair

Graduate School Dean

Date:
Program Description

The Department of Health, Physical Education, and Recreation at Utah State University proposes a new Master of Health Promotion degree with student admissions to start for Fall Semester 2013. This degree will require all the same coursework and requirements as the current Plan C option within the Health Education specialization of the MS in Health and Human Movement degree. The new degree program will meet the needs of students who wish to pursue a professional degree rather than a research-oriented degree. The current MS in Health and Human Movement would remain in the Department, with the Plan A and B thesis options having the Health Education specialization. The MS Plan C specialization in Health Education within the Health and Human Movement degree will be terminated upon approval of this new degree.

Role and Mission Fit

The mission of Utah State University is to be one of the nation's premier student-centered land-grant and space-grant universities by fostering the principle that academics come first, by cultivating diversity of thought and culture, and by serving the public through learning, discovery, and engagement (http://www.usu.edu/president/missionstatement/). The offering of a new Master of Health Promotion Degree is consistent with this mission by providing a high quality academic experience for the citizens of Utah and beyond.

Faculty

All faculty contributing to this degree program possess a PhD in the academic discipline, have experience in instruction in graduate coursework, mentoring graduate students and conducting research in the academic discipline. A summary of the faculty credentials is provided at the end of the proposal.

Market Demand

Health Education and Promotion is a growing field of study. With the passage of the Patient Protection and Affordable Care Act, health prevention services will be at increased demand. According to the Bureau of Labor Statistics:

Employment of health educators is expected to grow by 37 percent from 2010 to 2020, much faster than the average for all occupations. Growth will be driven by efforts to reduce healthcare costs by teaching people about healthy habits and behaviors. As healthcare costs continue to rise, insurance companies, employers, and governments are trying to find ways to curb costs. One way is to employ health educators, who teach people how to live healthy lives and avoid costly diseases. Lifestyle changes can reduce the likelihood of contracting a number of illnesses, such as lung cancer, HIV, heart disease, and skin cancer. Health educators help people understand how what they do affects their health. For many illnesses, such as breast cancer and testicular cancer, finding the disease early greatly increases the likelihood that treatment will be successful. Therefore, it is important for people to know how to find possible problems on their own. The need to provide the public with this kind of information is expected to result in an increased demand for health educators (http://www.bls.gov/ooh/community-and-social-service/health-educators.htm#tab-6).
**Student Demand**

Beginning with the Fall 2007 Semester the USU School of Graduate Studies listed 43 students who have earned their degree in the program (Plan C of MS Health & Human Movement). Of these graduates, 14 were in the Health Education specialization. At present graduate student enrollment in this specialization averages about six students each semester. We believe demand will increase with the identification of a separate, professional degree.

**Statement of Financial Support**

No new funds will be required or requested to support this degree program. Existing resources are in place to support the program.

- **Appropriated Fund**
- **Special Legislative Appropriation**
- **Grants and Contracts**
- **Special Fees/Differential Tuition**
- **Other (please describe)**

**Similar Programs Already Offered in the USHE**

At present there are no professional degrees of Health Promotion in the USHE. Currently, the University of Utah offers a MS degree (thesis and non-thesis options) within the Department of Health Education and Promotion with emphasis areas in 1) community health, 2) eating disorders and obesity prevention, 3) emergency management, 4) international health, and 5) integrative health. Weber State University, Utah Valley University, and Southern Utah University do not offer graduate degrees in health promotion or related field.
Section I: The Request

Utah State University requests approval to offer a Master of Health Promotion effective Fall Semester 2013.

Section II: Program Description

Complete Program Description

The Department of Health, Physical Education, and Recreation (HPER) at Utah State University proposes a new Master of Health Promotion degree with student admissions to start for Fall Semester 2013. This degree will require all the same coursework and requirements as the current Plan C option within the Health Education specialization of the MS in Health and Human Movement degree. The new degree program will meet the needs of students who wish to pursue a professional degree rather than a research-oriented degree. The current MS in Health and Human Movement would remain in the Department, with the Plan A thesis option having the Health Education specialization. The MS Plan C specialization within the Health and Human Movement degree will be terminated upon approval of this new degree. The MHP includes 36 hours of coursework specific to health promotion, a 300-hour fieldwork experience, and required comprehensive exams based on required coursework. Students will qualify to sit for the Master Certified Health Education Specialist (MCHES) exam upon graduation.

Unlike the Plan A option within the current Health Education specialization, the MHP degree is geared toward current and future practitioners of health promotion. Therefore the coursework is designed to meet the needs of students who do not wish to pursue a terminal degree in the profession. While students in the MHP program will be required to complete rigorous research training, the primary focus of the degree is to acquire advanced skills in health promotion. To this end, student in the MHP program will complete courses in research methods, statistics, business management, fitness assessment, program evaluation, behavior change theory, and current trends in health promotion as well as electives related to the health promotion field.

Purpose of Degree

The MHP degree aims to meet the needs of students who desire to or currently hold a position within the field of health promotion. Students seeking advanced training beyond the baccalaureate level may do so for career advancement plus need for further training. This degree would not replace the health education specialization within the MS in Health and Human Movement but rather meet the needs of students who do not foresee pursuing a PhD in health-related studies. Extensive fieldwork experience and comprehensive exam requirements would ensure that the student achieves both practical and academic benchmarks for MHP degree. The lack of an independent research requirement, such as with the Plan A, distinguishes the MHP degree as a professional rather than a research degree.

Institutional Readiness

All administrative structures are in place to support the MHP degree. The MHP degree replaces the Plan C option for Health Education within the Health and Human Movement MS degree, so current faculty loads, teaching assignments, and role statements will remain unchanged.

Faculty

No additional faculty will be required for the MHP. The current Health Education faculty teach the required HEP courses.
Staff

The MHP will not require additional staff. Faculty will continue to advise students as in the previous Plan C options and current office support can meet the needs of the degree program.

Library and Information Resources

No additional library or information resources will be needed for this degree.

Admission Requirements

The admission requirements will reflect the requirements for the USU Graduate School and the MS degrees offered in HPER. These are a minimum GPA of 3.0, a score in the 40 percentile or greater on the GRE or MAT and three satisfactory letters of recommendation.

Student Advisement

The four PhD level Health Education faculty will share student advisement for the MHP program, similar to their duties for the current MS in Health & Human Movement program.

Justification for Graduation Standards and Number of Credits

The 36-credit requirement exceeds the 30-credit minimum for a master's degree at Utah State University, provides a complete program of study, and allows for a student to complete the degree program within the planned two-year period.

External Review and Accreditation

Currently there is not an accreditation process for a MHP degree.

Projected Program Enrollment and Graduates; Projected Departmental Faculty/Students

Based on previous Plan C enrollment, we expect five to eight students per year to be accepted into the MHP degree program.
Section III: Need

Program Need

The MHP replaces our current Plan C option in the Health Education specialization of the MS in Health & Human Movement. This degree best meets the needs of many students who desire to work in the health promotion field but do not expect to pursue further doctoral education. Prior to having a non-thesis option, many students who were interested in this field did not apply for graduate studies as a research-oriented degree did not match their career goals. Due to this lack of interest in research, prior to not having a non-thesis option, we struggled to have students complete their degrees in the expected two years. Based on our previous experience with the Plan C option, we expect to attract students who have undergraduate degrees in health education, dietetics, exercise science, education, psychology, and public health. However, should students desire research training in preparation for doctoral study, the Plan A and Plan B options will still be available within the health education specialization.

Labor Market Demand

Health education and promotion is a growing field. With the passage of the Patient Protection and Affordable Care Act, health prevention services will be at increased demand. According to the Bureau of Labor Statistics:

Employment of health educators is expected to grow by 37 percent from 2010 to 2020, much faster than the average for all occupations. Growth will be driven by efforts to reduce healthcare costs by teaching people about healthy habits and behaviors. As healthcare costs continue to rise, insurance companies, employers, and governments are trying to find ways to curb costs. One way is to employ health educators, who teach people how to live healthy lives and avoid costly diseases. Lifestyle changes can reduce the likelihood of contracting a number of illnesses, such as lung cancer, HIV, heart disease, and skin cancer. Health educators help people understand how what they do affects their health. For many illnesses, such as breast cancer and testicular cancer, finding the disease early greatly increases the likelihood that treatment will be successful. Therefore, it is important for people to know how to find possible problems on their own. The need to provide the public with this kind of information is expected to result in an increased demand for health educators (http://www.bls.gov/ooh/community-and-social-service/health-educators.htm#tab-6).

We have seen an increase demand in the State of Utah for master’s-level training as evidence by employment postings. The MHP degree will meet this growing need in the state and region.

Student Demand

We have seen applications increase significantly since the creation of the Plan C non-thesis option for the health education specialization within the MS Health & Human Movement degree. We expect this to be the same for the MHP degree. Students have found excellent employment and fieldwork placements. The students who have applied for the Plan C are generally excellent and are able to complete the degree within the two-year framework of the program. We expect the MHP will continue to attract a high caliber of student.

Similar Programs

At present there are no professional degrees of Health Promotion in the USHE. Currently, the University of Utah offers a MS degree (thesis and non-thesis options) within the Department of Health Education and Promotion with emphasis areas in 1) community health, 2) eating disorders and obesity prevention, 3) emergency management, 4) international health, and 5) integrative health. Weber State University, Utah Valley University, and Southern Utah University do not offer graduate degrees in health promotion or related field.
Collaboration with and Impact on Other USHE Institutions

No collaboration is planned with other institutions in the USHE system.

Benefits

This new degree will meet the needs of students who seek graduate study in health promotion but do not desire to pursue doctoral study. The emphasis on fieldwork and relevant coursework will create a stronger health workforce for the state of Utah and beyond. The students will benefit by graduating in a timely fashion. The university will benefit by an increase in qualified applicants to the program.

Consistency with Institutional Mission

The mission of Utah State University is to be one of the nation's premier student-centered land-grant and space-grant universities by fostering the principle that academics come first, by cultivating diversity of thought and culture, and by serving the public through learning, discovery, and engagement (http://www.usu.edu/president/missionstatement/). The offering of a Master of Health Promotion degree is consistent with this mission by providing a high quality academic experience for the citizens of Utah and beyond.

Section IV: Program and Student Assessment

Program Assessment

The MHP program will strive to meet the highest possible professional and educational standards. The faculty meets regularly to access curriculum needs and possible changes. We also solicit input from fieldwork supervisors, employers, past graduates, current students, and faculty. We track students Master Certified Health Education Specialist (MCHES) exam pass rates as another assessment tool. Monitoring of student application materials (e.g., MAT scores, GPA), student diversity, graduation rates, comprehensive exam pass rates, and application numbers will also be monitored.

Expected Standards of Performance

Students will be expected to maintain minimum USU graduate school GPA's while in the MHP program. The comprehensive exams are a benchmark to judge student performance. If a student fails to pass the comprehensive exams after three attempts they will be removed from the MHP program. Students are expected to have excellent performance while enrolled in fieldwork hours. A negative review by a supervisor during fieldwork will be grounds for program termination.
Section V: Finance

Budget

No additional budget is required or sought to provide the degree program.

Funding Sources

Existing resources within HPER, EEJCEHS, and USU are sufficient to support the degree program.

Reallocation

No reallocation is required.

Impact on Existing Budgets

There is no impact on existing budgets.

Section VI: Program Curriculum

All Program Courses

The MHP curriculum (36 credits) includes:

A. Required Core (28 credits)
   HEP 6100 Current Trends in Health Promotion (3 credits)
   HEP 6000 Program Evaluation for Health Education (3 credits)
   HEP 6600 Fieldwork in Health Education (6 credits)
   HEP 6800 Seminar in Health Behavior (3 credits)
   EDUC 6570 Intro to Psych. And Educ. Research (3 credits)
   EDUC 6600 Research Design and Analysis I (3 credits)
   MGT 6500 Managing Individuals and Groups 3 (3 credits)
   PEP 5100 Fitness Assessment and Exercise Programs (4 credits)

B. Electives (8 credits)

   Course electives are selected on the basis of the student's needs and interests, subject to the approval of the student's committee. They should come from the following approved courses. Courses taken while an undergraduate student will not count toward a student's program of study.

   Human and Social Nature

   FCHD 6020 Survey of Human Development Research
   FCHD 6060 Human Development Theories
   PSY 6470 Health Psychology
   SOC 6460 Sociology of Health
   SOC 6800 Population and Health
Grantsmanship and Organizational Dynamics

HEP 5300 Grant Proposal Writing
POL 6140 Leadership in Public Organizations

Instructional Technology and Research

FCSE 6210 Analysis of Social Research Data (SPSS)
INST 5230 Instructional Graphic Production

Educational Content

HEP 6900 Independent Study
HEP 6950 Independent Research
NFS 6200 Nutritional Epidemiology
NFS 6210 Advanced Public Health Nutrition
PEP 6540 Neuromuscular Adaptations

Disease and Injury Control

PUBH 4030 Communicable Disease Control
PUBH 4040 Fundamentals of Epidemiology
PUBH 5400 Environmental Toxicology

New Courses to Be Added in the Next Five Years

No new courses are expected at this time.

Program Schedule
For the MHP degree, the following schedule is recommended:

Fall Semester Year One (Total Credits: 9 credits)
HEP 6100: Current Trends in Health Promotion (3 credits)
HEP 6800: Seminar in Health Behavior (3 credits)
EDUC 6570: Intro to Psych. And Educ. Research (3 credits)

Spring Semester Year One (Total Credits: 10 credits)
HEP 6000 Program Evaluation for Health Education (3 credits)
EDUC 6600 Research Design and Analysis I (3 credits)
PEP 5100 Fitness Assessment and Exercise Programs (4 credits)

Fall Semester Year Two (Total Credits: 9 Credits)
MGT 6500 Managing Individuals and Groups 3 (3 credits)
Elective Credit (6 credits)

Spring Semester Year Two (Total Credits: 8 Credits)
Elective Credit (2 credits)
HEP 6600 Fieldwork in Health Education (6 credits)
Comprehensive Exams
### Section VII: Faculty

Health Promotion Faculty:

<table>
<thead>
<tr>
<th>Name</th>
<th>Terminal Degree</th>
<th>Institution</th>
<th>Year Awarded</th>
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<tr>
<td>Phillip J. Waite</td>
<td>PhD</td>
<td>University of Utah</td>
<td>2001</td>
<td>Health Promotion and Education</td>
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<td>Associate Professor</td>
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<tr>
<td>Julie Gast</td>
<td>PhD</td>
<td>Southern Illinois University</td>
<td>1994</td>
<td>Health Education</td>
<td>22</td>
<td>Associate Professor</td>
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<tr>
<td>Steven Hawks</td>
<td>EdD</td>
<td>Brigham Young University</td>
<td>1990</td>
<td>Community Health Education</td>
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<td>Dean, Exec Dir, Moab Ed Ctr and Professor</td>
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<td>Assoc Vice Provost and Exec Dir, RCDE and Associate Professor</td>
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<tr>
<td>Travis Peterson</td>
<td>PhD</td>
<td>Brigham Young University</td>
<td>2002</td>
<td>Health Promotion</td>
<td>14</td>
<td>Assoc Vice Provost and Exec Dir, RCDE and Associate Professor</td>
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<td>Julie Gast</td>
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<td>Travis Peterson</td>
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Institution Submitting Request: Utah State University
Proposed Title: Master of Fitness Promotion
School or Division or Location: Emma Eccles Jones College of Education and Human Services
Department(s) or Area(s) Location: Health, Physical Education & Recreation
Recommended Classification of Instructional Programs (CIP) Code¹: 51.0001
Proposed Beginning Date: 07/01/2013
Institutional Board of Trustees’ Approval Date:

Proposal Type (check all that apply):

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Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Signature: _____________________________ Date: _____________________________
Printed Name: ___________________________

¹ CIP codes must be recommended by the submitting institution. For CIP code classifications, please see http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55.
Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: Emma Eccles Jones College of Education and Human Services

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Health, Physical Education & Recreation

Program/Administrative Unit Title: Master of Fitness Promotion

Recommended Classification of Instructional Programs (CIP) Code: 51.0001

Certificate, and/or Degree(s) to Be Awarded: Master of Fitness Promotion

Proposed Beginning Date: 07/01/2013

Institutional Signatures (as appropriate):

Department Chair

Dean or Division Chair

Graduate School Dean

Date:
Program Description

The Department of Health, Physical Education & Recreation at Utah State University proposes a new professional Master of Fitness Promotion degree, with student admissions to start for Fall Semester 2013. This degree will replace the discontinued Corporate Wellness specialization options of the current MS Health & Human Movement degree. The degree program would best meet the needs of students who wish to pursue a professional degree rather than a research-oriented degree. The current Master of Science in Health and Human Movement would remain in the Department with three Plan A and B specializations (Exercise Science, Health Education, and Sports Medicine).

Role and Mission Fit

The mission of Utah State University is to be one of the nation's premier student-centered land-grant and space-grant universities by fostering the principle that academics come first, by cultivating diversity of thought and culture, and by serving the public through learning, discovery, and engagement (http://www.usu.edu/president/missionstatement/). The offering of a Master's degree in Fitness Promotion is consistent with this mission by providing a high quality academic experience for the citizens of Utah and beyond.

Faculty

All faculty members contributing to this degree program will possess a doctorate in the academic discipline, have experience in instruction in graduate coursework, mentoring graduate students, and conducting research in the academic discipline. A summary of the faculty credentials are provided at the end of the proposal.

Market Demand

A person with a professional degree in “Fitness Promotion” can work in a variety of positions and settings in which a specialist is needed to develop programs that combat cardiovascular and pulmonary diseases, metabolic disorders, and musculoskeletal problems. Employment opportunities are commonly found in fitness and wellness centers, hospitals and health care facilities, rehabilitation centers, senior centers, corporations and universities. A 2002 Bureau of Labor Statistics publication listed “employee wellness coordinator” among the new and emerging occupations. More recently, the Bureau predicted that job opportunities for fitness workers and cardiopulmonary rehabilitation specialists will increase by 24% and 29%, respectively, between 2010 and 2020, faster than the average for all occupations.

Student Demand

Beginning with the Fall 2007 Semester, USU School of Graduate Studies listed 43 students have earned their degree in the program (Plan C of MS Health & Human Movement). Of these graduates, 27 were in the Corporate Wellness specialization, which is an average of 5.4 per year. Graduate student enrollment averages about six students each semester. We believe demand will increase with the identification of a separate, professional degree. Previous graduates of the Plan C (Corporate Wellness specialization) have been employed as employee wellness coordinator at a major university (Utah State University), cardiopulmonary rehabilitation specialist (Intermountain Healthcare), fitness specialist in assisted living facility (Sunshine Terrace), personal trainer at health club (Sports Academy),
corporate wellness coach (Gold’s Gym), health & wellness coordinator for national corporation (CSX Transportation), and many other varied positions within the health-fitness industry.

Statement of Financial Support

No new funds will be required or requested to support this degree program. Existing resources are in place to support the program.

- Appropriated Fund
- Special Legislative Appropriation
- Grants and Contracts
- Special Fees/Differential Tuition
- Other (please describe)

Similar Programs Already Offered in the USHE

Utah Valley University does not currently offer a graduate degree in this field. Weber State University offers a MS degree in Athletic Training. This is a substantially different degree program than “Fitness Promotion.” In the Weber State program, students are trained to care for athletic injuries (e.g., “sports medicine”). Southern Utah University offers a Master of Sports Conditioning and Performance. The focus on this degree is the training of coaches for the purpose of improving sports performance. The University of Utah offers a MS non-thesis option titled “Coaching Wellness” that has a similar aim/objective and coursework to the proposed Master of Fitness Promotion.
Section I: The Request
Utah State University requests approval to offer a Master of Fitness Promotion effective Fall Semester 2013.

Section II: Program Description

Complete Program Description
The Department of Health, Physical Education and Recreation (HPER) at Utah State University proposes a new professional Master of Fitness Promotion (MFP) degree, with student admissions starting Fall Semester 2013. The MFP degree will replace the current Plan C option for the Corporate Wellness specialization within the Master of Science Health and Human Movement degree. The coursework and degree requirements will be the same for the MFP degree as for the previous Plan C option. The MFP is 40 credit hours (34 credits of coursework and 6 credits of practicum that involves a 400-hour fieldwork experience).

Unlike the Plan A and Plan B options within the current Exercise Science specialization, the MFP degree is geared toward current and future practitioners of health fitness. Therefore, the coursework and practicum experiences are designed to meet the needs of students who do not wish to pursue a terminal degree in the profession. While students in the MFP program will be required to complete rigorous research training (research methods and statistics courses), the primary focus of the degree is to acquire advanced skills specific to a profession in a health fitness setting. In addition to some of the same courses that MS students take (i.e., Advanced Exercise Physiology, and Advanced Biomechanics), MFP students take courses in ECG interpretation and Health Psychology, as well as health- and wellness-related electives from other departments (e.g., Nutritional Epidemiology, Sociology of Health, etc.).

Purpose of Degree
The MFP degree aims to meet the needs of students who desire to or currently hold a position within the field of health fitness. Students seeking advanced training beyond the baccalaureate level may do so for career advancement, need for further training in the field, or are new to the field of health fitness but already have an undergraduate degree in another field of study. This degree would not replace the exercise science emphasis within the MS in Health and Human Movement but rather meets the needs of students who do not foresee pursuing a PhD or a career as a researcher. Student's extensive fieldwork (practicum) experience further ensures a practical benchmark for a career as a health-fitness professional. The lack of an independent research requirement, such as with the Plan A and Plan B, distinguishes the MHF degree as a professional degree rather than a research degree.

Institutional Readiness
All administrative structures are in place to support the MFP degree. The MFP degree replaces the MS Plan C specialization for Exercise Science so current faculty loads, teaching assignments, and role statements will remain unchanged.

Faculty
No additional faculty will be required for the MFP. The Exercise Science faculty members have previously taught the required courses for the degree as part of the Plan C option for the Corporate Wellness specialization within the MS Health and Human Movement degree.
Marketing and recruiting for the new degree option will be done along with the MS degree options within the HPER department.

Staff

The MFP will not require additional staff. Faculty will continue to advise students as in the previous Plan C option and current office support can meet the needs of the degree program.

Library and Information Resources

No additional library or information resources will be needed for this degree.

Admission Requirements

The admission requirements will reflect the requirements for the USU Graduate School and the MS degrees offered in HPER. These are a minimum GPA of 3.0, a score in the 40 percentile or greater on the GRE or MAT, and three satisfactory letters of recommendation.

Student Advisement

The current doctoral level Exercise Science faculty will share student advisement for the MFP program, similar to their duties for the current MS in Health and Human Movement program.

Justification for Graduation Standards and Number of Credits

The 40-credit requirement exceeds the 30 credit minimum for a master's degree at Utah State University, provides a complete program of study with valuable practicum experience, and allows for a student to complete the degree program within the planned two-year period.

External Review and Accreditation

Currently there is not an accreditation process for a MHF degree.

Projected Program Enrollment and Graduates; Projected Departmental Faculty/Students

Based on previous Plan C enrollment, we expect five-ten students per year to be accepted into the MFP degree program.

Section III: Need

Program Need

The MFP replaces our current Plan C option in the corporate wellness specialization of the MS in Health and Human Movement. This degree best meets the needs of many students who desire to work in the health-fitness field but do not need or plan to pursue a doctoral degree. Without a non-thesis option, many students who are interested in this field will not apply for graduate studies, as a research-oriented degree does not match their career goals. Based on our previous experience with the Plan C option, we expect to attract students who have undergraduate degrees in kinesiology, exercise science, or other health- and fitness-related majors. If a student desires research training in
preparation for doctoral study, the Plan A and Plan B options will still be available within the exercise science specialization.

**Labor Market Demand**

A person with a professional degree in “Fitness Promotion” can work in a variety of positions and settings in which a specialist is needed to develop programs that combat cardiovascular and pulmonary diseases, metabolic disorders, and musculoskeletal problems. Employment opportunities are commonly found in fitness and wellness centers, hospitals and health care facilities, rehabilitation centers, senior centers, corporations and universities. A 2002 Bureau of Labor Statistics publication listed “employee wellness coordinator” among the new and emerging occupations. More recently, the Bureau predicted that job opportunities for fitness workers and cardiopulmonary rehabilitation specialists will increase by 24% and 29%, respectively, between 2010 and 2020, faster than the average for all occupations.

We have had great success with Plan C students finding employment in health fitness-related jobs. We do not anticipate anything different by offering the professional MFP degree.

**Student Demand**

The Plan C non-thesis option has been popular among many MS Health and Human Movement students who seek professional preparation rather than research preparation. We expect this to be the same for the MFP degree. Students have found excellent employment and practicum placements. The quality of the students who have applied for the Plan C are generally excellent, and we expect the MFP will also attract a high caliber of student.

**Similar Programs**

Utah Valley University does not currently offer a graduate degree in this field. Weber State University offers a MS degree in Athletic Training. This is a substantially different degree program than “Fitness Promotion.” In the Weber State program, students are trained to care for athletic injuries (e.g., “sports medicine”). Southern Utah University offers a Master of Sports Conditioning and Performance. The focus on this degree is the training of coaches for the purpose of improving sports performance. The University of Utah offers a MS non-thesis option titled “Coaching Wellness” which has a similar aim/objective and coursework to the proposed Master of Fitness Promotion.

**Collaboration with and Impact on Other USHE Institutions**

No collaboration is planned or needed with other institutions in the USHE system.

**Benefits**

This new degree will best meet the needs of students who seek graduate study in fitness promotion to prepare for a profession in the field but do not desire or need to pursue doctoral study for their career aspirations. The emphasis on fieldwork (practicum) and relevant coursework will create a stronger health-fitness workforce for the state of Utah and beyond. The faculty will benefit by working on their own research rather than mentoring novice researchers. In addition, the department will benefit by graduating students in a timely fashion rather than have students who are not interested in research struggle through a research project. The university will benefit by an increase in qualified applications to a professional degree program.
Consistency with Institutional Mission

The mission of Utah State University is to be one of the nation's premier student-centered land-grant and space-grant universities by fostering the principle that academics come first, by cultivating diversity of thought and culture, and by serving the public through learning, discovery, and engagement (http://www.usu.edu/president/missionstatement/). The offering of a master’s degree in Health Fitness is consistent with this mission by providing a high quality academic experience for the citizens of Utah and beyond.

Section IV: Program and Student Assessment

Program Assessment

The MFP program will strive to meet the highest possible professional and educational standards. The faculty meets regularly to access curriculum needs and possible changes. We also solicit input from fieldwork supervisors, employers, past graduates, current students, and faculty. Student application materials (e.g., MAT scores, GPA), student diversity, graduation rates, and application numbers will also be monitored.

Expected Standards of Performance

Students will be expected to maintain USU graduate school GPAs while in the MHF program. Students are expected to have excellent performance while enrolled in practicum hours. A post-practicum presentation is required and evaluated by a committee of MFP experts.

Section V: Finance

Budget

No additional budget is required or sought to provide the degree program.

Funding Sources

Existing resources within HPER, EEJCEHS and USU are sufficient to support the degree program.

Reallocation

No reallocation is required.

Impact on Existing Budgets

No impact on existing budgets is required.
Section VI: Program Curriculum

All Program Courses

The MFP curriculum includes:

A. Required Graduate Core (14 credits):
   PEP 6300 Seminar: Human Movement (1 credit)
   PEP 6400 Advanced Exercise Physiology (4 credits)
   PEP 6800 Advanced Biomechanics (3 credits)
   PEP 6810 Research Methods in Health Sciences (3 credits)
   EDUC/PSY 6600 Research Design and Analysis I (3 credits)

B. Required MFP Specialization (15 credits)
   PSY 6470 Graduate Seminar in Health Psychology (3 credits)
   PEP 6450 ECG Interpretation, Exercise Benefits & Prescription (3 credits)
   PEP 6540 Neuromuscular Adaptations (3 credits)
   PEP 6500 Practicum – on campus (2 credits)
   PEP 6500 Practicum – remote site (4 credits)

C. MFP Electives (11 credits)
   PEP 5100 Fitness Assessment & Exercise Programs (4 credits)
   HEP 6000 Evaluating Health-Promotion Programs (3 credits)
   HEP 6100 Current Trends in Health Promotion (3 credits)
   NDFS 6200 Nutritional Epidemiology (2 credits)
   NDFS 6210 Public Health Nutrition (2 credits)
   NDFS 3020 Nutrition & Physical Performance (2 credits)
   SOC 6460 Sociology of Health (3 credits)

New Courses to Be Added in the Next Five Years

No new courses are expected at this time.

Program Schedule

For the MFP degree, the following schedule is recommended:

Fall Semester Year One (Total Credits: 10 credits)
PEP 6300 Seminar: Human Movement (1 credit)
PEP 6400 Advanced Exercise Physiology (4 credits)
PEP 6810 Research Methods in Health Sciences (3 credits)
NDFS 6200 Nutritional Epidemiology (2 credits)

Spring Semester Year One (Total Credits: 11 credits)
PEP 6800 Advanced Biomechanics (3 credits)
EDUC/PSY 6600 Research Design and Analysis I (3 credits)
PEP 6450 ECG Interpretation, Exercise Benefits & Prescription (3 credits)
PEP 6500 Practicum – on campus (2 credits)
Fall Semester Year Two (Total Credits: 10 Credits)
PEP 6540 Neuromuscular Adaptations (3 credits)
PEP 5100 Fitness Assessment & Exercise Programs (4 credits)
SOC 6460 Sociology of Health (3 credits)

Spring Semester Year Two (Total Credits: 9 Credits)
PSY 6470 Graduate Seminar in Health Psych (3 credits)
NDFS 6210 Public Health Nutrition (2 credits)
PEP 6500 Practicum – remote site (4 credits)

(40 credits total)
Section VII: Faculty

Fitness Promotion Faculty:

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<tr>
<th>Name</th>
<th>Terminal Degree</th>
<th>Institution</th>
<th>Year Awarded</th>
<th>Subject of Degree</th>
<th>Years of Experience in Higher Education</th>
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<tr>
<td>Eadric Bressel</td>
<td>EdD</td>
<td>Northern Colorado University</td>
<td>1999</td>
<td>Exercise Science (Biomechanics)</td>
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<td>Dennis G. Dolny</td>
<td>PhD</td>
<td>Kent State University</td>
<td>1985</td>
<td>Exercise Science (Exercise Physiology)</td>
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<td>PhD</td>
<td>Purdue University</td>
<td>2008</td>
<td>Motor Control</td>
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<td>Assistant Professor</td>
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<tr>
<td>Richard Gordin</td>
<td>PhD</td>
<td>University of Utah</td>
<td>1981</td>
<td>Sport Psychology</td>
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<td>Edward M. Heath</td>
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<td>Oregon State University</td>
<td>1990</td>
<td>Exercise Science (Exercise Physiology)</td>
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<tr>
<td>Dale R. Wagner</td>
<td>PhD</td>
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<td>1997</td>
<td>Exercise Science (Exercise Physiology)</td>
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<td>Assoc. Professor</td>
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Request for Restructuring the PhD Program in the Department of Animal, Dairy and Veterinary Sciences

Executive Summary

The Department of Animal, Dairy and Veterinary Sciences requests restructuring the PhD program as detailed in the attached R401-Abbreviated Template. The purpose of the restructuring is to become more competitive in our doctoral program by reducing the number of credit hours for completion of the PhD degree to a level more consistent with that of other similar programs at many land grant universities.

Reducing the required number of credits from the current 90 credits for the BS to PhD to 72, and from 60 to 42 in the MS and DVM to PhD will allow us to maintain our currently rigorous standards while attaining or approaching the lower credit hour requirements of competing institutions. This approach will further assist ADVS in attracting the best doctoral students, thereby growing our graduate programs as specified in our 5-year graduate program plan. No additional instructional, administrative, or financial resources will be needed to implement the proposed restructuring.

___________________________
Kenneth L. White
Head
Institution Submitting Request: Utah State University
Proposed Title: PhD in Animal, Dairy and Veterinary Sciences (ADVS)
Currently Approved Title: PhD in Animal, Dairy and Veterinary Sciences (ADVS)
School or Division or Location: College of Agriculture
Department(s) or Area(s) Location: AGRS
Recommended Classification of Instructional Programs (CIP) Code¹ (for new programs): 01.09 (Animal Sciences)
Current Classification of Instructional Programs (CIP) Code (for existing programs): 01.09 (Animal Sciences)
Proposed Beginning Date (for new programs): 01/01/2112
Institutional Board of Trustees' Approval Date:
Proposal Type (check all that apply):

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<td>Reinstatement of Previously Suspended Unit</td>
<td>6.1.5</td>
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*Requires “Section VI: Program Curriculum” of Abbreviated Template

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

_________________________  Date:
Signature

Printed Name:

¹ CIP codes must be recommended by the submitting institution. For CIP code classifications, please see http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55.
Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: Agriculture

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Animal, Dairy and Veterinary Sciences (ADVS)

Program/Administrative Unit Title: Animal, Dairy and Veterinary Sciences (ADVS)

Recommended Classification of Instructional Programs (CIP) Code: 01.09 (Animal Sciences)

Certificate, and/or Degree(s) to Be Awarded: PhD in Animal, Dairy and Veterinary Sciences

Proposed Beginning Date: January 1, 2013 (spring semester)

Institutional Signatures (as appropriate):

Kenneth L. White, Department Head
Animal, Dairy and Veterinary Sciences

Noelle E. Cockett, Dean
College of Agriculture

Mark R. KcLellan, Vice President of Research and Dean of Graduate Studies

Date:
R401.5.1.5 Program Restructure
Utah State University
PhD in Animal, Dairy and Veterinary Sciences
07/02/2012

Section I: Request

The Department of Animal, Dairy and Veterinary Sciences (ADVS) requests to restructure its PhD program. For this degree program the current credit hour requirements are 90 for BS to PhD and 60 for MS to PhD for incoming students. ADVS proposes that the minimum credit hours be reduced to 72 credit hours for the BS to PhD, 42 for the MS to PhD, and 42 for the Doctor of Veterinary Medicine (DVM) to PhD. This is a reduction of 18 credit hours in each of the programs.

Section II: Need

Flexibility of curriculum and program design is at the core of the PhD programs offered by ADVS. The student and supervisory committee determine the type of courses required for the program of study. The PhD is awarded based upon a student's knowledge of study area, competency, skills, and cutting edge scholarly research in 1 of 4 specializations offered in ADVS (Animal Health and Disease, Animal Molecular Genetics, Animal Nutrition, and Reproduction and Development). Most PhD students in ADVS under the current program complete their degree within 5-6 years on a BS to PhD track and lessor time on an MS to PhD track. The DVM to PhD is a recent program resulting from the establishment of the USU School of Veterinary Medicine and average time to completion has not yet been determined. With the reduction in minimum credit hours to 42, it is anticipated that this degree program will take 2-3 years to complete. Assuming a full-time student takes a minimum of 6 credits per semester (F, S & Su) in a BS to PhD program, the proposed program of study could potentially be completed within 4-5 years instead of 5-6. The MS to PhD program with 42 credit hours could be completed in less than 3 years. Students that have earned the Doctor of Veterinary Medicine (DVM) would be required to take 42 credits hours instead of 60. The reduction in credit hours in the PhD programs would only affect the number of dissertation credit hours (ADVS 7970) and not the number of regular class course hours necessary to establish the student's competency in a specialization. The regular class course hours are determined by the student and supervisory committee and are based upon the student's knowledge and skill set incumbent upon the specialization. Therefore, it is unlikely that students in the same specialization would complete their program of study in the same amount of time. The proposed change will not hinder the academic rigor of the PhD program; however, it will require a very active role of the supervisory committee in mentoring the student, particularly in the research component of the PhD program. Fewer credit hours will be required for the MS to PhD and DVM to PhD and will require even greater oversight of the student's research activities. Students entering an MS or DVM to PhD program should be more mature, understand hypothesis-driven research, and have the skills for collecting, analyzing, and preparing manuscripts for publication. The MS and DVM to PhD of 42 course hours accelerates a student's completion of the PhD, particularly when a student continues the same specialization and at the same institution. Reducing the program credit hours puts the PhD student on a faster track, (in today's job market that often requires a post-doc experience to be competitive) and the reduction in minimum course hours will potentially shorten the time for entrance into a post-doc and/or profession field of work. The minimum number of credit hours required does not determine awarding a PhD; rather it is the mastery of knowledge of the selected specialization based upon written and oral examinations and the completion of body of original research via publications in peer-reviewed journals (typically, BS to PhD: 2-3 journal articles; and MS and DVM to PhD: 1-2).

Analysis of 21 other land grant universities (see Appendix) shows that 72 credits for a BS to PhD and MS and DVM to PhD of 42 credit hours in the Animal Sciences is a very reasonable expectation. Credit hours of the other land grant institutions had a mean value of 57.4 and a model value of 60. The Department of Biology at USU is in the process of restructuring two of its doctoral programs (Biology and Ecology) with a minimum 60 credit hours.
The minimum credit hours for the PhD as set forth in this proposal does not supersede the supervisory committee requiring a student to complete more than the minimum hours in his/her program of study.

**Section III: Institutional Impact**

ADVS anticipates the reduction of required credit hours toward the PhD will increase the ability to recruit and retain the best graduate students from around the country, because most competing programs at similar institutions of higher learning require fewer than 90 credits. ADVS expects that the recommended change will help the Department meet institutional goals as specified in their recently submitted 5-year Graduate Program Plan. The restructuring of the PhD will not affect existing administrative structures. ADVS does not anticipate any changes in faculty and staff to implement the proposed changes, although additional faculty and staff will be hired for the new USU School of Veterinary Medicine. Several of the new veterinary faculty will be directing graduate students and, therefore, will grow graduate student numbers in ADVS. Also the USU School of Veterinary Medicine will provide several new assistantships that will attract graduate students of the highest scholastic qualities.

**Section IV: Finances**

No additional costs are anticipated as a result of the proposed change. ADVS already receives more applications from qualified students than can be supported. By reducing the credits hours from 90 to 72 in the BS to PhD program and to 42 in the MS and DVM to PhD, ADVS will be able to grow the number of students in the graduate program by replacing students that cycle out more frequently with completed degree programs and by offering department assistantships on a more frequent basis.

**Appendix**

Other land grant institutions of Higher Education included in the analysis

Auburn  
Clemson  
Colorado State University  
Iowa State University  
Kansas State University  
Mississippi State University  
Montana State University  
New Mexico State University  
North Carolina State University  
Oregon State University  
Pennsylvania State University  
University of Alaska  
University of Arizona  
University of Idaho  
University of Massachusetts-Amherst  
University of Nevada-Reno  
University of Vermont  
University of Wyoming  
Virginia Tech  
Washington State University  
West Virginia University
The Applied Economics Department (APEC) requests restructuring the PhD program as detailed in the attached R401-Abbreviated Template. The purpose of the restructuring is to become more competitive in our doctoral program by reducing the number of credit hours for completion of the PhD degree to a level more consistent with that of our neighboring land-grant institutions with similar programs.

By reducing the required number of credits from the current 90 credits for the BS to PhD program to 70, and from the current 60 credits for the MS to PhD program to 50, APEC will be able to maintain our current rigorous standards while attaining or more closely approaching the current lower credit hour requirements of a number of peer institutions. This approach will further assist APEC in recruiting the best doctoral students and helping those students complete their degree in an expeditious manner. These were goals set forth in the 5-year Graduate Program Plan recently completed by APEC. No additional instructional, administrative, or financial resources will be needed to implement the proposed restructuring.

Dillon M. Feuz
Head
Section I: Request

The Department of Applied Economics requests to restructure its PhD program. For this degree program the current credit hour requirements are 90 for BS to PhD and 60 for MS to PhD for incoming students. APEC proposes that the minimum credit hours be reduced to 70 credit hours for the BS to PhD and to 50 for MS to PhD. This is a reduction of 20 credit hours from the BS to PhD and 10 credit hours from the MS to PhD, most of which were continuing graduate advising credits.

Section II: Need

The PhD in Economics in APEC is awarded based upon a student’s knowledge of core economic theory and econometric techniques. In addition, study area competency is determined and scholarly research is conducted in two of four specializations offered in APEC: advanced theory and econometrics; environmental and natural resource economics; agricultural economics; and community/economic development. In the past, many of our PhD students have taken 5 years or longer to complete the PhD program. It is anticipated that with the proposed change in credit hours, most students will complete the BS to PhD program in 4 years and the MS to PhD program in 3 years. This faster track to PhD completion will require greater oversight of the student’s research and assuring that students are completing all USU graduate forms in a timely manner. This increased and earlier supervision of students is in accordance with the 5-year Graduate Program Plan recently submitted by APEC. The awarding of a PhD is not based on the number of credits a student has taken; rather it is the mastery of knowledge that is determined by written and oral examinations and the completion of a body of original research (dissertation).

Analysis of four of our closest land grant institutions that offer a PhD in Economics, Table 1, indicates that 72 credits from BS to PhD is the norm. Three of the four institutions require 72 credits, while one of them requires 66 credits. It is less clear what each of these programs requires from the MS to PhD program, but it appears the 42 credits is the minimum, not shown in the table. It appears that there is some subjectivity in the credits counted for the MS program based on the courses completed for the MS degree. The ADVS department within the USU College of Agriculture is proposing to decrease the number of BS to PhD credits to 72 and the MS to PhD credits to 42.

Table 1. Credits Required by Neighboring Peer Land-Grant Universities for a PhD in Economic or Agricultural & Resource Economics from BS to PhD.

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<thead>
<tr>
<th>Institution</th>
<th>Degree</th>
<th>Credits Required</th>
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<tbody>
<tr>
<td>University of Arizona</td>
<td>PhD Economics; PhD Agricultural &amp; Resource Economics</td>
<td>66</td>
</tr>
<tr>
<td>Colorado State University</td>
<td>PhD Economics; PhD Agricultural &amp; Resource Economics</td>
<td>72</td>
</tr>
<tr>
<td>Washington State University</td>
<td>PhD Economics; PhD Agricultural Economics</td>
<td>72</td>
</tr>
<tr>
<td>University of Wyoming</td>
<td>PhD Economics</td>
<td>72</td>
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</tbody>
</table>

Section III: Institutional Impact

APEC anticipates the reduction of required credit hours to obtain a PhD in Economics will increase our ability to recruit and retain the best students from around the country because most competing programs at similar land-grant institutions in the region also require fewer than 90 credits. This change will also help APEC meet the goals of the
recently submitted 5-year Graduate Program Plan. The change will not affect existing administrative structure. APEC does not expect any changes in faculty and staff to implement the proposed changes.

Section IV: Finances

No additional costs are anticipated as a result of the proposed change. APEC receives more qualified applications for the PhD than can be accepted in any given time frame. By reducing the credits from 90 to 70 for the BS to PhD program and from 60 to 50 for the MS to PhD program, APEC may be able to increase the number of funded graduate students as students should be able to finish their degree quicker and require a reduced amount of tuition award dollars.
Cover/Signature Page - Abbreviated Template

Institution Submitting Request:  Utah State University  
Proposed Title:  PhD in Economics  
Currently Approved Title:  PhD in Economics  
School or Division or Location:  College of Agriculture  
Department(s) or Area(s) Location:  Applied Economics  
Recommended Classification of Instructional Programs (CIP) Code¹ (for new programs):  00.0000  
Current Classification of Instructional Programs (CIP) Code (for existing programs):  45.0601  
Proposed Beginning Date (for new programs):  01/01/2013  
Institutional Board of Trustees' Approval Date:  

Proposal Type (check all that apply):  

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*Requires “Section VI: Program Curriculum” of Abbreviated Template

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

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Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: Agriculture

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Applied Economics

Program/Administrative Unit Title: Applied Economics (APEC)

Recommended Classification of Instructional Programs (CIP) Code: 45.0601

Certificate, and/or Degree(s) to Be Awarded: PhD in Economics

Proposed Beginning Date: January 1, 2013

Institutional Signatures (as appropriate):

Dillon M. Feuz, Head
Applied Economics

Noelle E. Cockett, Dean
College of Agriculture

Mark R. McLellan, V.P. of Research
Graduate School Dean

Date:
Institution Submitting Request: Utah State University
Proposed Title: PhD in Biological Engineering (no change from current title)
Currently Approved Title: PhD in Biological Engineering
School or Division or Location: College of Engineering
Department(s) or Area(s) Location: Department of Biological Engineering
Recommended Classification of Instructional Programs (CIP) Code¹ (for new programs): 14.4501 (no change from current classification)
Current Classification of Instructional Programs (CIP) Code (for existing programs): 14.4501
Proposed Beginning Date (for new programs): 08/27/12
Institutional Board of Trustees’ Approval Date:
Proposal Type (check all that apply):

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*Requires “Section VI: Program Curriculum” of Abbreviated Template

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Signature __________________________________________________________________________
Date: MM/DD/YEAR

Printed Name: Name of CAO or Designee

¹ CIP codes must be recommended by the submitting institution. For CIP code classifications, please see http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55.
Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: College of Engineering

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Department of Biological Engineering

Program/Administrative Unit Title: PhD in Biological Engineering

Recommended Classification of Instructional Programs (CIP) Code: 14.4501

Certificate, and/or Degree(s) to Be Awarded: Doctor of Philosophy in Biological Engineering

Proposed Beginning Date: 08/27/12

Institutional Signatures (as appropriate):

Ronald C. Sims, PhD
Department Chair

H. Scott Hinton, Dean of College of Engineering
Dean or Division Chair

Career and Technical Education Director

Graduate School Dean

Council on Teacher Education

Date:
The Department of Biological Engineering requests a reduction in the number of credits required for the doctoral degree in Biological Engineering. The current requirements are 90 credits for the students who enter with the BS degree, and 60 credits for those with an MS. We propose to reduce the required credits for the students who enter with a BS degree to 60 credits, and the students entering with MS to 36 credits.

Section II: Need

This credit requirement reduction is needed to make our Biological Engineering program competitive with other domestic institutions offering doctoral degrees in the field of biological engineering. A survey of credit requirements at 10 other domestic universities offering similar degrees in biological engineering shows an average of 60.5 credits for the PhD. The range of credit requirements of surveyed institutions (converted to semester credits when needed using a conversion rate of .6667) is 45 to 90 credits. Among the programs surveyed, only Virginia Tech has a requirement of 90 credits for the PhD from a BS degree. Interestingly, VT is also undergoing a program restructuring at this time to reduce their credit requirement to be more in line and competitive with other institutions. Therefore, 60 credits for the PhD in Biological Engineering at Utah State University is reasonable and consistent with other institutions offering biological engineering.

<table>
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<tr>
<th>Surveyed Institutions offering doctoral degrees in biological engineering</th>
<th>Doctoral Credit Hours</th>
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<tr>
<td>University of Washington</td>
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<td>University of California San Diego</td>
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<td>University of California Berkeley</td>
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<tr>
<td>University of California Davis</td>
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</tr>
<tr>
<td>Virginia Tech</td>
<td>90</td>
</tr>
<tr>
<td>Auburn University</td>
<td>60</td>
</tr>
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<td>Iowa State University</td>
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<td>Massachusetts Institute of Technology</td>
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<tr>
<td>Penn State</td>
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<tr>
<td>Mississippi State University</td>
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The coursework for the PhD degree in Biological Engineering consists of core courses determined by the student’s major professor and the Biological Engineering Graduate Committee after analysis of each student’s previous transcripts and research experience. The core courses are chosen to round out the individual student’s advanced biological engineering education and to support their chosen research area. The remaining credits on the Programs of Study are dissertation research credits.

The Biological Engineering Department Graduate Committee in Fall 2011 approved the core graduate curriculum. The reduction in credit requirements that we are currently requesting through this Abbreviated R401 process will have no impact on the Biological Engineering approved core curriculum coursework. Students will register for fewer dissertation research credits. This will in no way impact the amount or quality of a student’s research. Awarding the doctoral degree is not based on completion of a set number of credits. It is based on demonstrated subject mastery through written and oral examinations, the completion of a body of original research, and the requirement of a first-author, peer-reviewed publication.
It is expected that students entering the PhD program in Biological Engineering after completing the MS degree will have already taken many of the core courses, and therefore their research credit hours will be increased accordingly.

Current and proposed credit guidelines for the PhD in Biological Engineering:

<table>
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<tr>
<th>Prior Credit Hour Requirements</th>
<th>Approved Fall 2011 New Graduate Curriculum Credit Hours per BE Grad Committee</th>
<th>Proposed Credit Hour Reduction per Abbreviated R401</th>
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<tr>
<td>Total Credits</td>
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</table>

Section III: Institutional Impact

There will be no change to administrative structures. There will be no change in faculty or staff requirements. The academic requirements of this doctoral program will not be affected or changed.

Reducing our credit requirements for the PhD degree in Biological Engineering will aid our recruiting efforts and allow us to attract outstanding students. The reduction in credit requirements will support our strategic plans for increasing our doctoral student enrollment.

Section IV: Finances

There is no financial impact in the reduction of our credit requirements.
Institution Submitting Request: Utah State University
Proposed Title: PhD in Ecology (no change from current title)
Currently Approved Title: PhD in Ecology
School or Division or Location: College of Natural Resources
Department(s) or Area(s) Location: Department of Environment and Society
Recommended Classification of Instructional Programs (CIP) Code¹ (for new programs): 26.1301
Current Classification of Instructional Programs (CIP) Code (for existing programs): 26.1301
Proposed Beginning Date (for new programs): 08/26/13
Institutional Board of Trustees’ Approval Date:

Proposal Type (check all that apply):

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<td>Items submitted will be reviewed by OCHE. If there are any issues, the proposal will be returned for clarification/correction. If no issues, the proposal will be returned with a note of approval and the request will be placed on the General Consent Calendar of the next Regents’ agenda.</td>
<td>Items submitted will be reviewed by OCHE. If there are any issues, the proposal will be returned for clarification/correction. If no issues, the proposal will be returned with a note of approval and the request will be placed on the General Consent Calendar of the next Regents’ agenda.</td>
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<tr>
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<td>Program Restructure</td>
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<td>Program Consolidation</td>
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<td>5.1.8</td>
<td>New Institute</td>
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<tr>
<td>5.1.9</td>
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*Requires “Section VI: Program Curriculum” of Abbreviated Template

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

__________________________________________  ____________________________________________
Signature  Date: MM/DD/YEAR

Printed Name:

¹ CIP codes must be recommended by the submitting institution. For CIP code classifications, please see http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55.
Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: College of Natural Resources

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Environment and Society

Program/Administrative Unit Title: Environment and Society

Recommended Classification of Instructional Programs (CIP) Code: 26.1301

Certificate, and/or Degree(s) to Be Awarded: PhD in Ecology

Proposed Beginning Date: August 26, 2013 (fall semester)

Institutional Signatures:

Mark Brunson, Department Head
Environment and Society

Chris Luecke, Interim Dean,
College of Natural Resources

Mark R. McClellan, Vice President for Research
And Dean of Graduate Studies

Date: August 18, 2012
Program Request - Abbreviated Template
Utah State University
PhD in Ecology
08/17/2012

Section I: Request

The Department of Environment and Society proposes to restructure its PhD degree in Ecology. The current credit hour requirements are 60 credits for students entering with an MS degree and 90 credits for students without a MS degree. We propose reducing the required credit hours for both tracks by 30 credits, to 60 credits for students who enter with a BS and to 30 credits for students with an MS.

Section II: Need

This change is requested to provide more flexibility for students and supervisory committees, and to maintain competitiveness with other Ecology programs within Utah State University as well as other universities. While many students may need to complete 60 credits or more beyond a Master's degree before they are ready to earn the doctorate, others may find they are enrolling in unnecessary coursework or dissertation credits simply to reach the 60-credit threshold. We will stress that a shift to 30 semester-hours with MS, 60 without, is a minimum threshold but the decision about necessary coursework should rest largely with the supervisory committee, which is best-equipped to determine what an individual student needs to do to prepare for a doctorate in his/her specific subfield of ecology.

The Ecology degree at USU is unique in that it is offered by multiple departments across three departments. We believe it is important at the very least for the Ecology doctorate offered by Environment & Society to be aligned in its requirements with the programs in our College of Natural Resources sister departments, Watershed Science and Wildland Resources. Looking more broadly at competing programs across the nation, our requirement of 90 credits beyond the Bachelor's degree is larger than that of most Land Grant universities. Analysis in Spring 2012 found that more than half of 21 peer universities require 60 credits or fewer for students without a Master's degree, and only 2 required as many as 90 credits. We believe reducing our credit requirement will enhance recruitment into the degree.

Section III: Institutional Impact

We do not anticipate a negative impact on this institution. On the contrary, we expect that the proposed change can result in increased interest in this degree. The proposed change will not affect our administrative structures, faculty or staff demands, or academic requirements for the program.

Section IV: Finances

No additional costs or savings are anticipated as a result of this change. Currently more students are interested in this program than the department can support. If students are able to complete their degrees more quickly we may eventually be able to accept and graduate more students than we do currently.

Section V: Program Curriculum

Not applicable for this category of request.
Institution Submitting Request: Utah State University
Proposed Title: PhD in Ecology (no change from current title)
Currently Approved Title: PhD in Ecology
School or Division or Location: College of Natural Resources
Department(s) or Area(s) Location: Department of Watershed Sciences
Recommended Classification of Instructional Programs (CIP) Code 1 (for new programs): 26.1301
Current Classification of Instructional Programs (CIP) Code (for existing programs): 26.1301
Proposed Beginning Date (for new programs): 08/26/13
Institutional Board of Trustees’ Approval Date:

Proposal Type (check all that apply):

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<th>Section #</th>
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<td>Graduate Certificate</td>
<td>6.1.16</td>
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</table>

*Requires “Section VI: Program Curriculum” of Abbreviated Template

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Signature: ___________________________  Date: ___________________________

Printed Name: ___________________________

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Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: College of Natural Resources

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Watershed Science

Program/Administrative Unit Title: Watershed Science

Recommended Classification of Instructional Programs (CIP) Code: 26.1301

Certificate, and/or Degree(s) to Be Awarded: PhD in Ecology

Proposed Beginning Date: August 26, 2013 (fall semester)

Institutional Signatures (as appropriate):

Charles Hawkins, Interim Department Head
Watershed Sciences

Chris Luecke, Interim Dean,
College of Natural Resources

Mark R. McClellan, Vice President for Research
And Dean of Graduate Studies
Date: August 18, 2012
Section I: Request

The Department of Watershed Sciences proposes to restructure its PhD degree in Ecology. The current minimum credit hour requirements are 60 credits for students entering with an MS degree and 90 credits for students without a MS degree. We propose reducing the required minimum credit hours for both tracks by 30 credits, to 60 credits for students who enter with a BS and to 30 credits for students with an MS.

Section II: Need

We are proposing these minimum credit changes in the Ecology degree to make the Department of Watershed Sciences more competitive in recruiting Ecology PhD students. Review of the credit requirements for PhD degrees at 18 comparable institutions revealed showed that our current requirements of 90 credits beyond the BS are higher than all of these universities (range = 12-78 semester credits, see Table). The University of Utah has the only other PhD program in ecology (Ecology, Evolution and Organismal Biology) in Utah. They require completion of 54 credits whether or not the student has a Masters degree. Our proposed changes will result in our credit requirements being very similar to the mean number of credits required by the 18 universities we surveyed (53 credits beyond the BS and 38 credits for students with a MS degree). These proposed changes will not affect the rigor of our PhD degree nor will it affect the core courses required for PhD students. The result of these proposed changes will be that students will sign up for fewer dissertation or continuing advisement credits while still completing all the required coursework for the degree.

Comparison of minimum credit requirements for PhD degrees in Ecology at 18 institutions of similar or higher quality as USU.

<table>
<thead>
<tr>
<th>University</th>
<th>Total Credits (w/BS)</th>
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<th>Course Credits</th>
<th>Research Credits</th>
<th>Notes</th>
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<tr>
<td>U of Washington</td>
<td>60</td>
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<td>12</td>
<td>18</td>
<td>Converted to semester hours. Quarter Hours; 30 MS credits can be transferred to 90-credit requirement.</td>
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<td>UC Davis</td>
<td>32</td>
<td>32</td>
<td>27-32</td>
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<tr>
<td>UC Berkeley</td>
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<td>11</td>
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</tr>
<tr>
<td>UC Merced</td>
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<td>Additional credits beyond 12-credit minimum may be required.</td>
</tr>
<tr>
<td>U of Idaho</td>
<td>78</td>
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<td>Montana State</td>
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<td>30 (see notes)</td>
<td>42</td>
<td>18-28</td>
<td>30 MS credits can be transferred to 60-credit requirement.</td>
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<tr>
<td>U of Montana</td>
<td>60</td>
<td>30 (see notes)</td>
<td>40</td>
<td>Not noted</td>
<td>30 MS credits can be transferred to 60-credit requirement.</td>
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<tr>
<td>U of Nevada, Reno</td>
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<td>48 (see notes)</td>
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<td>Not noted</td>
<td>24 MS credits can be transferred to 72-credit requirement.</td>
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<tr>
<td>U of Arizona</td>
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<td>36</td>
<td>18</td>
<td>9-credit minor required; Transfer credits accepted.</td>
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<td>30 MS credits can be transferred to 72-credit requirement.</td>
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<td>Min</td>
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<td>Mean</td>
<td>53</td>
<td>31</td>
<td>24</td>
<td></td>
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</tr>
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</table>

**Section III: Institutional Impact**

The proposed program restructure should result in an increase in applications to the Watershed Sciences Department's PhD program in Ecology. This change should not affect our administrative structures, nor will it change faculty or staff requirements, or required facilities. The required coursework will not change, and the academic requirements of the doctoral program will not be affected or changed.

**Section IV: Finances**

No additional costs are anticipated as a result of this change. More qualified students are interested in this program than the department can currently support. We may be able to accept more students over time if this change results in students completing their degrees more quickly.

**Section V: Program Curriculum –NA**

***THIS SECTION OF THE ABBREVIATED TEMPLATE REQUIRED FOR EMPHASES AND MINORS ONLY.***
Institution Submitting Request: Utah State University
Proposed Title: PhD in Watershed Science (no change from current title)
Currently Approved Title: PhD in Watershed Science
School or Division or Location: College of Natural Resources
Department(s) or Area(s) Location: Department of Watershed Sciences
Recommended Classification of Instructional Programs (CIP) Code1 (for new programs): 40.0605
Current Classification of Instructional Programs (CIP) Code (for existing programs): 40.0605
Proposed Beginning Date (for new programs): 08/26/13
Institutional Board of Trustees’ Approval Date:

Proposal Type (check all that apply):

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<td>4.1.5.2</td>
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<td>1  Reinstatement of Previously Suspended Program</td>
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<td>1  Reinstatement of Previously Suspended Unit</td>
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<tr>
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Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

______________________________________
Signature

______________________________________
Date:

Printed Name:

1 CIP codes must be recommended by the submitting institution. For CIP code classifications, please see http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55.
Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: College of Natural Resources

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Watershed Science

Program/Administrative Unit Title: Watershed Science

Recommended Classification of Instructional Programs (CIP) Code: 40.0605

Certificate, and/or Degree(s) to Be Awarded: PhD in Watershed Science

Proposed Beginning Date: August 26, 2013 (fall semester)

Institutional Signatures (as appropriate):

Charles Hawkins, Interim Department Head
Watershed Sciences

Chris Luecke, Interim Dean,
College of Natural Resources

Mark R. McClellan, Vice President for Research
And Dean of Graduate Studies

Date: August 18, 2012
Section I: Request

The Department of Watershed Sciences proposes to restructure its PhD degree in Watershed Science. The current minimum credit hour requirements are 60 credits for students entering with an MS degree and 90 credits for students without a MS degree. We propose reducing the required credit hours for both tracks by 30 credits, to 60 credits for students who enter with a BS and to 30 credits for students with an MS.

Section II: Need

We are proposing these minimum credit changes in the Watershed Science degree to make the Department of Watershed Sciences more competitive in recruiting PhD students. Review of the credit requirements for PhD degrees at 12 comparable institutions revealed showed that our current requirements of 90 credits beyond the BS are higher than all but one of these universities (range = 12-96 semester credits, see Table). There are no comparable PhD degrees in interdisciplinary water sciences at Utah institutions of higher education. Our proposed changes will result in our credit requirements being very similar to the mean number of credits required by the 12 universities we surveyed (63 credits beyond the BS and 49 credits for students with a MS degree). These proposed changes will not affect the rigor of our PhD degree nor will it affect the core courses required for PhD students. The result of these proposed changes will be that students will sign up for fewer dissertation or continuing advisement credits while still completing all the required coursework for the degree.

<table>
<thead>
<tr>
<th>University</th>
<th>Total Credits (w/BS)</th>
<th>Total Credits (w/MS)</th>
<th>Min. Course Credits</th>
<th>Research Credits</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Oregon State</td>
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<td>72</td>
<td>50</td>
<td>24</td>
<td>Converted to semester hours. Unlimited transfer credits. 36 credits must be taken at OSU.</td>
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<td>UC Davis</td>
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<td>13-17</td>
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<td>UC Merced</td>
<td>12</td>
<td>12</td>
<td>Not noted</td>
<td>Not noted</td>
<td>Additional credits beyond 12-credit minimum may be required.</td>
</tr>
<tr>
<td>U of Idaho</td>
<td>78</td>
<td>Not noted</td>
<td>Not noted</td>
<td>Not noted</td>
<td>MS credits can count toward 72-credit requirement.</td>
</tr>
<tr>
<td>U of Nevada, Reno</td>
<td>72</td>
<td>(See notes)</td>
<td>Not noted</td>
<td>Not noted</td>
<td>MS credits can count toward 72-credit requirement.</td>
</tr>
<tr>
<td>U of Arizona</td>
<td>63</td>
<td>Not noted</td>
<td>36</td>
<td>18</td>
<td>9-credit minor required; Transfer credits accepted.</td>
</tr>
<tr>
<td>Colorado State (Ft. Collins)</td>
<td>72</td>
<td>42 (see notes)</td>
<td>Not noted</td>
<td>Not noted</td>
<td>30 MS credits can be transferred to 72-credit requirement.</td>
</tr>
<tr>
<td>U of Wyoming</td>
<td>72</td>
<td>See notes</td>
<td>42</td>
<td>Not noted</td>
<td>&quot;Many credit hours from your MS can count toward this requirement.&quot;</td>
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<tr>
<td>U of Minnesota</td>
<td>40</td>
<td>40 (see notes)</td>
<td>Not noted</td>
<td>24</td>
<td>&quot;Relevant course credits from a master’s degree program are included in the 40-credit minimum.&quot;</td>
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<td>U of Wisconsin</td>
<td>54</td>
<td>30 (see notes)</td>
<td>18</td>
<td>9</td>
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</tr>
</tbody>
</table>
Section III: Institutional Impact

The proposed program restructure should result in an increase in applications to the Watershed Sciences Department's PhD program in Watershed Science. This change should not affect our administrative structures, nor will it change faculty or staff requirements, or required facilities. The required coursework will not change, and the academic requirements of the doctoral program will not be affected or changed.

Section IV: Finances

No additional costs are anticipated as a result of this change. More qualified students are interested in this program than the department can currently support. We may be able to accept more students over time if this change results in students completing their degrees more quickly.

Section V: Program Curriculum – NA

***THIS SECTION OF THE ABBREVIATED TEMPLATE REQUIRED FOR EMPHASES AND MINORS ONLY.***
Cover/Signature Page - Abbreviated Template

Institution Submitting Request: Utah State University
Proposed Title: PhD in Ecology (no change from current title)
Currently Approved Title: PhD in Ecology
School or Division or Location: College of Natural Resources
Department(s) or Area(s) Location: Department of Wildland Resources
Recommended Classification of Instructional Programs (CIP) Code1 (for new programs): 26.1301
Current Classification of Instructional Programs (CIP) Code (for existing programs): 26.1301
Proposed Beginning Date (for new programs): 08/26/13
Institutional Board of Trustees’ Approval Date:

Proposal Type (check all that apply):

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<th>Item</th>
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<td>4.1.5.2</td>
<td>Minor*</td>
</tr>
<tr>
<td>4.1.6</td>
<td>Certificate of Proficiency Not Eligible for Financial Aid</td>
</tr>
<tr>
<td>5.1.1</td>
<td>New Emphasis on an Existing Degree*</td>
</tr>
<tr>
<td>5.1.2</td>
<td>Out-of-Service Area Delivery of Programs</td>
</tr>
<tr>
<td>5.1.3</td>
<td>Name Change of Existing Programs</td>
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<td>5.1.9</td>
<td>Administrative Unit Transfer</td>
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<td>5.1.10</td>
<td>Administrative Unit Consolidation</td>
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<td>New Center</td>
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<td>5.1.12</td>
<td>New Institute</td>
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<td>5.1.13</td>
<td>New Bureau</td>
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</tbody>
</table>

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<tbody>
<tr>
<td>6.1.1</td>
<td>Reinstatement ofPreviously Suspended Program</td>
</tr>
<tr>
<td>6.1.5</td>
<td>Reinstatement ofPreviously Suspended Unit</td>
</tr>
</tbody>
</table>

1 CIP codes must be recommended by the submitting institution. For CIP code classifications, please see http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55.

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Signature: __________________________ Date: MM/DD/YEAR

Printed Name: __________________________
Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: College of Natural Resources

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Wildland Resources

Program/Administrative Unit Title: Wildland Resources

Recommended Classification of Instructional Programs (CIP) Code: 26.1301

Certificate, and/or Degree(s) to Be Awarded: PhD in Ecology

Proposed Beginning Date: August 26, 2013 (fall semester)

Institutional Signatures (as appropriate):

Michael R. Kuhns, Interim Department Head
Wildland Resources

Chris Luecke, Interim Dean,
College of Natural Resources

Mark R. McClellan, Vice President for Research
and Dean of Graduate Studies

Date: August 17, 2012
Section I: Request

The Department of Wildland Resources proposes to restructure its PhD in Ecology. The current credit hour requirements are 60 credits for students entering with an MS degree and 90 credits for students without an MS degree. We propose reducing the required credit hours for both tracks by 30 credits, to 60 credits for students who enter with a BS and to 30 credits for students with an MS.

Section II: Need

This restructure is necessary to make the Department of Wildland Resources more competitive in recruiting Ecology PhD students. Most institutions require fewer credit hours for a PhD in ecology than the 90 beyond the bachelors that USU requires (see table below). The University of Utah has the only other PhD program in ecology (Ecology, Evolution and Organismal Biology) in Utah. They require completion of at least three full years (six semesters) at 9 credits a semester for a total of at least 54 credits beyond the BS, whether or not the student has a masters degree. Our proposed change will not affect the rigor of the Ecology PhD program. Additionally, it will not affect the core courses required for the PhD students, nor will it affect the effort required for their PhD dissertation projects. As a result of this proposed change, the students will be signing up for fewer dissertation or continuing advisement credits while still completing all the required coursework for the degree.

<table>
<thead>
<tr>
<th>University w/ Ecology PhD</th>
<th>Total Credits for PhD w/BS</th>
<th>Total Credits for PhD w/MS</th>
<th>Notes</th>
</tr>
</thead>
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<tr>
<td>U. of Washington</td>
<td>60</td>
<td>40</td>
<td>Converted to semester hours from quarter hours</td>
</tr>
<tr>
<td>UC Davis</td>
<td>32</td>
<td>32</td>
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<tr>
<td>U. of Idaho</td>
<td>78</td>
<td>Not noted</td>
<td></td>
</tr>
<tr>
<td>Montana State</td>
<td>60</td>
<td>30</td>
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</tr>
<tr>
<td>U. of Montana</td>
<td>60</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>U. of Nevada, Reno</td>
<td>72</td>
<td>48</td>
<td></td>
</tr>
<tr>
<td>U. of Arizona</td>
<td>63</td>
<td>Not noted</td>
<td></td>
</tr>
<tr>
<td>Colorado State</td>
<td>72</td>
<td>42</td>
<td></td>
</tr>
<tr>
<td>U. of Wyoming</td>
<td>72</td>
<td>See notes</td>
<td>&quot;Many credit hours from your MS can count toward this requirement.&quot;</td>
</tr>
<tr>
<td>Iowa State</td>
<td>72</td>
<td>Not noted</td>
<td></td>
</tr>
<tr>
<td>Penn State</td>
<td>30</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>U. of Vermont</td>
<td>75</td>
<td>75</td>
<td>MS required to work on PhD</td>
</tr>
<tr>
<td>U. of Utah</td>
<td>54</td>
<td>54</td>
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</tr>
</tbody>
</table>
Section III: Institutional Impact

The proposed program restructure may result in an increase in applications to the Wildland Resources Department's PhD program in Ecology. This change should not affect our administrative structures, nor will it change faculty or staff requirements, or required facilities. The required coursework will not change, and the academic requirements of the doctoral program will not be affected or changed.

Section IV: Finances

No additional costs are anticipated as a result of this change. More qualified students are interested in this program than the department can currently support. We may be able to accept more students over time if this change results in students completing their degrees more quickly.

Section V: Program Curriculum –NA

***THIS SECTION OF THE ABBREVIATED TEMPLATE REQUIRED FOR EMPHASES AND MINORS ONLY.***
Institution Submitting Request: Utah State University
Proposed Title: MS and PhD in Forestry – Drop Specializations in Forest Biology and in Forest Economics and Policy
Currently Approved Title: MS and PhD in Forestry
School or Division or Location: College of Natural Resources
Department(s) or Area(s) Location: Department of Wildland Resources

Recommended Classification of Instructional Programs (CIP) Code\(^1\) (for new programs): 26.1301
Current Classification of Instructional Programs (CIP) Code (for existing programs): 26.1301
Proposed Beginning Date (for new programs): 08/26/13
Institutional Board of Trustees’ Approval Date:

Proposal Type (check all that apply):

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<td>4.1.5.2</td>
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<td>Reinstatement of Previously Suspended Program</td>
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<tr>
<td>5.1.1.1</td>
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<td>6.1.5</td>
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<tr>
<td>5.1.2</td>
<td>Certificate of Proficiency Not Eligible for Financial Aid</td>
<td></td>
<td></td>
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<td>Out-of-Service Area Delivery of Programs</td>
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<td>5.1.4</td>
<td>Name Change of Existing Programs</td>
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<td>Program Consolidation</td>
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<td>Program Suspension</td>
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<td>5.1.7</td>
<td>Administrative Unit Creation</td>
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<td>Administrative Unit Transfer</td>
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<td></td>
<td>Administrative Unit Consolidation</td>
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<tr>
<td>5.1.8</td>
<td>New Center</td>
<td></td>
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<td></td>
<td>New Institute</td>
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<td></td>
<td>New Bureau</td>
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<td></td>
</tr>
<tr>
<td>5.1.9</td>
<td>Graduate Certificate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Signature ___________________________ Date: MM/DD/YEAR

Printed Name: ___________________________
Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: College of Natural Resources

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Wildland Resources

Program/Administrative Unit Title: Wildland Resources

Recommended Classification of Instructional Programs (CIP) Code: 26.1301

Certificate, and/or Degree(s) to Be Awarded: MS and PhD in Forestry – Drop Specializations in Forest Biology and in Forest Economics and Policy

Proposed Beginning Date: August 26, 2013 (fall semester)

Institutional Signatures (as appropriate):

Michael R. Kuhns, Interim Department Head
Wildland Resources

Chris Luecke, Interim Dean,
College of Natural Resources

Mark R. McClellan, Vice President for Research
and Dean of Graduate Studies

Date: September 5, 2012
Program Request - Abbreviated Template  
Utah State University  
MS and PhD in Forestry  
09/05/2012

Section I: Request

The Department of Wildland Resources proposes to restructure its MS and PhD in Forestry by dropping the existing specializations in Forest Biology and in Forest Economics and Policy.

Section II: Need

This restructure is necessary to allow the Department of Wildland Resources to drop specializations that are redundant or are not used by Forestry MS and PhD students and faculty in the department. Forestry graduate students are who are interested in forest biology are getting Ecology MS and PhD degrees with a focus on Forest Ecology (an R401-5 has been filed that will recognize this focus by creating a specialization in forest ecology within our Ecology MS and PhD degrees). Forest economics and policy is not an area of emphasis in the Wildland Resources Department – we have no faculty in these areas in our department. Therefore we propose to drop the Forest Economics and Policy specialization because it is not used. Our proposed change will not affect the rigor of the Forestry MS or PhD programs or the courses taken. It will simplify our program marketing by dropping a specialization that is not used (Forest Biology), and will clarify our program marketing by dropping a specialization that is not available (Forest Economics and Policy).

Section III: Institutional Impact

The proposed program restructure will simplify and clarify the Wildland Resources Department's MS and PhD program in Forestry. This change will not affect our administrative structures, nor will it change faculty or staff requirements, or required facilities. The required coursework will not change, and the academic requirements of the masters and doctoral program will not be affected or changed.

Section IV: Finances

No additional costs are anticipated as a result of this change.

Section V: Program Curriculum –NA

***THIS SECTION OF THE ABBREVIATED TEMPLATE REQUIRED FOR EMPHASES AND MINORS ONLY.***
Institution Submitting Request: Utah State University
Proposed Title: MS and PhD in Range Science – Drop Specializations in Game-Range Management, International Range Management, Range Rehabilitation, and Range Resource Economics
Currently Approved Title: MS and PhD in Range Science
School or Division or Location: College of Natural Resources
Department(s) or Area(s) Location: Department of Wildland Resources
Recommended Classification of Instructional Programs (CIP) Code¹ (for new programs): 26.1301
Current Classification of Instructional Programs (CIP) Code (for existing programs): 26.1301
Proposed Beginning Date (for new programs): 08/26/13
Institutional Board of Trustees’ Approval Date:

Proposal Type (check all that apply):

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</tr>
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<tbody>
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<td>Reinstatement of Previously Suspended Program</td>
</tr>
<tr>
<td>5.1.1.1</td>
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<td>6.1.5</td>
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<td></td>
<td></td>
</tr>
<tr>
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<td>Out-of-Service Area Delivery of Programs</td>
<td></td>
<td></td>
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<td>Name Change of Existing Programs</td>
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<td>Program Restructure</td>
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<td></td>
</tr>
<tr>
<td>5.1.9</td>
<td>Graduate Certificate</td>
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<td></td>
</tr>
</tbody>
</table>

*Requires “Section VI: Program Curriculum” of Abbreviated Template

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Signature
Date: MM/DD/YEAR

Printed Name:

¹ CIP codes must be recommended by the submitting institution. For CIP code classifications, please see http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55.
Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: College of Natural Resources

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Wildland Resources

Program/Administrative Unit Title: Wildland Resources

Recommended Classification of Instructional Programs (CIP) Code: 26.1301

Certificate, and/or Degree(s) to Be Awarded: MS and PhD in Range Science – Drop Specializations in Game-Range Management, International Range Management, Range Rehabilitation, and Range Resource Economics

Proposed Beginning Date: August 26, 2013 (fall semester)

Institutional Signatures (as appropriate):

Michael R. Kuhns, Interim Department Head
Wildland Resources

Chris Luecke, Interim Dean,
College of Natural Resources

Mark R. McClellan, Vice President for Research and Dean of Graduate Studies

Date: September 5, 2012
Section I: Request

The Department of Wildland Resources proposes to restructure its MS and PhD in Range Science by dropping the existing specializations in Game-Range Management, International Range Management, Range Rehabilitation, and Range Resource Economics.

Section II: Need

This restructure is necessary to allow the Department of Wildland Resources to drop specializations that are not used by Range Science MS and PhD students and faculty in the department. These specializations reflect subject areas that are no longer available in the department (Range Resources Economics), are handled under the department's Ecology MS and PhD degrees (Range Rehabilitation), or just do not reflect how we organize or describe our programs, and therefore are not used by anyone (Game-Range Management and International Range Management). An R401-5 has been filed that will make a Range Ecology specialization available within our Ecology MS and PhD degrees, which will make it easier to highlight a range focus within our MS and PhD degrees in Ecology. The proposed change will not affect the rigor of the Range Science MS or PhD programs or the courses taken. It will simplify our program marketing by dropping specializations that are not used (Game-Range Management and International Range Management), and will clarify our program marketing by dropping a specialization that is not available (Range Resources Economics).

Section III: Institutional Impact

The proposed program restructure will simplify and clarify the Wildland Resources Department's MS and PhD program in Range Science. This change will not affect our administrative structures, nor will it change faculty or staff requirements, or required facilities. The required coursework will not change, and the academic requirements of the masters and doctoral program will not be affected or changed.

Section IV: Finances

No additional costs are anticipated as a result of this change.

Section V: Program Curriculum –NA

***THIS SECTION OF THE ABBREVIATED TEMPLATE REQUIRED FOR EMPHASES AND MINORS ONLY.***
Institution Submitting Request: Utah State University
Proposed Title: PhD in Wildlife Biology (no change from current title)
Currently Approved Title: PhD in Wildlife Biology
School or Division or Location: College of Natural Resources
Department(s) or Area(s) Location: Department of Wildland Resources
Recommended Classification of Instructional Programs (CIP) Code\(^1\) (for new programs): 26.0709
Current Classification of Instructional Programs (CIP) Code (for existing programs): 26.0709
Proposed Beginning Date (for new programs): 08/26/13
Institutional Board of Trustees' Approval Date:

Proposal Type (check all that apply):

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<th>Item</th>
<th>R401-5 Comments</th>
<th>R401-6 Comments</th>
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<td>Minor*</td>
<td>Items submitted will be reviewed by OCHE. If there are any issues, the proposal will be returned for clarification/correction. If no issues, the proposal will be returned with a note of approval and the request will be placed on the General Consent Calendar of the next Regents' agenda.</td>
<td></td>
</tr>
<tr>
<td>5.1.1.1</td>
<td>New Emphasis on an Existing Degree*</td>
<td></td>
<td>Items submitted will be reviewed by OCHE. If there are any issues, the proposal will be returned for clarification/correction. If no issues, the proposal will be returned with a note of approval and the request will be placed on the General Consent Calendar of the next Regents' agenda.</td>
</tr>
<tr>
<td>5.1.2</td>
<td>Certificate of Proficiency Not Eligible for Financial Aid</td>
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*Requires “Section VI: Program Curriculum” of Abbreviated Template

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Signature                                      Date: MM/DD/YEAR

Printed Name:

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Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: College of Natural Resources

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Wildland Resources

Program/Administrative Unit Title: Wildland Resources

Recommended Classification of Instructional Programs (CIP) Code: 26.0709

Certificate, and/or Degree(s) to Be Awarded: PhD in Wildlife Biology

Proposed Beginning Date: August 26, 2013 (fall semester)

Institutional Signatures (as appropriate):

Michael R. Kuhns, Interim Department Head
Wildland Resources

Chris Luecke, Interim Dean,
College of Natural Resources

Mark R. McClellan, Vice President for Research
and Dean of Graduate Studies

Date: August 17, 2012
Program Request - Abbreviated Template
Utah State University
PhD in Wildlife Biology
08/17/2012

Section I: Request

The Department of Wildland Resources proposes to restructure its PhD in Wildlife Biology. The current credit hour requirements are 60 credits for students entering with an MS degree and 90 credits for students without an MS degree. We propose reducing the required credit hours for both tracks by 30 credits, to 60 credits for students who enter with a BS and to 30 credits for students with an MS.

Section II: Need

This restructure is necessary to make the Department of Wildland Resources more competitive in recruiting PhD students in Wildlife Biology. Fewer credit hours are required for a PhD in wildlife at most institutions than the 90 beyond the bachelors that USU's Wildlife Biology PhD requires (see table below). BYU has the only other PhD program in wildlife (Wildlife and Wildlands Conservation) in Utah. They require a minimum of 54 credits beyond the bachelors or 36 credits beyond the masters for a PhD, so they require considerably less than USU. Our proposed change will not affect the rigor of our PhD program in Wildlife Biology. Also, it will not affect the core courses required for the PhD students, nor will it affect the effort required for their PhD dissertation projects. As a result if the proposed change, students will be signing up for fewer dissertation or continuing advisement credits while still completing all of the required coursework for the degree.

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<th>University w/ Wildlife PhD</th>
<th>Total Credits for PhD w/BS</th>
<th>Total Credits for PhD w/MS</th>
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<td>Converted to semester hours from quarter hours</td>
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<td>Oregon State U.</td>
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<tr>
<td>U. of Georgia</td>
<td>See notes</td>
<td>30 (see notes)</td>
<td>MS required to work on PhD; Wildlife Ecology and Management program within Forestry and NR degree</td>
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<td>Penn State</td>
<td>30</td>
<td>30</td>
<td>Additional credits beyond MS up to committee</td>
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Section III: Institutional Impact

The proposed program restructure may result in an increase in applications to the Wildland Resources Department's PhD program in Wildlife Biology. This change should not affect our administrative structures, nor will it change faculty or staff requirements, or required facilities. The required coursework will not change, and the academic requirements of the doctoral program will not be affected or changed.
Section IV: Finances

No additional costs are anticipated as a result of this change. More qualified students are interested in this program than the department can currently support. We may be able to accept more students over time if this change results in students completing their degrees more quickly.

Section V: Program Curriculum – NA

***THIS SECTION OF THE ABBREVIATED TEMPLATE REQUIRED FOR EMPHASES AND MINORS ONLY.***
Institution Submitting Request: Utah State University
Proposed Title: NA
Currently Approved Title: MS Health and Human Movement, Health Education specialization, Plan C option
School or Division or Location: Emma Eccles Jones College of Education and Human Services
Department(s) or Area(s) Location: Health, Physical Education and Recreation
Recommended Classification of Instructional Programs (CIP) Code\(^1\) (for new programs): NA
Current Classification of Instructional Programs (CIP) Code (for existing programs): 51.0001
Proposed Beginning Date (for new programs): NA
Institutional Board of Trustees’ Approval Date:

Proposal Type (check all that apply):

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<td>Out-of-Service Area Delivery of Programs</td>
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<td>Name Change of Existing Programs</td>
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<td>5.1.13</td>
<td>Graduate Certificate</td>
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</table>


Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Signature ___________________________ Date: ____________

Printed Name: _______________________

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Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: Emma Eccles Jones College of Education and Human Services

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Health, Physical Education and Recreation

Program/Administrative Unit Title: MS Health and Human Movement, Health Education specialization, Plan C option

Recommended Classification of Instructional Programs (CIP) Code: 51.0001

Certificate, and/or Degree(s) to Be Awarded: NA

Proposed Beginning Date: 07/01/2013

Institutional Signatures (as appropriate):

________________________________   _____________________________________
Department Chair                                             Dean or Division Chair

________________________________
Graduate School Dean

Date:
R401-5.5 Discontinuation of Program
Discontinuation of HPER Department Master of Science in Health and Human Movement
Plan C (Health Education Specialization)
Effective 07/01/2013
CIP 51.0001

Section I: Request

The Department of Health, Physical Education, and Recreation (HPER) in the Emma Eccles Jones College of Education and Human Services at Utah State University, requests discontinuation of the MS Health & Human Movement, Health Education specialization, Plan C option.

Currently the MS Plan C health education specialization within the HPER department resembles a professional degree because it does not require a research component and as such best fits under the category of a professional master’s degree. The MS HHM degree will continue to offer a Plan A and B Health Education specialization thesis option.

Section II: Need

While the MS Plan C option in Health Education has been a successful addition to our graduate program, USU suggests that professional degrees, such as the Plan C, better fit under the category of a professional master’s degree. Therefore, the HPER department has submitted a R401 application for this Plan C to be renamed Master of Health Promotion.

Section III: Institutional Impact

Faculty who teach in the graduate program will not be impacted by the discontinuation of the Plan C option of the Health Education specialization. The HEP courses taught by HPER faculty are required for the Plan A option in health education and will continue to be taught. In addition, upon approval of the Master of Health Promotion degree, these same courses will be offered in the new degree program.

The HPER department currently has four PhD level faculty members who are approved to teach in the graduate program and chair graduate committees. These faculty members will continue to teach in the undergraduate and graduate health education programs once the Plan C is discontinued. The faculty will continue to serve on graduate committees within the department, college and university. The faculty will continue to conduct research and honor service commitments per their individual role statements. No change in role statements will be made based on the discontinuation of the MS Health and Human Movement Health Education specialization Plan C option.

Section IV: Finances

We anticipate no additional costs nor savings associated with the elimination of the MS Health and Human Movement Health Education specialization Plan C option.
**Institution Submitting Request:** Utah State University  
**Proposed Title:** N/A  
**Currently Approved Title:** N/A  
**School or Division or Location:** Emma Eccles Jones College of Education and Human Services  
**Department(s) or Area(s) Location:** Communicative Disorders and Deaf Education  
**Recommended Classification of Instructional Programs (CIP) Code**¹ (for new programs): N/A  
**Current Classification of Instructional Programs (CIP) Code** (for existing programs): 51.0202  
**Proposed Beginning Date** (for new programs): N/A  
**Institutional Board of Trustees’ Approval Date:** MM/DD/YEAR

### Proposal Type (check all that apply):

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<td>5.1.9</td>
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</table>

*Requires “Section VI: Program Curriculum” of Abbreviated Template

**Chief Academic Officer (or Designee) Signature:**
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

---

**Signature**  
**Date:** mm/dd/year

**Printed Name:** Ray Coward, Executive Vice-President and Provost
**Institution Submitting Proposal:** Utah State University

**College, School or Division in Which Program/Administrative Unit Will Be Located:** Emma Eccles Jones College of Education and Human Services

**Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located:** Communicative Disorders and Deaf Education

**Program/Administrative Unit Title:** Communicative Disorders and Deaf Education

**Recommended Classification of Instructional Programs (CIP) Code:** 51.0202

**Certificate, and/or Degree(s) to Be Awarded:** N/A

**Proposed Beginning Date:** Fall semester 2013

**Institutional Signatures (as appropriate):**

Kim Corbin-Lewis, PhD  
Department Chair

Beth Foley, PhD  
Dean or Division Chair

Mark McLellan, PhD  
Graduate School Dean

Francine Johnson,  
Council on Teacher Education

**Date:**
Program Request - Abbreviated Template  
Utah State University  
Communicative Disorders & Deaf Education  
Effective Fall 2013  
CIP 51.0202

Section I: Request

The Department of Communicative Disorders and Deaf Education, in the Emma Eccles Jones College of Education and Human Services, requests discontinuation of the specialization “audiology” under the MA, MS, MEd, and AuD degrees in Communicative Disorders and Deaf Education.

The specialization was necessary to differentiate the discipline of study when all three departmental divisions had a master’s degree (Audiology, Deaf Education, Speech-Language Pathology). There is no longer a master’s degree option in audiology since the change to entry-level clinical doctorate (AuD). Additionally, a specialization of “audiology” in the discipline-designated degree AuD (doctor of Audiology) is redundant.

Section II: Need

A specialization in audiology is no longer associated with any departmental master’s degree. As well, a specialization of “audiology” for the AuD degree is redundant. All students currently in the program are pursuing the AuD. All future audiology students will be pursuing the AuD.

Section III: Institutional Impact

This proposed change will have no effect on enrollment since the AuD, a clinical doctorate which became entry level, has been in place and has enrolled students. We have no affiliations with other departments or programs that would be affected by the removal of the audiology specialization in Communicative Disorders and Deaf Education. No change in faculty, staff, physical facilities or equipment would occur. This is primarily an administrative change.

Section IV: Finances

This will have no financial cost or benefit.
Institution Submitting Request: Utah State University
Proposed Title: N/A
Currently Approved Title: N/A
School or Division or Location: Emma Eccles Jones College of Education and Human Services
Department(s) or Area(s) Location: Communicative Disorders and Deaf Education
Recommended Classification of Instructional Programs (CIP) Code\(^1\) (for new programs): N/A
Current Classification of Instructional Programs (CIP) Code (for existing programs): 51.0203
Proposed Beginning Date (for new programs): N/A
Institutional Board of Trustees’ Approval Date: MM/DD/YEAR

Proposal Type (check all that apply):

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*Requires “Section VI: Program Curriculum” of Abbreviated Template

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Signature: ___________________________ Date: mm/dd/year

Printed Name: Ray Coward, Executive Vice-President and Provost
Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: Emma Eccles Jones College of Education and Human Services

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Communicative Disorders and Deaf Education

Program/Administrative Unit Title: Communicative Disorders and Deaf Education

Recommended Classification of Instructional Programs (CIP) Code: 51.0202; 51.0203
Certificate, and/or Degree(s) to Be Awarded:

Proposed Beginning Date: Fall semester 2013

Institutional Signatures (as appropriate):

Kim Corbin-Lewis, PhD
Department Chair

Beth Foley, PhD
Dean or Division Chair

Mark McLellan, PhD
Graduate School Dean

Francine Johnson,
Council on Teacher Education
Section I: Request

The Department of Communicative Disorders and Deaf Education, in the Emma Eccles Jones College of Education and Human Services, requests discontinuation of the MS-Plan C Option in Communicative Disorders and Deaf Education.

MS degrees are research degrees and will require the MS Plan A or B Option. Effective Fall 2013, all incoming graduate students during the 2013-2014 academic year, not anticipating completion of a research degree, will be accepted into the graduate program to complete a MA Plan C Option. Students currently in program will complete the master’s degree as specified when accepted to the Department of Communicative Disorders & Deaf Education graduate program.

Section II: Need

This change will maintain the integrity of the MS as the research degree in the discipline of Communicative Disorders and Deaf Education.

Section III: Institutional Impact

This proposed change will have no effect on enrollment since the MA degree holds the same value nationally and is often the degree of choice when COMDDE is located in Colleges of Arts and Letters. We have no affiliations with other departments or programs that would be affected by the removal of the MS Degree - Plan C Option. No change in faculty, staff, physical facilities or equipment would occur. This is primarily an administrative change.

Section IV: Finances

This will have no financial cost or benefit.
Institution Submitting Request: Utah State University
Proposed Title: NA
Currently Approved Title: MS Health and Human Movement, Corporate Wellness specialization, Plan C option
School or Division or Location: Emma Eccles Jones College of Education and Human Services
Department(s) or Area(s) Location: Health, Physical Education and Recreation
Recommended Classification of Instructional Programs (CIP) Code¹ (for new programs): NA
Current Classification of Instructional Programs (CIP) Code (for existing programs): 51.0001
Proposed Beginning Date (for new programs): NA
Institutional Board of Trustees' Approval Date:

Proposal Type (check all that apply):

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¹CIP codes must be recommended by the submitting institution. For CIP code classifications, please see http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55.

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

__________________________
Signature

__________________________
Date:

Printed Name:

*Requires “Section VI: Program Curriculum” of Abbreviated Template
Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: Emma Eccles Jones College of Education and Human Services

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Health, Physical Education and Recreation

Program/Administrative Unit Title: MS Health and Human Movement, Corporate Wellness specialization, Plan C option

Recommended Classification of Instructional Programs (CIP) Code: 51.0001

Certificate, and/or Degree(s) to Be Awarded: NA

Proposed Beginning Date: 07/01/2013

Institutional Signatures (as appropriate):

____________________________________________________________________  _____________________________________
Department Chair                                                          Dean or Division Chair

____________________________________________________________________
Graduate School Dean

Date:
The Department of Health, Physical Education, and Recreation (HPER) in the Emma Eccles Jones College of Education and Human Services at Utah State University, requests discontinuation of the MS Health & Human Movement, Corporate Wellness specialization, for Plans A, B, and C.

Currently the MS Plan C Corporate Wellness specialization within the HPER department resembles a professional degree because it does not require a research component and as such best fits under the category of a professional master’s degree.

While the MS Plan C option in Corporate Wellness has been a successful addition to our graduate program, USU suggests that professional degrees, such as the Plan C, better fit under the category of a professional master’s degree. Therefore, the HPER department has submitted a R401 application for this Plan C to be renamed Master of Fitness Promotion.

Faculty who teach in the graduate program will not be impacted by the discontinuation of the Plan C option of the Corporate Wellness specialization. The courses taught by HPER faculty are required for the Plan A and B options in the MS Health and Human Movement Exercise Science specialization and will continue to be taught.

The HPER department currently has four PhD level faculty members who are approved to teach in the graduate program and chair graduate committees. These faculty members will continue to teach in the undergraduate and graduate health education programs once the Plan C is discontinued. The faculty will continue to serve on graduate committees within the department, college and university. The faculty will continue to conduct research and honor service commitments per their individual role statements. No change in role statements will be made based on the discontinuation of the Plan C in Corporate Wellness. Graduate students will be able to select from the remaining specializations within the MS Health & Human Movement degree.

We anticipate no additional costs nor savings associated with the elimination of the MS Health and Human Movement Corporate Wellness specialization Plan C option.
Institution Submitting Request: Utah State University
Proposed Title: PhD in Forestry (no change from current title)
Currently Approved Title: PhD in Forestry
School or Division or Location: College of Natural Resources
Department(s) or Area(s) Location: Department of Wildland Resources
Recommended Classification of Instructional Programs (CIP) Code¹ (for new programs): 03.0501
Current Classification of Instructional Programs (CIP) Code (for existing programs): 03.0501
Proposed Beginning Date (for new programs): 08/26/13
Institutional Board of Trustees’ Approval Date:

Proposal Type (check all that apply):

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<td>Graduate Certificate</td>
</tr>
</tbody>
</table>

*Requires “Section VI: Program Curriculum” of Abbreviated Template

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

____________________________________
Signature

Date: MM/DD/YEAR

Printed Name:

¹ CIP codes must be recommended by the submitting institution. For CIP code classifications, please see http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55.
Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: College of Natural Resources

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Wildland Resources

Program/Administrative Unit Title: Wildland Resources

Recommended Classification of Instructional Programs (CIP) Code: 03.0501

Certificate, and/or Degree(s) to Be Awarded: PhD in Forestry

Proposed Beginning Date: August 26, 2013 (fall semester)

Institutional Signatures (as appropriate):

Michael R. Kuhns, Interim Department Head
Wildland Resources

Chris Luecke, Interim Dean,
College of Natural Resources

Mark R. McClellan, Vice President for Research
and Dean of Graduate Studies

Date: August 17, 2012
Section I: Request

The Department of Wildland Resources proposes to restructure its PhD in Forestry. The current credit hour requirements are 60 credits for students entering with an MS degree and 90 credits for students without an MS degree. We propose reducing the required credit hours for both tracks by 30 credits, to 60 credits for students who enter with a BS and to 30 credits for students with an MS.

Section II: Need

This restructure is necessary to make the Department of Wildland Resources more competitive in recruiting students for the PhD in Forestry. No other PhD program in forestry is available in Utah. Fewer credit hours are required for a PhD in forestry at most institutions than the 90 beyond the bachelors that USU's Forestry PhD requires (see table below). Our proposed change will not affect the rigor of our Forestry PhD program. Additionally, it will not affect the core courses required for the PhD students, nor will it affect the effort required for their PhD dissertation projects. As a result of this proposed change, the students will be signing up for fewer dissertation or continuing advisement credits while still completing all the required coursework for the degree.

<table>
<thead>
<tr>
<th>University w/ Forestry PhD</th>
<th>Minimum Credits for PhD, no MS</th>
<th>Minimum Credits for PhD beyond MS</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>U. of Washington</td>
<td>60</td>
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</tr>
<tr>
<td>Oregon State U.</td>
<td>72</td>
<td>72</td>
<td>Converted to semester hours from quarter hours</td>
</tr>
<tr>
<td>U. of Idaho</td>
<td>78</td>
<td>78</td>
<td>PhD in Natural Resources, forest resources emphasis</td>
</tr>
<tr>
<td>U. of Montana</td>
<td>60</td>
<td>30</td>
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</tr>
<tr>
<td>Colorado State</td>
<td>72</td>
<td>42</td>
<td></td>
</tr>
<tr>
<td>U. of Georgia</td>
<td>See notes</td>
<td>30 (see notes)</td>
<td>MS required to work on PhD</td>
</tr>
<tr>
<td>Iowa State</td>
<td>72</td>
<td>Not noted</td>
<td></td>
</tr>
<tr>
<td>Penn State</td>
<td>30 (see notes)</td>
<td>30 (see notes)</td>
<td>Additional credits beyond MS up to committee</td>
</tr>
</tbody>
</table>

Section III: Institutional Impact

The proposed program restructure may result in an increase in applications to the Wildland Resources Department's Forestry PhD program. This change should not affect our administrative structures, nor will it change faculty or staff requirements, or required facilities. The required coursework will not change, and the academic requirements of the doctoral program will not be affected or changed.

Section IV: Finances

No additional costs are anticipated as a result of this change. More qualified students are interested in this program than the department can currently support. We may be able to accept more students over time if this change results in students completing their degrees more quickly.
Section V: Program Curriculum – NA

***THIS SECTION OF THE ABBREVIATED TEMPLATE REQUIRED FOR EMPHASES AND MINORS ONLY.***
Institution Submitting Request: Utah State University
Proposed Title: PhD in Range Science (no change from current title)
Currently Approved Title: PhD in Range Science
School or Division or Location: College of Natural Resources
Department(s) or Area(s) Location: Department of Wildland Resources
Recommended Classification of Instructional Programs (CIP) Code 1 (for new programs): 01.1106
Current Classification of Instructional Programs (CIP) Code (for existing programs): 01.1106
Proposed Beginning Date (for new programs): 08/26/13
Institutional Board of Trustees’ Approval Date:

Proposal Type (check all that apply):

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<tr>
<td>5.1.1</td>
<td></td>
<td>New Emphasis on an Existing Degree*</td>
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<tr>
<td>5.1.2</td>
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<td>Certificate of Proficiency Not Eligible for Financial Aid</td>
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<tr>
<td>5.1.3</td>
<td></td>
<td>Out-of-Service Area Delivery of Programs</td>
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<td>5.1.4</td>
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<td>Name Change of Existing Programs</td>
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<tr>
<td>5.1.5.2</td>
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<td>Program Transfer</td>
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<tr>
<td>5.1.6</td>
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<td>Program Discontinuation</td>
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<tr>
<td>5.1.7</td>
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<td>Administrative Unit Creation</td>
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<td>5.1.8</td>
<td></td>
<td>New Center</td>
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<td>5.1.9</td>
<td></td>
<td>Graduate Certificate</td>
</tr>
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<th>Item</th>
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<td>6.1.1</td>
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<td>Reinstatement of Previously Suspended Program</td>
</tr>
<tr>
<td>6.1.5</td>
<td></td>
<td>Reinstatement of Previously Suspended Unit</td>
</tr>
</tbody>
</table>

*Requires “Section VI: Program Curriculum” of Abbreviated Template

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

____________________________________
Signature

___________________________
Date: MM/DD/YEAR

Printed Name:

1 CIP codes must be recommended by the submitting institution. For CIP code classifications, please see http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55.
**Institution Submitting Proposal:** Utah State University

**College, School or Division in Which Program/Administrative Unit Will Be Located:** College of Natural Resources

**Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located:** Wildland Resources

**Program/Administrative Unit Title:** Wildland Resources

**Recommended Classification of Instructional Programs (CIP) Code:** 01.1106

**Certificate, and/or Degree(s) to Be Awarded:** PhD in Range Science

**Proposed Beginning Date:** August 26, 2013 (fall semester)

**Institutional Signatures (as appropriate):**

Michael R. Kuhns, Interim Department Head
Wildland Resources

Chris Luecke, Interim Dean,
College of Natural Resources

Mark R. McClellan, Vice President for Research
and Dean of Graduate Studies
Date: August 17, 2012
Program Request - Abbreviated Template
Utah State University
PhD in Range Science
08/17/2012

Section I: Request

The Department of Wildland Resources proposes to restructure its PhD in Range Science. The current credit hour requirements are 60 credits for students entering with an MS degree and 90 credits for students without an MS degree. We propose reducing the required credit hours for both tracks by 30 credits, to 60 credits for students who enter with a BS and to 30 credits for students with an MS.

Section II: Need

This restructure is necessary to make the Department of Wildland Resources more competitive in recruiting students for the PhD in Range Science. No other PhD program in range science is available in Utah. Most institutions across the nation require fewer credit hours for a PhD in range science than the 90 beyond the bachelors that USU's Range Science PhD requires (see table below). Our proposed change will not affect the rigor of our PhD program. Also, it will not affect the core courses required for the PhD students, nor will it affect the effort required for their PhD dissertation projects. As a result of the proposed change, students will register for fewer dissertation or continuing advisement credits while still completing all of the required coursework for the degree.

<table>
<thead>
<tr>
<th>University w/ Range PhD</th>
<th>Total Credits for PhD w/BS</th>
<th>Total Credits for PhD w/MS</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Oregon State U.</td>
<td>72</td>
<td>72</td>
<td>Converted to semester hours from quarter hours</td>
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<td>U. of Idaho</td>
<td>78</td>
<td>78</td>
<td>PhD in Natural Resources, range emphasis</td>
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<tr>
<td>Montana State</td>
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<td>30</td>
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<td>U. of Arizona</td>
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<td>Colorado State</td>
<td>72</td>
<td>42</td>
<td></td>
</tr>
<tr>
<td>U. of Wyoming</td>
<td>72</td>
<td>See notes</td>
<td>&quot;Many credit hours from your MS can count toward this requirement.&quot;</td>
</tr>
</tbody>
</table>

Section III: Institutional Impact

The proposed program restructure may result in an increase in applications to the Wildland Resources Department's PhD program in Range Science. This change should not affect our administrative structures, nor will it change faculty or staff requirements, or required facilities. The required coursework will not change, and the academic requirements of the doctoral program will not be affected or changed.

Section IV: Finances

No additional costs are anticipated as a result of this change. More qualified students are interested in this program than the department can currently support. We may be able to accept more students over time if this change results in students completing their degrees more quickly.
Section V: Program Curriculum – NA

***THIS SECTION OF THE ABBREVIATED TEMPLATE REQUIRED FOR EMPHASES AND MINORS ONLY.***
Institution Submitting Request: Utah State University
Proposed Title: MS and PhD in Wildlife Biology – Drop Specializations in Conservation Biology and Problem Wildlife Management
Currently Approved Title: MS and PhD in Wildlife Science
School or Division or Location: College of Natural Resources
Department(s) or Area(s) Location: Department of Wildland Resources
Recommended Classification of Instructional Programs (CIP) Code¹ (for new programs): 26.1301
Current Classification of Instructional Programs (CIP) Code (for existing programs): 26.1301
Proposed Beginning Date (for new programs): 08/26/13
Institutional Board of Trustees’ Approval Date:
Proposal Type (check all that apply):

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</tr>
</thead>
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<tr>
<td>4.1.5.2</td>
<td>Minor*</td>
<td>6.1.1</td>
<td>Reinstatement of Previously Suspended Program</td>
</tr>
<tr>
<td>5.1.11</td>
<td>New Emphasis on an Existing Degree*</td>
<td>6.1.5</td>
<td>Reinstatement of Previously Suspended Unit</td>
</tr>
<tr>
<td>5.1.2</td>
<td>Certificate of Proficiency Not Eligible for Financial Aid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.1.3</td>
<td>Out-of-Service Area Delivery of Programs</td>
<td></td>
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<tr>
<td>5.1.4</td>
<td>Name Change of Existing Programs</td>
<td></td>
<td></td>
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<tr>
<td>5.1.5</td>
<td>Program Transfer</td>
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<td></td>
<td>Program Restructure</td>
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<td></td>
<td>Program Consolidation</td>
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<td>5.1.6</td>
<td>Program Discontinuation</td>
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<td></td>
<td>Program Suspension</td>
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<tr>
<td>5.1.7</td>
<td>Administrative Unit Creation</td>
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<td></td>
<td>Administrative Unit Transfer</td>
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<td></td>
<td>Administrative Unit Consolidation</td>
<td></td>
<td></td>
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<tr>
<td>5.1.8</td>
<td>New Center</td>
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<tr>
<td></td>
<td>New Institute</td>
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<td></td>
<td>New Bureau</td>
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<td></td>
</tr>
<tr>
<td>5.1.9</td>
<td>Graduate Certificate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

¹ CIP codes must be recommended by the submitting institution. For CIP code classifications, please see http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55.

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

__________________________
Signature

Date: MM/DD/YEAR

Printed Name:
Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: College of Natural Resources

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Wildland Resources

Program/Administrative Unit Title: Wildland Resources

Recommended Classification of Instructional Programs (CIP) Code: 26.1301

Certificate, and/or Degree(s) to Be Awarded: MS and PhD in Wildlife Science – Drop Specializations in Conservation Biology and Problem Wildlife Management

Proposed Beginning Date: August 26, 2013 (fall semester)

Institutional Signatures (as appropriate):

Michael R. Kuhns, Interim Department Head
Wildland Resources

Chris Luecke, Interim Dean,
College of Natural Resources

Mark R. McClellan, Vice President for Research
and Dean of Graduate Studies

Date: September 5, 2012
Section I: Request

The Department of Wildland Resources proposes to restructure its MS and PhD in Wildlife Biology by dropping the existing specializations Conservation Biology and Problem Wildlife Management.

Section II: Need

This restructure is necessary to allow the Department of Wildland Resources to drop specializations that are not used by Wildlife Science MS and PhD students and faculty in the department. These specializations reflect subject areas that are handled instead under the department's Ecology MS and PhD degrees (Conservation Biology), or just do not reflect how we organize or describe our programs, and therefore are not used by anyone (Problem Wildlife Management). A Wildlife Management specialization already is available within our Wildlife Biology MS and PhD degrees that can be used by students wanting to show a management emphasis. This proposed change will not affect the rigor of the Wildlife Science MS or PhD programs or the courses taken. It will simplify our program marketing by dropping specializations that are not used.

Section III: Institutional Impact

The proposed program restructure will simplify and clarify the Wildland Resources Department's MS and PhD program in Wildlife Science. This change will not affect our administrative structures, nor will it change faculty or staff requirements, or required facilities. The required coursework will not change, and the academic requirements of the masters and doctoral program will not be affected or changed.

Section IV: Finances

No additional costs are anticipated as a result of this change.

Section V: Program Curriculum –NA

***THIS SECTION OF THE ABBREVIATED TEMPLATE REQUIRED FOR EMPHASES AND MINORS ONLY.***
Institution Submitting Request: Utah State University
Proposed Title: N/A
Currently Approved Title: N/A
School or Division or Location: Emma Eccles Jones College of Education and Human Services
Department(s) or Area(s) Location: Communicative Disorders and Deaf Education
Recommended Classification of Instructional Programs (CIP) Code\(^1\) (for new programs): N/A
Current Classification of Instructional Programs (CIP) Code (for existing programs): 51.0202
Proposed Beginning Date (for new programs): N/A
Institutional Board of Trustees' Approval Date: MM/DD/YEAR
Proposal Type (check all that apply):

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<th>Section #</th>
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<td>Reinstatement of Previously Suspended Program</td>
</tr>
<tr>
<td>5.1.1.1</td>
<td>New Emphasis on an Existing Degree*</td>
<td>6.1.5</td>
<td>Reinstatement of Previously Suspended Unit</td>
</tr>
<tr>
<td>5.1.2</td>
<td>Certificate of Proficiency Not Eligible for Financial Aid</td>
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<tr>
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<td>Out-of-Service Area Delivery of Programs</td>
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<td>5.1.4</td>
<td>Name Change of Existing Programs</td>
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<td>5.1.5</td>
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<tr>
<td>5.1.6</td>
<td>Program Discontinuation</td>
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<tr>
<td>5.1.7</td>
<td>Administrative Unit Creation</td>
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<tr>
<td>5.1.8</td>
<td>New Center</td>
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<tr>
<td>5.1.9</td>
<td>Graduate Certificate</td>
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</tr>
</tbody>
</table>

*Requires “Section VI: Program Curriculum” of Abbreviated Template

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

______________________________
Signature
Date: mm/dd/year

Printed Name: Ray Coward, Executive Vice-President and Provost
Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: Emma Eccles Jones College of Education and Human Services

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Communicative Disorders and Deaf Education

Program/Administrative Unit Title: Communicative Disorders and Deaf Education

Recommended Classification of Instructional Programs (CIP) Code: 51.0202
Certificate, and/or Degree(s) to Be Awarded: N/A

Proposed Beginning Date: Fall semester 2013

Institutional Signatures (as appropriate):

Kim Corbin-Lewis, PhD
Department Chair

Beth Foley, PhD
Dean or Division Chair

Mark McLellan, PhD
Graduate School Dean

Francine Johnson,
Council on Teacher Education

Date:
Section I: Request

The Department of Communicative Disorders and Deaf Education, in the Emma Eccles Jones College of Education and Human Services, requests discontinuation of the EdS in Communicative Disorders and Deaf Education.

The EdS was an intermediary degree between a MS and doctoral degree for individuals in the specialization of audiology. Since the Doctor of Audiology (AuD) is now the entry-level degree nationally, the EdS is obsolete.

Section II: Need

While the EdS has been on the books for many years, there are no students in the program nor have there been in over 15 years. We would like to remove this degree since it is no longer a recognized degree in audiology within the field of Communicative Disorders and Deaf Education.

Section III: Institutional Impact

This proposed change will have no effect on enrollment since the AuD, a clinical doctorate which surpasses the EdS in academic achievement, is entry-level for audiologists. We have no affiliations with other departments or programs that would be affected by the removal of the EdS Degree in Communicative Disorders and Deaf Education. No change in faculty, staff, physical facilities or equipment would occur. This is primarily an administrative change.

Section IV: Finances

This will have no financial cost or benefit.
Institution Submitting Request: Utah State University
Proposed Title: n/a
Currently Approved Title: MA, MS in Geography
School or Division or Location: College of Natural Resources
Department(s) or Area(s) Location: Department of Environment and Society
Recommended Classification of Instructional Programs (CIP) Code¹ (for new programs): n/a
Current Classification of Instructional Programs (CIP) Code (for existing programs): 26.1301
Proposed Beginning Date (for new programs): 08/26/13
Institutional Board of Trustees’ Approval Date:

Proposal Type (check all that apply):

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<td>5.1.1.1</td>
<td>New Emphasis on an Existing Degree*</td>
<td></td>
<td>Reinstatement of Previously Suspended Program</td>
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<td>5.1.2</td>
<td>Certificate of Proficiency Not Eligible for Financial Aid</td>
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<td>5.1.4</td>
<td>Name Change of Existing Programs</td>
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<td>5.1.5</td>
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<td>5.1.7</td>
<td>Administrative Discontinuation</td>
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<td>5.1.8</td>
<td>Administrative Unit Creation</td>
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<td>5.1.9</td>
<td>Administrative Unit Transfer</td>
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<td></td>
<td>Administrative Unit Consolidation</td>
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*Requires “Section VI: Program Curriculum” of Abbreviated Template

Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

__________________________________
Signature

__________________________________
Printed Name

Date:

¹ CIP codes must be recommended by the submitting institution. For CIP code classifications, please see http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55.
Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: College of Natural Resources

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Environment and Society

Program/Administrative Unit Title: Environment and Society

Recommended Classification of Instructional Programs (CIP) Code: 45.0701

Certificate, and/or Degree(s) to Be Awarded: MA, MS in Geography

Proposed Beginning Date: August 26, 2013 (fall semester)

Institutional Signatures:

Mark Brunson, Department Head
Environmental and Society

Chris Luecke, Interim Dean,
College of Natural Resources

Mark R. McClellan, Vice President for Research
And Dean of Graduate Studies

Date: August 18, 2012
Section I: Request

The Department of Environment and Society proposes to eliminate the Master of Arts degree in Geography as well as the six specializations within the Master of Science degree in Geography:

- Climatology/Climatic Change/Atmospheric Modeling;
- Geographic/Environmental Education;
- Physical Geography/Ecology;
- Remote Sensing/Geographic Information Systems/Automated Cartography;
- River Processes/Fluvial Geomorphology;
- Rural Development/Land Use Planning/Land Use Analysis.

Section II: Need

The MA in Geography was created when the program was administered within the History Department in what was then the College of Humanities, Arts and Social Sciences, and the degree's structure and purpose reflected the academic culture of that College. When the program and faculty moved to the College of Natural Resources more than 20 years ago, the MA was retained as an option for students who wished to market themselves for social science or humanities positions. However, it has been many years since a graduate student pursued the MA, as our MS in Geography fits better with the faculty makeup and academic approach in the College of Natural Resources.

While the MS program has continued to thrive in the years since geography moved to Natural Resources – first in the Department of Geography and Earth Resources and since 2002 in the Department of Environment and Society – the program and its faculty have continued to evolve. The specializations reflect the interests of the faculty of Geography and Earth Resources upon its establishment. None of those individuals now teaches or directs graduate students in Environment and Society, the interests of current faculty do not match the specialization structure, and many of the required courses no longer exist. Accordingly, no student has earned an MS degree within a specialization in the past five years. To better reflect our current capacities, and to underscore the flexibility that today's students need, we propose to offer the MS in Geography without specializations.

Section III: Institutional Impact

No student has completed the MA in Geography since the Environment and Society Department was established, and it has been at least five years since an MS with specialization has been completed. Thus there is no impact on current students. On the contrary, eliminating the specializations may increase our ability to attract students as it will underscore the flexibility of the program and eliminate any impression that we only have expertise in the areas of specialization. No change in staffing, course offerings, or administrative structures will result from these changes.

Section IV: Finances

No financial impacts are anticipated from this proposal, as neither the MA nor the MS specializations are currently used by students.

Section V: Program Curriculum

Not applicable to this request.
Institution Submitting Request: Utah State University
Proposed Title: Plan B Option, Health Education Specialization
Currently Approved Title: NA
School or Division or Location: Emma Eccles Jones College of Education & Human Services
Department(s) or Area(s) Location: Health, Physical Education & Recreation
Recommended Classification of Instructional Programs (CIP) Code\(^1\) (for new programs): 51.0001
Current Classification of Instructional Programs (CIP) Code (for existing programs): NA
Proposed Beginning Date (for new programs): 07/01/2013
Institutional Board of Trustees’ Approval Date:

Proposal Type (check all that apply):

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Chief Academic Officer (or Designee) Signature:
I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

________________________________________
Signature
Date: __________________________

Printed Name: ______________________

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*Requires “Section VI: Program Curriculum” of Abbreviated Template*
Institution Submitting Proposal: Utah State University

College, School or Division in Which Program/Administrative Unit Will Be Located: Emma Eccles Jones College of Education and Human Services

Department(s) or Area(s) in Which Program/Administrative Unit Will Be Located: Health, Physical Education & Recreation

Program/Administrative Unit Title: Plan B Option, Health Education Specialization, MS Health & Human Movement

Recommended Classification of Instructional Programs (CIP) Code: 51.0001

Certificate, and/or Degree(s) to Be Awarded: Master of Science

Proposed Beginning Date: 07/01/2013

Institutional Signatures (as appropriate):  
Department Chair  
Dean or Division Chair

_________________________________  
Graduate School Dean

_________________________________  
Date:
Section I: Request

The Department of Health, Physical Education, and Recreation at Utah State University proposes a new Plan B option within the Health Education specialization of the Master of Science in Health and Human Movement degree with student admissions to start for Summer Semester 2013. The new degree program will meet the needs of students who wish to pursue a degree that will not require a traditional thesis project. The current MS in Health and Human Movement Health Education specialization also offers a Plan A thesis option.

Section II: Need

Students enrolled in this specialization may only need to complete a thesis project if they are intending to pursue research opportunities or perhaps doctoral studies. Otherwise the project as described by the School of Graduate Studies to fulfill the requirement for the Plan B may be quite appropriate for students seeking alternate professional opportunities.

Section III: Institutional Impact

As with the current MS in Health and Human Movement Health Education specialization Plan A thesis option, the same institutional resources will be sufficient to support the proposed option.

Section IV: Finances

This proposed option will not place any additional financial impact on the institution.

Section V: Program Curriculum

All Program Courses

| MASTER OF SCIENCE DEGREE IN HEALTH & HUMAN MOVEMENT |
| HEALTH EDUCATION - PLAN B (Paper Option) |
| (31 semester credits) |

A. Required Courses (23 credits)  

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<th>Course Title</th>
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<td>HEP 6000 Program Evaluation for Health Education</td>
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<td>HEP 6600 Fieldwork in Health Education</td>
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<td>HEP 6800 Seminar in Health Behavior</td>
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<td>HEP 6970 Thesis</td>
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<td>EDUC 6570 Intro to Psych. and Educ. Research</td>
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<td>* EDUC 6600 Research Design and Analysis I</td>
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<td>NDFS 6200 Nutritional Epidemiology</td>
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B. Electives (8 credits)  

Course electives are selected on the basis of the student’s needs and interests, subject to the approval of the student’s committee. They should come from the following approved courses. Courses taken while an undergraduate student will not count toward a student’s program of study.
Human and Social Nature
FCHD 6020 Survey of Human Development Research  3 Sp  
FCHD 6060 Human Development Theories  3 F  
PSY 5200 Introduction to Interviewing and Counseling  3 F  
PSY 6470 Health Psychology  3 F  
SOC 6460 Sociology of Health  3 S  
SOC 6800 Seminar in Sociology (Population and Health)  3  

Grantsmanship and Organizational Dynamics
HEP 5300 Grant Proposal Writing  3 Sp  
MGT 6500 Managing Individuals and Groups  3 F  
POLS 6140 Leadership in Public Organizations  3 Su  

Instructional Technology
INST 5230 Instructional Graphic Production  3 FSp  

Educational Content
HEP 6900 Independent Study  1-3 FSpSu  
HEP 6950 Independent Research  1-3 FSpSu  
NDFS 6210 Advanced Public Health Nutrition  2 Sp  
PEP 5100 Fitness Assessment and Exercise Programs  4 FSp  
PEP 6540 Neuromuscular Adaptations  3 F  

Disease and Injury Control
PUBH 4030 Communicable Disease Control  3 F  
PUBH 4040 Fundamentals of Epidemiology  3 Sp  
PUBH 5400 Environmental Toxicology  3 Sp  

Requires writing and committee approval of a manuscript with content and format appropriate for submission to a peer-reviewed discipline journal (i.e., in Health Education, Health Promotion, or Health Sciences).

Degree to be completed within six years from date of first course

New Courses to Be Added in the Next Five Years
None

Program Schedule
For the Plan B Option, the following schedule is recommended:

Fall Semester Year One (Total Credits: 9 credits)
HEP 6100: Current Trends in Health Promotion (3 credits) 
HEP 6800: Seminar in Health Behavior (3 credits) 
EDUC 6570: Intro to Psych. And Educ. Research (3 credits)

Spring Semester Year One (Total Credits: 10 credits)
HEP 6000 Program Evaluation for Health Education (3 credits) 
EDUC 6600 Research Design and Analysis I (3 credits) 
PEP 5100 Fitness Assessment and Exercise Programs [Elective example] (4 credits)

Fall Semester Year Two (Total Credits: 6-8 credits)
MGT 6500 Managing Individuals and Groups 3 [Elective example] (3 credits) 
NDFS 6200 Nutritional Epidemiology 2 cr  
Elective Credit (1-3 credits)
Spring Semester Year Two (Total Credits: 6 Credits)
HEP 6970 Thesis Elective (3 credits)
HEP 6600 Fieldwork in Health Education (3 credits)