## Graduate Council Minutes
11/09/2022– 3:30-5:00 p.m.

### ZOOM LINK: https://uidaho.zoom.us/j/81521354062?from=addon

<table>
<thead>
<tr>
<th>x</th>
<th>Jerry McMurtry</th>
<th>x</th>
<th>Evan Williamson (Library)</th>
<th>x</th>
<th>Grant Harley (COS) 2024</th>
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</thead>
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<tr>
<td>x</td>
<td>Chris Ludwig (EHHS) 2024</td>
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<td>Pedram Rezamand (At-Large/CALS) 2023</td>
<td>x</td>
<td>John Cannon (At-Large/EHHS Boise) 2025</td>
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<td>x</td>
<td>Linda Chen (CBE) 2023</td>
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<td>Kelly Quinnett (CLASS) 2023</td>
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<td>TBA (ENGR) 2025</td>
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<td>TBA (CAA)2025</td>
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<td>Ledra Kobziar for Kerri Vierling (CNR/ENVS) 2023 Elise Sub</td>
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<td>Carson Silsby (GPSA)</td>
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<td>x</td>
<td>Paul Hohenlohe (UWP) 2024</td>
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<td>Dan Strawn (CALS) 2023</td>
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<td>Adamarie Marquez Acevedo (GPSA)</td>
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<td>x</td>
<td>Sarah Wu (At Large/ENGR) 2024</td>
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</tbody>
</table>

### I. Minutes from 10/12/2022
Motion. 6 approved, 0 opposed, 3 abstentions

### II. Announcements
b. Fall recruitment cycle complete, SACNAS, AISES, Cal Forum etc.

### III. Old Business
a. Limit on Directed Study credits Revisited:  
   *No more than three credits of workshop or workshop equivalent courses and no more than nine credits of directed study (499/502) may be used toward the graduate degree. (This would be in the master’s degree section of COGS general requirements.)*  
   Master’s Degrees < University of Idaho (uidaho.edu)  
   Motion. 6 for, 1 opposed, 2 abs. Passes.
b. Catalog item approved March 2018, but apparently wasn’t added to the catalog: Suggested wording: Full-time graduate assistants may accept an additional temporary help appointment not to exceed 10 hours per week. All temporary help appointments should be monitored to ensure the graduate assistant is able to keep up with both their academic work and the effort expected as a graduate assistant. Any temporary help appointment over 10 hours requires the approval of the Dean of the College of Graduate Studies. International students must consult International Programs to confirm eligibility for more than 20 hours. Move forward.
c. PSM catalog language revisited after edits – in Nov. folder via SharePoint.  
   Motion. Vote 6, 0, 2

d. Graduate Admissions: Letter of recommendation format and/or number required for professional programs. Do you want to vote to change the required number? Table. Until next time.

### IV. New Business
a. Curriculum Items:
   i. Accountancy. Vote: 7, 0, 1 approved
   ii. Creative Writing (Tabled at meeting but special vote via email after clarification and changes passed) Revised the language on the electives to define them as relevant to the degree and can come from other departments as agreed upon by the student and MP.  
      Revision of the number of credits in each category: Technique/traditions dropped one credit, literature dropped one credit. Thesis added one credit and internship added one credit – same total of 54.
iii. English
iv. Addendum: (Tabled at meeting but special vote via email after clarification and changes passed) Revised the definition of the coursework based degree to follow the non-thesis language “The non-thesis requirement can be met through the MA examination common to both degrees.”

v. Criminology (new) Vote: 7, 0, 1
vi. Dietetics Vote: 8, 0, 1 ok
vii. Emerging Media (new) Vote: 8, 0, 1
viii. Engineering Management Vote: 8, 0, 1
ix. Natural Resources: 8, 0, 1 pass
x. Adult Organizational Learning and Learning (MS) Vote: 8, 0, 1 pass
xi. Data Science Academic Certificate (new) 8, 0, 1 pass
xii. Environmental Education and Science Communication Certificate Vote: 8, 0, 1 pass
xiii. Graduate Certificate in Professional Applications of Data Science Vote: 8,0,1
xiv. GIS Academic Certificate (new) Vote: 8,0,1 pass
xv. Nuclear Decommissioning...Cert. 8,0,1 pass
xvi. Strategic Media Management Academic Cert (new) Vote: 8,0,1
xvii. Media Production Academic Cert (new) Vote: 8, 0, 1 pass
xviii. Dual Credit Instructor Certificate (new) Table-Jerry to reach out.

Addendum: Tabled at meeting but special vote via email after clarification and changes passed) Will note that at least ½ of the credits earned must be at the 500 level.
Revised the expected grade in each class to follow the graduate guidelines rather than the undergraduate guidelines Noted that the graduate level coursework required may have pre-requisites which the student would need to meet. Passed.

b. Parental Leave for Graduate Students: increase to eight weeks. Expected to work like employees but do not have the rights of an employee. Insurance discussed. 3715 d. amended to 8. Vote: 9, 0, 1 Passed.
c. Conditional Admission Catalog Revision: the name must be removed from the catalog as the U of I is not currently approved to issue I-20s for intensive English pathways. We can still admit students with pending English proficiency (selected programs) but we may no longer use the term “conditional admission”. International Program says language not compliant...change to admission with “pending English proficiency”
d. Duolingo 115 = 79 Permanent change in catalog. 8, 0, 2 Passed

V. Adjourn 4:55
497: MEDIA PRODUCTION ACADEMIC CERTIFICATE

In Workflow
1. 008 Chair (rsjohnson@uidaho.edu)
2. CLASS Review (ctibbals@uidaho.edu)
3. 18 Curriculum Committee Chair (folwell@uidaho.edu)
4. 18 Dean (quinlan@uidaho.edu)
5. Provost's Office (kudas@uidaho.edu; mstout@uidaho.edu; jvalkovic@uidaho.edu; gwen@uidaho.edu)
6. Curriculum Review (sstubbs@uidaho.edu)
7. Degree Audit Review (rfrost@uidaho.edu)
8. Graduate Council Chair (slthomas@uidaho.edu)
9. Registrar's Office (none)
10. Ready for UCC (disable)
11. UCC (none)
12. Faculty Senate Chair (mstout@uidaho.edu; jvalkovic@uidaho.edu; cari@uidaho.edu)
13. Provost's Office (kudas@uidaho.edu; mstout@uidaho.edu; jvalkovic@uidaho.edu; gwen@uidaho.edu)
14. State Approval (mstout@uidaho.edu; jvalkovic@uidaho.edu; lindalundgren@uidaho.edu)
15. NWCCU (sara@uidaho.edu; mstout@uidaho.edu)
16. Steve Stubbs (sstubbs@uidaho.edu)

Approval Path
1. Tue, 04 Oct 2022 23:51:12 GMT
   Robin Johnson (rsjohnson): Approved for 008 Chair
2. Thu, 06 Oct 2022 21:18:25 GMT
   Charles Tibbals (ctibbals): Approved for CLASS Review
3. Thu, 06 Oct 2022 21:21:05 GMT
   Annette Folwell (folwell): Approved for 18 Curriculum Committee Chair
   Sean Quinlan (quinlan): Approved for 18 Dean
5. Sat, 08 Oct 2022 00:14:09 GMT
   Ken Udas (kudas): Approved for Provost's Office
   Steve Stubbs (sstubbs): Approved for Curriculum Review
7. Thu, 27 Oct 2022 17:35:54 GMT
   Rebecca Frost (rfrost): Approved for Degree Audit Review

New Program Proposal
Date Submitted: Tue, 04 Oct 2022 23:50:23 GMT

Viewing: 497 : Media Production Academic Certificate
Last edit: Thu, 27 Oct 2022 17:35:48 GMT
Changes proposed by: Robin Johnson

Faculty Contact

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Faculty Email</th>
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<tbody>
<tr>
<td>Robin Johnson</td>
<td><a href="mailto:rsjohnson@uidaho.edu">rsjohnson@uidaho.edu</a></td>
</tr>
</tbody>
</table>

Will this request have a fiscal impact of $250K or greater?
No

Academic Level
Graduate

College
Letters Arts & Social Sciences

Department/Unit:
Journalism & Mass Media
Effective Catalog Year
2024-2025

Program Title
Media Production Academic Certificate

Degree Type
Certificate

Please note: Majors and Certificates over 30 credits need to have a state form approved before the program can be created in Curriculum.

Program Credits
18

CIP Code
09.0702 - Digital Communication and Media/Multimedia.

Will the program be Self-Support?
No

Will the program have a Professional Fee?
No

Will the program have an Online Program Fee?
Yes

Will this program lead to licensure in any state?
No

Will the program be a statewide responsibility?
No

Financial Information

What is the financial impact of the request?
Less than $250,000 per FY

Note: If financial impact is greater than $250,000, you must complete a Program Proposal Form

Describe the financial impact
The certificate is one component of the Master's in Emerging Media. There will not be an additional financial impact for adding the certificate to the program.

Curriculum:
All required coursework must be completed with a grade of 'B' or better (O-10-b (https://catalog.uidaho.edu/general-requirements-academic-procedures/o-miscellaneous/)).

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<td>JAMM 530</td>
<td>Course JAMM 530 Not Found (Trends in Media Law)</td>
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<td>JAMM 565</td>
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<td>Course JAMM 570 Not Found (Storytelling and Development)</td>
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<td>Course JAMM 575 Not Found (Media Postproduction and Distribution)</td>
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Total Hours
18

Courses to total 18 credits for this certificate
Distance Education Availability

To comply with the requirements of the Idaho State Board of Education (SBOE) and the Northwest Commission on Colleges and Universities (NWCCU) the University of Idaho must declare whether 50% or more of the curricular requirements of a program which may be completed via distance education.

Can 50% or more of the curricular requirements of this program be completed via distance education?
Yes

If Yes, can 100% of the curricular requirements of this program be completed via distance education?
Yes

Note: Existing programs transitioning from less than 50% of its curricular requirements to 50% or more of its requirements being available via distance education is considered a Group C change and must complete the program proposal formwork before these changes will be processed.

Geographical Area Availability

In which of the following geographical areas can this program be completed in person?
Online Only

Student Learning Outcomes

List the intended learning outcomes for program component. Use learner centered statements that indicate what will students know, be able to do, and value or appreciate as a result of completing the program.

The School of Journalism and Mass Media (JAMM) curriculum for the Emerging Media MA will enable our students to learn the following values and skills to prepare them for work and citizenship in a diverse and global society:

JAMM Values
1. Apply the principles and laws of freedom of speech and press in a global context and in the United States
2. Demonstrate an understanding of the multicultural history and role of professionals, individuals and institutions in shaping communications
3. Demonstrate culturally proficient communication that empowers those traditionally disenfranchised in society, especially as grounded in gender, race, ethnicity, sexual orientation and ability, domestically and globally, across communication and media contexts
4. Understand concepts and apply theories in the use and presentation of images and information
5. Demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth, accuracy, fairness and diversity

JAMM Skills
1. Apply critical thinking skills in conducting research and evaluating information by methods appropriate to the communications professions in which they work
2. Write correctly and clearly in forms and styles appropriate for the communications professions, audiences and purposes they serve
3. Critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness
4. Apply basic numerical and statistical concepts
5. Apply tools and technologies appropriate for the communications professions in which they work

Describe the assessment process that will be used to evaluate how well students are achieving the intended learning outcomes of the program component.

Assessment begins with an understanding that a well-developed graduate curriculum guides students through high levels of knowledge and skill acquisition of learning outcomes. Students should become aware of a program's learning outcomes and be able to demonstrate the ability to apply knowledge of learning outcomes in courses and particularly in written and oral examinations and thesis projects.

The general assessment strategy for the school is to directly measure whether students are aware, understand and can apply learning outcomes at different waypoints in the curriculum. Doing so will allow the faculty to analyze the attainment of learning outcomes at each waypoint and make changes to improve teaching and learning where it is needed.

An assessment map will provide an overview of the required courses for each learning outcome and the master's level of knowledge and skill acquisition of the learning outcomes. Each course on the assessment map includes associated learning outcomes on its syllabus, and course instructors deploy teaching and learning strategies designed to provide students with an application of the learning outcomes. Syllabi are collected each semester and examined for inclusion of learning outcomes.

How will you ensure that the assessment findings will be used to improve the program?

The university's assessment of program-level student learning outcomes ensures student achievement and continuous program-level improvement. Each year faculty and administrators of academic programs collect and analyze data and determine how to improve teaching and learning based on the results. The school adopts the annual assessment reporting deadlines established by the university.
The assessment report for the graduate academic program will provide the basis for discussion among faculty on any curriculum changes needed during the Fall faculty retreat typically held the week before Fall classes begin. Changes implemented during faculty meetings will be included in that year’s annual report.

What direct and indirect measures will be used to assess student learning?
Direct measurement tools are developed and deployed to determine whether learning outcomes are being met, and best practices dictate that the measurement tools provide faculty and assessors with tools and data that are replicable and reliable. Direct measures are derived from assignments, exams or other instruments assigned to students by instructors or specialized instruments with no grading component in the course. The materials should be analyzed by faculty members, professionals or knowledge experts independent of the course or course grades using rubrics or other methods designed to measure knowledge acquisition of learning outcomes.

When will assessment activities occur and at what frequency?
The director or the director’s designate (graduate director) is responsible for managing the assessment strategy and process. The school’s faculty is collectively responsible for using assessment information to guide curricular improvements. At the beginning of a semester, instructors of courses on the assessment maps will be notified of any direct measurement tools that need to be created or existing tools that will be used to collect data. The instructors will be responsible for deploying the tool, collecting or capturing the data or materials needed for assessment, and providing the materials or data to the director or designate. The school uses a schedule that includes semiannual, annual and biennial data collection and analysis to balance the scope of assessment activities with the size of the faculty.

Student Learning Outcomes

Learning Objectives
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3. Critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness
4. Apply basic numerical and statistical concepts
5. Apply tools and technologies appropriate for the communications professions in which they work

Rationale for the proposed change. Include an explanation of how the department will manage the added workload, if any.
The certificate will provide flexibility to students in the Emerging Media master’s program, allowing them to obtain a certificate in as little as two semesters. There is no added workload to include the certificate because the courses required are part of the Emerging Media graduate program.

Reviewer Comments
Ken Udas (kudas) (Sat, 08 Oct 2022 00:14:04 GMT): With the consent of Dean Quinlan and Robin Johnson, the "Self-Support" program designation was changed from "YES" to "NO".

Key: 497
496: STRATEGIC MEDIA MANAGEMENT ACADEMIC CERTIFICATE

In Workflow
1. 008 Chair (rsjohnson@uidaho.edu)
2. CLASS Review (ctibbals@uidaho.edu)
3. 18 Curriculum Committee Chair (folwell@uidaho.edu)
4. 18 Dean (quinlan@uidaho.edu)
5. Provost’s Office (kudas@uidaho.edu; mstout@uidaho.edu; jvalkovic@uidaho.edu; gwen@uidaho.edu)
6. Curriculum Review (sstubbs@uidaho.edu)
7. Degree Audit Review (rfrost@uidaho.edu)
8. Graduate Council Chair (slthomas@uidaho.edu)
9. Registrar’s Office (none)
10. Ready for UCC (disable)
11. UCC (none)
12. Faculty Senate Chair (mstout@uidaho.edu; jvalkovic@uidaho.edu; cari@uidaho.edu)
13. Provost’s Office (kudas@uidaho.edu; mstout@uidaho.edu; jvalkovic@uidaho.edu; gwen@uidaho.edu)
14. State Approval (mstout@uidaho.edu; jvalkovic@uidaho.edu; lindalundgren@uidaho.edu)
15. NWCCU (sara@uidaho.edu; mstout@uidaho.edu)
16. Steve Stubbs (sstubbs@uidaho.edu)

Approval Path
1. Tue, 04 Oct 2022 23:44:06 GMT
   Robin Johnson (rsjohnson): Approved for 008 Chair
2. Thu, 06 Oct 2022 21:18:27 GMT
   Charles Tibbals (ctibbals): Approved for CLASS Review
3. Thu, 06 Oct 2022 21:21:00 GMT
   Annette Folwell (folwell): Approved for 18 Curriculum Committee Chair
   Sean Quinlan (quinlan): Approved for 18 Dean
5. Sat, 08 Oct 2022 00:13:14 GMT
   Ken Udas (kudas): Approved for Provost’s Office
   Steve Stubbs (sstubbs): Approved for Curriculum Review
7. Thu, 27 Oct 2022 17:34:49 GMT
   Rebecca Frost (rfrost): Approved for Degree Audit Review

New Program Proposal
Date Submitted: Tue, 04 Oct 2022 23:43:25 GMT

Viewing: 496 : Strategic Media Management Academic Certificate
Last edit: Thu, 27 Oct 2022 17:34:40 GMT

Changes proposed by: Robin Johnson

Faculty Contact

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Will this request have a fiscal impact of $250K or greater?
No

Academic Level
Graduate

College
Letters Arts & Social Sciences

Department/Unit:
Journalism & Mass Media
Effective Catalog Year
2024-2025

Program Title
Strategic Media Management Academic Certificate

Degree Type
Certificate

Please note: Majors and Certificates over 30 credits need to have a state form approved before the program can be created in Curriculum.

Program Credits
18

CIP Code
09.0702 - Digital Communication and Media/Multimedia.

Will the program be Self-Support?
No

Will the program have a Professional Fee?
No

Will the program have an Online Program Fee?
Yes

Will this program lead to licensure in any state?
No

Will the program be a statewide responsibility?
No

Financial Information

What is the financial impact of the request?
Less than $250,000 per FY

Note: If financial impact is greater than $250,000, you must complete a Program Proposal Form

Describe the financial impact
The certificate is one component of the Master’s in Emerging Media. There will not be an additional financial impact for adding the certificate to the program.

Curriculum:

All required coursework must be completed with a grade of 'B' or better (O-10-b (https://catalog.uidaho.edu/general-requirements-academic-procedures/o-miscellaneous/)).

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<td>JAMM 545</td>
<td>Course JAMM 545 Not Found (Audience Engagement)</td>
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Total Hours 18

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**Student Learning Outcomes**

**Learning Objectives**

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**JAMM Values**

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**JAMM Skills**

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**Rationale for the proposed change. Include an explanation of how the department will manage the added workload, if any.**

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**Reviewer Comments**

Ken Udas (kudas) (Sat, 08 Oct 2022 00:13:09 GMT): With the consent of Dean Quinlan and Robin Johnson, the "Self-Support" program designation was changed from "YES" to "NO".

Key: 496
495: EMERGING MEDIA (MA)

In Workflow
1. 008 Chair (rsjohnson@uidaho.edu)
2. CLASS Review (ctibbals@uidaho.edu)
3. 18 Curriculum Committee Chair (folwell@uidaho.edu)
4. 18 Dean (quinlan@uidaho.edu)
5. Provost's Office (kudas@uidaho.edu; mstout@uidaho.edu; jvalkovic@uidaho.edu; gwen@uidaho.edu)
6. Curriculum Review (sstubbs@uidaho.edu)
7. Degree Audit Review (rfrost@uidaho.edu)
8. Graduate Council Chair (slthomas@uidaho.edu)
9. Registrar's Office (none)
10. Ready for UCC (disable)
11. UCC (none)
12. Faculty Senate Chair (mstout@uidaho.edu; jvalkovic@uidaho.edu; cari@uidaho.edu)
13. Provost's Office (kudas@uidaho.edu; mstout@uidaho.edu; jvalkovic@uidaho.edu; gwen@uidaho.edu)
14. State Approval (mstout@uidaho.edu; jvalkovic@uidaho.edu; lindalundgren@uidaho.edu)
15. NWCCU (sara@uidaho.edu; mstout@uidaho.edu)
16. Steve Stubbs (sstubbs@uidaho.edu)

Approval Path
1. Tue, 04 Oct 2022 23:27:35 GMT
   Robin Johnson (rsjohnson): Approved for 008 Chair
2. Thu, 06 Oct 2022 21:18:22 GMT
   Charles Tibbals (ctibbals): Approved for CLASS Review
3. Thu, 06 Oct 2022 21:20:53 GMT
   Annette Folwell (folwell): Approved for 18 Curriculum Committee Chair
   Sean Quinlan (quinlan): Approved for 18 Dean
5. Sat, 08 Oct 2022 00:12:23 GMT
   Ken Udas (kudas): Approved for Provost's Office
   Steve Stubbs (sstubbs): Approved for Curriculum Review
7. Thu, 27 Oct 2022 17:37:58 GMT
   Rebecca Frost (rfrost): Approved for Degree Audit Review

New Program Proposal
Date Submitted: Tue, 04 Oct 2022 23:26:56 GMT

Viewing: 495: Emerging Media (MA)
Last edit: Thu, 27 Oct 2022 17:37:15 GMT
Changes proposed by: Robin Johnson

Faculty Contact

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Faculty Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robin Johnson</td>
<td><a href="mailto:rsjohnson@uidaho.edu">rsjohnson@uidaho.edu</a></td>
</tr>
</tbody>
</table>

Will this request have a fiscal impact of $250K or greater?
No

Academic Level
Graduate

College
Letters Arts & Social Sciences

Department/Unit:
Journalism & Mass Media
Effective Catalog Year
2024-2025

Program Title
Emerging Media (MA)

Degree Type
Major

Please note: Majors and Certificates over 30 credits need to have a state form approved before the program can be created in Curriculum.

Program Credits
36

Attach Program Change
Emerging_Media_MA-Final.docx

CIP Code
09.0702 - Digital Communication and Media/Multimedia.

Will the program be Self-Support?
No

Will the program have a Professional Fee?
No

Will the program have an Online Program Fee?
Yes

Will this program lead to licensure in any state?
No

Will the program be a statewide responsibility?
No

Financial Information

What is the financial impact of the request?
Less than $250,000 per FY

Note: If financial impact is greater than $250,000, you must complete a Program Proposal Form

Describe the financial impact
Two new, one-year faculty positions at the lecturer rank with an estimated cost of $147,791 with the option of renewing for two additional years will provide capacity to develop and deliver online graduate courses and for the program to reach target enrollment. Additionally, initial fundings is needed for online course development ($30,000), marketing ($15,000) and equipment and software ($16,000).

Curriculum:

Both thesis and non-thesis options are offered. Students on the non-thesis track must complete a media-related project/production.

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<tr>
<th>Code</th>
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<tr>
<td>JAMM 520</td>
<td>Course JAMM 520 Not Found (Social Media and Analytics)</td>
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<td>JAMM 530</td>
<td>Course JAMM 530 Not Found (Trends in Media Law)</td>
<td>3</td>
</tr>
<tr>
<td>JAMM 535</td>
<td>Course JAMM 535 Not Found (Media Entrepreneurship)</td>
<td>3</td>
</tr>
<tr>
<td>JAMM 540</td>
<td>Course JAMM 540 Not Found (Media Planning &amp; Strategy)</td>
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</tr>
<tr>
<td>JAMM 545</td>
<td>Course JAMM 545 Not Found (Audience Engagement)</td>
<td>3</td>
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<tr>
<td>JAMM 560</td>
<td>Course JAMM 560 Not Found (Writing and Editing for Media)</td>
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<tr>
<td>JAMM 565</td>
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<tr>
<td>JAMM 570</td>
<td>Course JAMM 570 Not Found (Storytelling and Development)</td>
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<td>JAMM 575</td>
<td>Course JAMM 575 Not Found (Media Postproduction &amp; Distribution)</td>
<td>3</td>
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Select either the Thesis or Non-Thesis Option:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>JAMM 599</td>
<td>Course JAMM 599 Not Found (Non-Thesis Project)</td>
</tr>
</tbody>
</table>

Total Hours 36

Courses to total 36 credits for this degree

Distance Education Availability

To comply with the requirements of the Idaho State Board of Education (SBOE) and the Northwest Commission on Colleges and Universities (NWCCU) the University of Idaho must declare whether 50% or more of the curricular requirements of a program which may be completed via distance education.

Can 50% or more of the curricular requirements of this program be completed via distance education?
Yes

If Yes, can 100% of the curricular requirements of this program be completed via distance education?
Yes

Note: Existing programs transitioning from less than 50% of its curricular requirements to 50% or more of its requirements being available via distance education is considered a Group C change and must complete the program proposal formwork before these changes will be processed.

Geographical Area Availability

In which of the following geographical areas can this program be completed in person?
Online Only

Student Learning Outcomes

List the intended learning outcomes for program component. Use learner centered statements that indicate what will students know, be able to do, and value or appreciate as a result of completing the program.

The School of Journalism and Mass Media (JAMM) curriculum for the Emerging Media MA will enable our students to learn the following values and skills to prepare them for work and citizenship in a diverse and global society:

JAMM Values
1. Apply the principles and laws of freedom of speech and press in a global context and in the United States
2. Demonstrate an understanding of the multicultural history and role of professionals, individuals and institutions in shaping communications
3. Demonstrate culturally proficient communication that empowers those traditionally disenfranchised in society, especially as grounded in gender, race, ethnicity, sexual orientation and ability, domestically and globally, across communication and media contexts
4. Understand concepts and apply theories in the use and presentation of images and information
5. Demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth, accuracy, fairness and diversity

JAMM Skills
1. Apply critical thinking skills in conducting research and evaluating information by methods appropriate to the communications professions in which they work
2. Write correctly and clearly in forms and styles appropriate for the communications professions, audiences and purposes they serve
3. Critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness
4. Apply basic numerical and statistical concepts
5. Apply tools and technologies appropriate for the communications professions in which they work

Describe the assessment process that will be used to evaluate how well students are achieving the intended learning outcomes of the program component.

Assessment begins with an understanding that a well-developed graduate curriculum guides students through high levels of knowledge and skill acquisition of learning outcomes. Students should become aware of a program’s learning outcomes and be able to demonstrate the ability to apply knowledge of learning outcomes in courses and particularly in written and oral examinations and thesis projects.

The general assessment strategy for the school is to directly measure whether students are aware, understand and can apply learning outcomes at different waypoints in the curriculum. Doing so will allow the faculty to analyze the attainment of learning outcomes at each waypoint and make changes to improve teaching and learning where it is needed.

An assessment map will provide an overview of the required courses for each learning outcome and the master’s level of knowledge and skill acquisition of the learning outcomes. Each course on the assessment map includes associated learning outcomes on its syllabus, and course instructors deploy teaching and learning strategies designed to provide students with an application of the learning outcomes. Syllabi are collected each semester and examined for inclusion of learning outcomes.
How will you ensure that the assessment findings will be used to improve the program?

The university’s assessment of program-level student learning outcomes ensures student achievement and continuous program-level improvement. Each year faculty and administrators of academic programs collect and analyze data and determine how to improve teaching and learning based on the results. The school adopts the annual assessment reporting deadlines established by the university.

The assessment report for the graduate academic program will provide the basis for discussion among faculty on any curriculum changes needed during the Fall faculty retreat typically held the week before Fall classes begin. Changes implemented during faculty meetings will be included in that year’s annual report.

What direct and indirect measures will be used to assess student learning?

Direct measurement tools are developed and deployed to determine whether learning outcomes are being met, and best practices dictate that the measurement tools provide faculty and assessors with tools and data that are replicable and reliable. Direct measures are derived from assignments, exams or other instruments assigned to students by instructors or specialized instruments with no grading component in the course. The materials should be analyzed by faculty members, professionals or knowledge experts independent of the course or course grades using rubrics or other methods designed to measure knowledge acquisition of learning outcomes.

Non Thesis projects demonstrating the application of professional knowledge and skills will be assessed by members of JAMM’s Professional Advisory Board or other media professionals and facilitated by faculty members.

When will assessment activities occur and at what frequency?

The director or the director’s designate (graduate director) is responsible for managing the assessment strategy and process. The school’s faculty is collectively responsible for using assessment information to guide curricular improvements.

At the beginning of a semester, instructors of courses on the assessment maps will be notified of any direct measurement tools that need to be created or existing tools that will be used to collect data. The instructors will be responsible for deploying the tool, collecting or capturing the data or materials needed for assessment, and providing the materials or data to the director or designate. The school uses a schedule that includes semiannual, annual and biennial data collection and analysis to balance the scope of assessment activities with the size of the faculty.

Student Learning Outcomes

Learning Objectives

The School of Journalism and Mass Media (JAMM) curriculum for the Emerging Media MA will enable our students to learn the following values and skills to prepare them for work and citizenship in a diverse and global society:

JAMM Values
1. Apply the principles and laws of freedom of speech and press in a global context and in the United States
2. Demonstrate an understanding of the multicultural history and role of professionals, individuals and institutions in shaping communications
3. Demonstrate culturally proficient communication that empowers those traditionally disenfranchised in society, especially as grounded in gender, race, ethnicity, sexual orientation and ability, domestically and globally, across communication and media contexts
4. Understand concepts and apply theories in the use and presentation of images and information
5. Demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth, accuracy, fairness and diversity

JAMM Skills
1. Apply critical thinking skills in conducting research and evaluating information by methods appropriate to the communications professions in which they work
2. Write correctly and clearly in forms and styles appropriate for the communications professions, audiences and purposes they serve
3. Critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness
4. Apply basic numerical and statistical concepts
5. Apply tools and technologies appropriate for the communications professions in which they work

Rationale for the proposed change. Include an explanation of how the department will manage the added workload, if any.

A complete description of the rationale, program need and impact on the department can be found in the Idaho State Board of Education Proposal, Emerging Media ROI spreadsheet and the Budget Spreadsheet attached as supporting documents.

Supporting Documents

JAMM Emerging Media ROI New program_final.xlsx
Budget_EmergingMedia_MA_final.xlsx

Reviewer Comments

Ken Udas (kus) (Sat, 08 Oct 2022 00:02:04 GMT): Funding for this program will be a combination of College and Digital Learning funds.
Ken Udas (kudas) (Sat, 08 Oct 2022 00:12:09 GMT): With the consent of Dean Quinlan and Robin Johnson, the "Self-Support" program designation was changed from "YES" to "NO".

Key: 495
485: DUAL CREDIT INSTRUCTOR CERTIFICATE

In Workflow
1. 459 Chair (tcraney@uidaho.edu)
2. 15 Curriculum Committee Chair (akitchel@uidaho.edu)
3. 15 Dean (bblevins@uidaho.edu)
4. Provost's Office (kudas@uidaho.edu; mstout@uidaho.edu; jvalkovic@uidaho.edu; gwen@uidaho.edu)
5. Curriculum Review (sstubbs@uidaho.edu)
6. Degree Audit Review (rfrost@uidaho.edu)
7. Graduate Council Chair (slthomas@uidaho.edu)
8. Registrar's Office (none)
9. Ready for UCC (disable)
10. UCC (none)
11. Faculty Senate Chair (mstout@uidaho.edu; jvalkovic@uidaho.edu; cari@uidaho.edu)
12. Provost's Office (kudas@uidaho.edu; mstout@uidaho.edu; jvalkovic@uidaho.edu; gwen@uidaho.edu)
13. State Approval (mstout@uidaho.edu; jvalkovic@uidaho.edu; lindalundgren@uidaho.edu)
14. NWCCU (sara@uidaho.edu; mstout@uidaho.edu)
15. Steve Stubbs (sstubbs@uidaho.edu)

Approval Path
1. Thu, 08 Sep 2022 17:54:48 GMT
   Taylor Raney (tcraney): Approved for 459 Chair
2. Tue, 13 Sep 2022 20:25:27 GMT
   Allen Kitchel (akitchel): Rollback to Initiator
3. Tue, 13 Sep 2022 20:32:41 GMT
   Taylor Raney (tcraney): Approved for 459 Chair
4. Wed, 14 Sep 2022 21:02:22 GMT
   Allen Kitchel (akitchel): Rollback to Initiator
5. Wed, 14 Sep 2022 21:05:10 GMT
   Taylor Raney (tcraney): Approved for 459 Chair
6. Fri, 30 Sep 2022 18:37:45 GMT
   Allen Kitchel (akitchel): Approved for 15 Curriculum Committee Chair
7. Fri, 30 Sep 2022 20:45:30 GMT
   Philip Scruggs (pwscruggs): Approved for 15 Dean
8. Fri, 07 Oct 2022 23:34:34 GMT
   Ken Udas (kudas): Approved for Provost's Office
   Steve Stubbs (sstubbs): Approved for Curriculum Review
    Rebecca Frost (rfrost): Approved for Degree Audit Review

New Program Proposal
Date Submitted: Wed, 14 Sep 2022 21:04:59 GMT

Viewing: 485 : Dual Credit Instructor Certificate
Last edit: Mon, 17 Oct 2022 19:13:01 GMT
Changes proposed by: Taylor Raney

Faculty Contact

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Faculty Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taylor Raney</td>
<td><a href="mailto:tcraney@uidaho.edu">tcraney@uidaho.edu</a></td>
</tr>
</tbody>
</table>

Will this request have a fiscal impact of $250K or greater?
No

Academic Level
Graduate

College
Education, Health & Human Sci
**Department/Unit:**  
Curriculum & Instruction

**Effective Catalog Year**  
2023-2024

**Program Title**  
Dual Credit Instructor Certificate

**Degree Type**  
Certificate

Please note: Majors and Certificates over 30 credits need to have a state form approved before the program can be created in Curriculum.

**Program Credits**  
18

**CIP Code**  

**Will the program be Self-Support?**  
No

**Will the program have a Professional Fee?**  
No

**Will the program have an Online Program Fee?**  
No

**Will this program lead to licensure in any state?**  
No

**Will the program be a statewide responsibility?**  
Yes

**Financial Information**

**What is the financial impact of the request?**  
Less than $250,000 per FY

**Note:** If financial impact is greater than $250,000, you must complete a Program Proposal Form

**Curriculum:**

All required coursework must be completed with a grade of ‘C’ or better (O-10-a (https://catalog.uidaho.edu/general-requirements-academic-procedures/o-miscellaneous/)).

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<tr>
<td>EDCI 420</td>
<td>Gender and Sexual Diversity in Schools</td>
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</tr>
<tr>
<td>EDCI 421</td>
<td>Racial and Ethnic Diversity in Schools</td>
<td></td>
</tr>
<tr>
<td>EDCI 422</td>
<td>Socio-Economic Diversity in Rural Schools</td>
<td></td>
</tr>
<tr>
<td>EDCI 424</td>
<td>Universal Design in Learning</td>
<td></td>
</tr>
<tr>
<td>EDCI 426</td>
<td>Working with Native American Students and Communities</td>
<td></td>
</tr>
</tbody>
</table>

**500-Level EDCI or EDSP electives**

**Content-Specific Coursework**

**Select graduate-level coursework in discipline to be taught in dual credit class**

**Total Hours**

18

Courses to total 18 credits for this certificate
Distance Education Availability

To comply with the requirements of the Idaho State Board of Education (SBOE) and the Northwest Commission on Colleges and Universities (NWCCU) the University of Idaho must declare whether 50% or more of the curricular requirements of a program which may be completed via distance education.

Can 50% or more of the curricular requirements of this program be completed via distance education?
Yes

If Yes, can 100% of the curricular requirements of this program be completed via distance education?
Yes

Note: Existing programs transitioning from less than 50% of its curricular requirements to 50% or more of its requirements being available via distance education is considered a Group C change and must complete the program proposal formwork before these changes will be processed.

Geographical Area Availability

In which of the following geographical areas can this program be completed in person?
Boise
Moscow
Online Only

Student Learning Outcomes

List the intended learning outcomes for program component. Use learner centered statements that indicate what will students know, be able to do, and value or appreciate as a result of completing the program.

Candidates for the Dual Credit Instructor Certificate will further their instructional and disciplinary expertise. Completers will have implemented new models for teaching dual credit courses.

Describe the assessment process that will be used to evaluate how well students are achieving the intended learning outcomes of the program component.

The assessment process will fall under the currently-approved model implemented in the Department of Curriculum and Instruction using validated signature assignments and a cycle of review on outcomes.

How will you ensure that the assessment findings will be used to improve the program?
Signature assignment outcomes are examined annually by departmental faculty for adherence to program desired outcomes.

What direct and indirect measures will be used to assess student learning?
Direct: projects, presentations, portfolio artifacts
Indirect: end-of-course evaluation surveys, alumni satisfaction survey, employer satisfaction survey

When will assessment activities occur and at what frequency?
Direct assessments occur in each course each semester, as do end-of-course evaluation surveys. The alumni and employer surveys are administered annually.

Student Learning Outcomes

Learning Objectives
Program completers demonstrate a deep understanding of the teaching and learning process.
Program completers understand how educational research is used to create knowledge while improving instructional practice.

Rationale for the proposed change. Include an explanation of how the department will manage the added workload, if any.
The Department of Curriculum and Instruction, in collaboration with the Dual Credit Program and Office of the Provost, seeks to create a certificate for high school instructors teaching dual credit courses. This will allow for a waiver of the requirement that these individuals hold graduate degrees in their disciplines prior to teaching dual credit courses.

Reviewer Comments

Allen Kitchel (akitchel) (Tue, 13 Sep 2022 20:25:27 GMT): Rollback: Item passed "conceptually" during CCC meeting 9/12. Returned to Taylor for editorial updates per CCC request. Once edits are implemented, CCC will then have the opportunity to see the final version.

Allen Kitchel (akitchel) (Wed, 14 Sep 2022 21:02:22 GMT): Rollback: Further edits

Key: 485
484: CRIMINOLOGY (MS)

In Workflow
1. 033 Chair (bwolf@uidaho.edu)
2. CLASS Review (ctibbals@uidaho.edu)
3. 18 Dean (quinlan@uidaho.edu)
4. Provost's Office (kudas@uidaho.edu; mstout@uidaho.edu; jvalkovic@uidaho.edu; gwen@uidaho.edu)
5. Curriculum Review (sstubbs@uidaho.edu)
6. Degree Audit Review (rfrost@uidaho.edu)
7. Graduate Council Chair (stlthomas@uidaho.edu)
8. Registrar's Office (none)
9. Ready for UCC (disable)
10. UCC (none)
11. Faculty Senate Chair (mstout@uidaho.edu; jvalkovic@uidaho.edu; cari@uidaho.edu)
12. Provost's Office (kudas@uidaho.edu; mstout@uidaho.edu; jvalkovic@uidaho.edu; gwen@uidaho.edu)
13. State Approval (mstout@uidaho.edu; jvalkovic@uidaho.edu; lindalundgren@uidaho.edu)
14. NWCCU (sara@uidaho.edu; mstout@uidaho.edu)
15. Steve Stubbs (sstubbs@uidaho.edu)

Approval Path
1. Mon, 12 Sep 2022 00:03:56 GMT
   Brian Wolf (bwolf): Approved for 033 Chair
2. Mon, 19 Sep 2022 21:08:10 GMT
   Charles Tibbals (ctibbals): Approved for CLASS Review
3. Mon, 19 Sep 2022 21:14:20 GMT
   Annette Folwell (folwell): Approved for 18 Curriculum Committee Chair
4. Mon, 19 Sep 2022 23:56:02 GMT
   Sean Quinlan (quinlan): Rollback to CLASS Review for 18 Dean
5. Tue, 20 Sep 2022 15:01:16 GMT
   Charles Tibbals (ctibbals): Approved for CLASS Review
6. Tue, 20 Sep 2022 22:24:07 GMT
   Annette Folwell (folwell): Approved for 18 Curriculum Committee Chair
7. Tue, 20 Sep 2022 23:49:08 GMT
   Sean Quinlan (quinlan): Approved for 18 Dean
8. Sat, 08 Oct 2022 00:28:03 GMT
   Ken Udas (kudas): Approved for Provost's Office
   Theodore Unzicker (tunzicker): Rollback to 18 Curriculum Committee Chair for Curriculum Review
    Sean Quinlan (quinlan): Approved for 18 Dean
    Gwen Gorzelsky (gwen): Approved for Provost's Office
    Steve Stubbs (sstubbs): Approved for Curriculum Review
13. Thu, 27 Oct 2022 17:33:00 GMT
    Rebecca Frost (rfrost): Approved for Degree Audit Review

New Program Proposal
Date Submitted: Thu, 08 Sep 2022 17:10:19 GMT

Viewing: 484 : Criminology (MS)
Last edit: Wed, 19 Oct 2022 19:22:34 GMT
Changes proposed by: Brian Wolf

Faculty Contact
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<tbody>
<tr>
<td>Brian Wolf</td>
<td><a href="mailto:bwolf@uidaho.edu">bwolf@uidaho.edu</a></td>
</tr>
</tbody>
</table>

Will this request have a fiscal impact of $250K or greater?
No
Academic Level
Graduate

College
Letters Arts & Social Sciences

Department/Unit:
Culture, Society and Justice

Effective Catalog Year
2024-2025

Program Title
Criminology (MS)

Degree Type
Major

Please note: Majors and Certificates over 30 credits need to have a state form approved before the program can be created in Curriculum.

Program Credits
30

CIP Code
45.0401 - Criminology.

Will the program be Self-Support?
No

Will the program have a Professional Fee?
No

Will the program have an Online Program Fee?
Yes

Will this program lead to licensure in any state?
No

Will the program be a statewide responsibility?
No

Financial Information

What is the financial impact of the request?
Less than $250,000 per FY

Note: If financial impact is greater than $250,000, you must complete a Program Proposal Form

Describe the financial impact

Market analysis has demonstrated that Idaho and the region is underserved by advanced programing in criminology. CSJ would need two tenure track lines to support this program, as well as some marketing support. We have submitted a budget request showing an expenditure of around $200,000 per annum with about $150,000 in seed money needed in the first year, with the program "breaking even" in the second year, and improving the net position of the university by about $60,000, $120,000, $180,000 by the third, fourth and fifth year respectively. In all, this proposal is proposing to generate $362,000 in net revenue by the fifth year. (see attached budget). While the annual impact is less than $250,000 a Program Proposal Form will accompany this at the college review. (note: As of Sept 12, this is attached here as a mostly completed draft, we are still awaiting enrollment figures at Boise State from IR, and anticipate small changes to the budget and proposal).

Curriculum:

Both thesis and non-thesis options are offered. Of the minimum of 30 credits required at least 18 must be in courses at the 500s level and the remainder may include 400s level courses in the majors and 300s and 400s level courses in supporting areas. Students on the non-thesis track must complete a major paper, written examination, or substantive policy/program evaluation.
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
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<tr>
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</tr>
<tr>
<td></td>
<td>Nine credits of electives $^1$</td>
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<tr>
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</table>

**Total Hours**: 30

1. Six credits must be in graduate level electives offered through the criminology program. The remaining three credits may be in criminology-related coursework taken through another program with permission of the student's advisor.

2. Students may use directed study credits in lieu of the Thesis or Non-Thesis option with the permission of the student's major professor.

**Distance Education Availability**

To comply with the requirements of the Idaho State Board of Education (SBOE) and the Northwest Commission on Colleges and Universities (NWCCU) the University of Idaho must declare whether 50% or more of the curricular requirements of a program which may be completed via distance education.

**Can 50% or more of the curricular requirements of this program be completed via distance education?**

Yes

**If Yes, can 100% of the curricular requirements of this program be completed via distance education?**

Yes

Note: Existing programs transitioning from less than 50% of its curricular requirements to 50% or more of its requirements being available via distance education is considered a Group C change and must complete the program proposal formwork before these changes will be processed.

**Geographical Area Availability**

In which of the following geographical areas can this program be completed in person?

Moscow

**Student Learning Outcomes**

List the intended learning outcomes for program component. Use learner centered statements that indicate what will students know, be able to do, and value or appreciate as a result of completing the program.

1. Theoretical perspective: Students will demonstrate an understanding of the origins of criminal behavior, society's response to crime, and the consequences of crime to our society, utilizing multiple theoretical perspectives (perspective).
2. Justice and ethics: Students will articulate the ethical and social justice implications of criminology and justice studies (communicate).
3. Research Methods: Students will demonstrate knowledge of methodological approaches used by social scientists to understand crime and crime control (think and create).
4. Human diversity: Students will analyze and interpret the diversity of social experience associated with criminology and social justice issues, especially as they relate to race, class, gender, age sexual preference, religion and nationality (learn and integrate).

**Describe the assessment process that will be used to evaluate how well students are achieving the intended learning outcomes of the program component.**

A senior (tenured) member of the criminology faculty will be responsible for implementing the assessment program. This will be considered part of the normal service responsibility of the faculty appointed to the role of assessment coordinator.

At the conclusion of the year, the assessment coordinator will meet with the program assessment committee to review the findings and make recommendations for improvement.

The program learning outcomes will be measured and assessed through the following process:

1. Written assignment (thesis or final project) from student that demonstrates and synthesizes knowledge in all four learning outcomes
2. Direct measures using a portfolio collected as part of their second-year degree requirements
How will you ensure that the assessment findings will be used to improve the program?
A graduate assessment committee will review the findings and discuss changes to implement.

What direct and indirect measures will be used to assess student learning?
Direct: Portfolio of work collected at graduation
Indirect: Graduating student survey

When will assessment activities occur and at what frequency?
Assessment will occur in April, or the end of the academic year.

Student Learning Outcomes

Learning Objectives
1. Theoretical perspective: Students will demonstrate an understanding of the origins of criminal behavior, society's response to crime, and the consequences of crime to our society, utilizing multiple theoretical perspectives (perspective).
2. Justice and ethics: Students will articulate the ethical and social justice implications of criminology and justice studies (communicate).
3. Research Methods: Students will demonstrate knowledge of methodological approaches used by social scientists to understand crime and crime control (think and create).
4. Human diversity: Students will analyze and interpret the diversity of social experience associated with criminology and social justice issues, especially as they relate to race, class, gender, age, sexual preference, religion and nationality (learn and integrate).

Rationale for the proposed change. Include an explanation of how the department will manage the added workload, if any.
The research firm, Gray and Associates, has identified a need and demand for students with advanced training in criminology. This report estimates an "mid-range" enrollment of about 46 students. Using a conservative underestimate of this research, we are anticipating that the program will generate a ROI of $180,000 per annum by the fifth year (see budget proposal). While CSJ needs two lines to make this work, as with our online program from five years ago, the net growth will help support the other programs in the unit. This budget and market analysis is attached.

Supporting Documents
2021 06 29 v11 emr FINAL Criminology Master_s.pdf
Criminology ROI Budget Proposal (3).pdf
2022 Graduate Proposal Crim.docx

Reviewer Comments
Sean Quinlan (quinlan) (Mon, 19 Sep 2022 23:56:02 GMT): Rollback: Thesis/non-thesis option needs to be double checked.
Ken Udas (kudas) (Sat, 08 Oct 2022 00:27:51 GMT): With the consent of Dean Quinlan, the "Self-Support" program designation was changed from "YES" to "NO". Have confirmed that there is no request for budgetary support.

Key: 484
481: GRADUATE CERTIFICATE IN PROFESSIONAL APPLICATIONS OF DATA SCIENCE

In Workflow
1. 452 Chair (hohenlohe@uidaho.edu)
2. 19 Curriculum Committee Chair (markn@uidaho.edu)
3. 19 Dean (gingercarney@uidaho.edu)
4. Provost's Office (kudas@uidaho.edu; mstout@uidaho.edu; jvalkovic@uidaho.edu; gwen@uidaho.edu)
5. Curriculum Review (sstubbs@uidaho.edu)
6. Degree Audit Review (rfrost@uidaho.edu)
7. Graduate Council Chair (slthomas@uidaho.edu)
8. Registrar's Office (none)
9. Ready for UCC (disable)
10. UCC (none)
11. Faculty Senate Chair (mstout@uidaho.edu; jvalkovic@uidaho.edu; cari@uidaho.edu)
12. Provost's Office (kudas@uidaho.edu; mstout@uidaho.edu; jvalkovic@uidaho.edu; gwen@uidaho.edu)
13. State Approval (mstout@uidaho.edu; jvalkovic@uidaho.edu; lindalundgren@uidaho.edu)
14. NWCCU (sara@uidaho.edu; mstout@uidaho.edu)
15. Steve Stubbs (sstubbs@uidaho.edu)

Approval Path
1. Fri, 16 Sep 2022 20:56:51 GMT
   Paul Hohenlohe (hohenlohe): Approved for 452 Chair
   Mark Nielsen (markn): Approved for 19 Curriculum Committee Chair
3. Mon, 03 Oct 2022 22:06:42 GMT
   Ginger Carney (gingercarney): Approved for 19 Dean
4. Thu, 06 Oct 2022 22:20:59 GMT
   Ken Udas (kudas): Approved for Provost's Office
5. Wed, 12 Oct 2022 17:44:38 GMT
   Steve Stubbs (sstubbs): Approved for Curriculum Review
   Rebecca Frost (rfrost): Approved for Degree Audit Review

New Program Proposal
Date Submitted: Fri, 16 Sep 2022 18:59:11 GMT

Viewing: 481: Graduate Certificate in Professional Applications of Data Science
Last edit: Mon, 17 Oct 2022 19:11:52 GMT
Changes proposed by: Barrie Robison

Faculty Contact

<table>
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<tr>
<th>Faculty Name</th>
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<tbody>
<tr>
<td>Barrie Robison</td>
<td><a href="mailto:brobison@uidaho.edu">brobison@uidaho.edu</a></td>
</tr>
</tbody>
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Will this request have a fiscal impact of $250K or greater?
No

Academic Level
Graduate

College
Science

Department/Unit:
Bioinformatics & Comp Biology

Effective Catalog Year
2023-2024
Program Title
Graduate Certificate in Professional Applications of Data Science

Degree Type
Certificate

Please note: Majors and Certificates over 30 credits need to have a state form approved before the program can be created in Curriculum.

Program Credits
12

CIP Code
30.7001-30.7001

Will the program be Self-Support?
No

Will the program have a Professional Fee?
No

Will the program have an Online Program Fee?
Yes

Will this program lead to licensure in any state?
No

Will the program be a statewide responsibility?
No

Financial Information

What is the financial impact of the request?
Less than $250,000 per FY

Note: If financial impact is greater than $250,000, you must complete a Program Proposal Form.

Describe the financial impact

Financial Costs:
1. The certificate requires some new courses (Data Visualization, Communicating with Data, Online Portfolio Review). Dr. Robison has committed to creating and teaching these courses as part of his regular teaching assignment. No new faculty effort is required.
2. The certificate will require administrative oversight, which will be provided by the BCB admin staff with support from CoS.
3. The certificate will benefit from advertising and marketing. These investments will be at the sole discretion of the Dean of the College of Science.

Financial Benefits:
1. New enrollments from the private and public sector. We designed the certificate to benefit individuals working in sectors that have growing demand for data skills. Enrollment by these individuals would be new revenue.
2. Recruitment of new graduate students: The certificate could be pursued alongside a PHD degree, increasing marketability of our graduating PHDs. This could be leveraged to improve recruitment.
3. Recruitment of new undergraduate students: The certificate could be pursued by certain (eligible) undergraduates alongside a bachelors degree. This could be leveraged to improve recruitment.
4. Industry engagement: The certificate could be expanded (in terms of electives) to accommodate the needs of industry partners, potentially creating job pipelines and internship opportunities.

Curriculum:

Prerequisites:
A Bachelor's degree OR the student has senior standing and is enrolled in a bachelor's degree program at the University of Idaho. All required coursework must be completed with a grade of ‘B’ or better (O-10-b (https://catalog.uidaho.edu/general-requirements-academic-procedures/o-miscellaneous/)).

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**Electives (Choose 1 of the following)**

- AVS 531 Practical Methods in Analyzing Animal Science Experiments
- BE 521 Image Processing and Computer Vision
- BIOL 526 Systems Biology
- BIOL 545 Phylogenetics
- BE 541 Instrumentation and Measurements
- BIOL 549 Computer Skills for Biologists
- BIOL 563 Mathematical Genetics
- CE 526 Aquatic Habitat Modeling
- CE 579 Simulation of Transportation Systems
- CS 511 Parallel Programming
- CS 515 Computational Biology: Sequence Analysis
- CS 547 Digital Forensics
- CS 570 Artificial Intelligence
- CS 574 Deep Learning
- CS 575 Machine Learning
- CS 577 Python for Machine Learning
- ED 571 Introduction to Quantitative Research
- CS 572 Evolutionary Computation
- CS 578 Neural Network Design
- CS 579 Data Science
- CS 589 Semantic Web and Open Data
- GEOG 507 Spatial Analysis and Modeling
- GEOG 583 Remote Sensing IMAGE ANALYSIS/GIS Integration
- MATH 538 Stochastic Models
- MIS 555 Data Management for Big Data
- STAT 431 Statistical Analysis
- STAT 514 Nonparametric Statistics
- STAT 516 Applied Regression Modeling
- STAT 517 Statistical Learning and Predictive Modeling
- STAT 519 Multivariate Analysis
- STAT 535 Introduction to Bayesian Statistics
- STAT 555 Statistical Ecology
- STAT 565 Computer Intensive Statistics
- ED 584 Univariate Quantitative Research in Education
- ED 587 Multivariate Quantitative Analysis in Education
- ED 589 Theoretical Applications and Designs of Qualitative Research
- ED 590 Data Analysis and Interpretation of Qualitative Research
- ED 591 Indigenous and Decolonizing Research Methods
- ED 592 Decolonizing, Indigenous, and Action-Based Research Methods
- ED 595 Survey Design for Social Science Research
- EDAD 570 Methods of Educational Research
- POLS 558 Research Methods for Local Government and Community Administration
- ENVS 511 Data Wizardry in Environmental Sciences
- ENVS 551 Research Methods in the Environmental Social Sciences
- FOR 514 Forest Biometrics
- FOR 535 Remote Sensing of Fire
- NRS 578 LIDAR and Optical Remote Sensing Analysis
- REM 507 Landscape and Habitat Dynamics
- WLF 552 Ecological Modeling
- WLF 555 Statistical Ecology
- WR 552 Water Economics and Policy Analysis

**Total Hours** 12

*Additional electives could be added to this list with approval from the Certificate Coordinator or BCB Director.*
Courses to total 12 credits for this certificate

Distance Education Availability

To comply with the requirements of the Idaho State Board of Education (SBOE) and the Northwest Commission on Colleges and Universities (NWCCU) the University of Idaho must declare whether 50% or more of the curricular requirements of a program which may be completed via distance education.

Can 50% or more of the curricular requirements of this program be completed via distance education?

Yes

If Yes, can 100% of the curricular requirements of this program be completed via distance education?

Yes

Note: Existing programs transitioning from less than 50% of its curricular requirements to 50% or more of its requirements being available via distance education is considered a Group C change and must complete the program proposal formwork before these changes will be processed.

Geographical Area Availability

In which of the following geographical areas can this program be completed in person?

Moscow

Student Learning Outcomes

List the intended learning outcomes for program component. Use learner centered statements that indicate what will students know, be able to do, and value or appreciate as a result of completing the program.

Upon completion of the certificate, students will be able to:

- Use open-source software to reproducibly manage, analyze, and visualize large, complex, and noisy data sets.
- Practice high quality and ethical data stewardship.
- Understand and execute data exploration.
- Effectively communicate data driven insights to experts and non-experts.
- Demonstrate their skills with an online portfolio of analyses and visualizations relevant to their field of specialization.

Describe the assessment process that will be used to evaluate how well students are achieving the intended learning outcomes of the program component.

1. Exams and assignments set by the individual instructor in each course of the certificate.
2. Review of an online portfolio of data science products, including FAIR data repositories, analyzes, visualizations, online presentations, literate programming examples, git repositories, and other elements.
3. Interviews or surveys upon conferral of the certificate.

How will you ensure that the assessment findings will be used to improve the program?

A faculty member will be designated to oversee the certificate, evaluate and synthesize the assessment data, and coordinate with faculty teaching the certificate courses. This faculty member will work with the BCB Director and staff to complete all assessment activities as part of the BCB assessment process.

What direct and indirect measures will be used to assess student learning?

Direct measures: Exams and assignments embedded in each certificate course. Portfolio review.
Indirect measures: Course evaluations from key certificate course. Exit interviews or surveys of certificate awardees.

When will assessment activities occur and at what frequency?

Direct measures will be conducted each academic year in the summer.
Indirect measures will be analyzed each academic year in the summer (course evals), or at the end of each semester (interviews or surveys).

Student Learning Outcomes

Learning Objectives

Student Learning Outcomes:

Upon completion of the certificate, students will be able to:

- Use open-source software to reproducibly manage, analyze, and visualize large, complex, and noisy data sets.
- Practice high quality and ethical data stewardship.
- Understand and execute data exploration.
Effectively communicate data driven insights to experts and non-experts.
Demonstrate their skills with an online portfolio of analyses and visualizations relevant to their field of specialization.

### Rationale for the proposed change: Include an explanation of how the department will manage the added workload, if any.

The University of Idaho’s value proposition for an Applied Data Science Certificate:
The graduate certificate in Applied Data Science will provide unique value to UI constituencies by:
1. Aligning data science training with fields of nascent demand that are part of our land grant mission, including Agriculture, Natural Resources, and Education.
2. Requiring a digital data science portfolio with which students can demonstrate their proficiencies to potential employers.
3. Emphasizing training in data communication - including verbal presentation and data visualization - two components of data science that are underrepresented in competing certificates.
4. Offering a unique data science certificate that is appropriate for professionals with a bachelor’s degree who do not have a rigorous background in mathematics, statistics, or computer science.

**Intended Audience:**
This certificate leverages the University of Idaho’s interdisciplinary culture to provide integrative training in the foundations of data science. It is intended for:
Working professionals with a bachelor’s degree whose career increasingly involves the generation, management, analysis, and visualization of large data sets. The certificate is appropriate for professionals in STEM fields, Health Care, Business, Government, Education, Journalism, Athletics, Natural Resources, and Agriculture.
Graduate students in programs outside of the core technical disciplines of data science (statistics, math, engineering, or computer science). The certificate will complement disciplinary research methods courses with training in data management, visualization, and communication.
Undergraduates at the UI who wish to incorporate data science training into their degree and graduate with a Bachelor’s degree and a graduate certificate.
Graduate students at the UI or elsewhere who wish to incorporate data science training into their degree.

**Supporting Documents**
CertSummarySep9.pdf

**Reviewer Comments**

**Ken Udas (kudas) (Tue, 04 Oct 2022 23:00:23 GMT):** At the submitter’s request, I updated the proposal form to indicate that an Online Program Fee will be applied. - Ken Udas
**479: GEOGRAPHIC INFORMATION SYSTEMS ACADEMIC CERTIFICATE**

In Workflow
1. Geol/Geog Review (renee@uidaho.edu)
2. 225 Chair (alistair@uidaho.edu)
3. 19 Curriculum Committee Chair (markn@uidaho.edu)
4. 19 Dean (gingercarney@uidaho.edu)
5. Provost's Office (kudas@uidaho.edu; mstout@uidaho.edu; jvalkovic@uidaho.edu; gwen@uidaho.edu)
6. Curriculum Review (sstubbs@uidaho.edu)
7. Degree Audit Review (rfrost@uidaho.edu)
8. Graduate Council Chair (slthomas@uidaho.edu)
9. Registrar's Office (none)
10. Ready for UCC (disable)
11. UCC (none)
12. Post-UCC Registrar (none)
13. Faculty Senate Chair (mstout@uidaho.edu; jvalkovic@uidaho.edu; cari@uidaho.edu)
14. State Approval (mstout@uidaho.edu; jvalkovic@uidaho.edu; lindalundgren@uidaho.edu)
15. NWCCU (sara@uidaho.edu; mstout@uidaho.edu)
16. Steve Stubbs (sstubbs@uidaho.edu)

Approval Path
1. Wed, 06 Apr 2022 19:53:25 GMT
   Renee Jensen-Hasfurther (renee): Approved for Geol/Geog Review
2. Wed, 06 Apr 2022 22:04:19 GMT
   Alistair Smith (alistair): Approved for 225 Chair
3. Thu, 05 May 2022 23:15:02 GMT
   Mark Nielsen (markn): Rollback to 225 Chair for 19 Curriculum Committee Chair
4. Thu, 05 May 2022 23:54:14 GMT
   Alistair Smith (alistair): Approved for 225 Chair
5. Thu, 22 Sep 2022 18:20:48 GMT
   Mark Nielsen (markn): Rollback to 225 Chair for 19 Curriculum Committee Chair
   Alistair Smith (alistair): Approved for 225 Chair
7. Mon, 03 Oct 2022 18:12:12 GMT
   Mark Nielsen (markn): Approved for 19 Curriculum Committee Chair
8. Mon, 03 Oct 2022 22:05:35 GMT
   Ginger Carney (gingercarney): Approved for 19 Dean
   Ken Udas (kudas): Approved for Provost's Office
10. Wed, 12 Oct 2022 17:41:44 GMT
    Steve Stubbs (sstubbs): Approved for Curriculum Review
    Rebecca Frost (rfrost): Approved for Degree Audit Review

New Program Proposal
Date Submitted: Wed, 06 Apr 2022 18:59:45 GMT

Viewing: 479: Geographic Information Systems Academic Certificate

Last edit: Mon, 17 Oct 2022 19:07:34 GMT

Changes proposed by: Renee Love

Faculty Contact

<table>
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<th>Faculty Name</th>
<th>Faculty Email</th>
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<tbody>
<tr>
<td>Renee Love</td>
<td><a href="mailto:rlove@uidaho.edu">rlove@uidaho.edu</a></td>
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Will this request have a fiscal impact of $250K or greater?
No
Academic Level
Graduate

College
Science

Department/Unit:
Geography & Geological Sciences

Effective Catalog Year
2023-2024

Program Title
Geographic Information Systems Academic Certificate

Degree Type
Certificate

Please note: Majors and Certificates over 30 credits need to have a state form approved before the program can be created in Curriculum.

Program Credits
15

CIP Code
45.0702 - Geographic Information Science and Cartography.

Will the program be Self-Support?
No

Will the program have a Professional Fee?
No

Will the program have an Online Program Fee?
Yes

Will this program lead to licensure in any state?
No

Will the program be a statewide responsibility?
No

Financial Information

What is the financial impact of the request?
Less than $250,000 per FY

Note: If financial impact is greater than $250,000, you must complete a Program Proposal Form

Describe the financial impact
None

Curriculum:

All required coursework must be completed with a grade of 'B' or better (O-10- (https://catalog.uidaho.edu/general-requirements-academic-procedures/o-miscellaneous/b)).

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Select 6 credits of electives from the following: (See note below about limits to the total number of credits allowed from outside the Earth and Spatial Sciences department.)
GEOG 402 GIS Skills Development
GEOG 475 Intermediate GIS
GEOG 507 Spatial Analysis and Modeling
GEOG 414 Socioeconomic Applications of GIS
GEOG 479 GIS Programming
GEOG 487 Topics in Geospatial Analysis
REM 407 GIS Application in Fire Ecology and Management
Other courses as approved by the department

Total Hours 15

Note: Nine of the 15 credits must be taken within the Earth and Spatial Sciences department at the University of Idaho. Only 3 credits may be taken outside of the department, including courses taken in other departments at U of I and transfer courses from other institutions used as substitutions.

Courses to total 15 credits for this certificate

Distance Education Availability

To comply with the requirements of the Idaho State Board of Education (SBOE) and the Northwest Commission on Colleges and Universities (NWCCU) the University of Idaho must declare whether 50% or more of the curricular requirements of a program which may be completed via distance education.

Can 50% or more of the curricular requirements of this program be completed via distance education?
Yes

If Yes, can 100% of the curricular requirements of this program be completed via distance education?
Yes

Note: Existing programs transitioning from less than 50% of its curricular requirements to 50% or more of its requirements being available via distance education is considered a Group C change and must complete the program proposal formwork before these changes will be processed.

Geographical Area Availability

In which of the following geographical areas can this program be completed in person?
Coeur d'Alene
Moscow

Student Learning Outcomes

List the intended learning outcomes for program component. Use learner centered statements that indicate what will students know, be able to do, and value or appreciate as a result of completing the program.

1. Understanding of geographic and spatial perspectives in the interaction between and sustainability of human and natural systems
2. The ability to use geospatial data to map and analyze spatial patterns and relationships with a wide variety of data types, including both natural and human systems.

Describe the assessment process that will be used to evaluate how well students are achieving the intended learning outcomes of the program component.

1. Students will develop an understanding of spatial systems through the study of Earth and human processes that interact across a wide range of spatial and temporal scales.
2. Students will develop skills applicable to the collection, integration, analysis, and illustration of data for solving spatial and temporal problems
3. Students will develop skills for communicating fundamental concepts in their field and results from their own work, in both written and oral settings.

How will you ensure that the assessment findings will be used to improve the program?

1. Student Evaluations of Courses and Instructors
Course evaluations allow students to evaluate both the course and the instructor and provide the department with information regarding course utility in meeting the student's needs.
2. Survey of Graduating Seniors
An online exit survey of all graduating seniors will be implemented to provide information on general student satisfaction with the degree program, courses, faculty and facilities. This information will be collected anonymously.
3. Internal and External Review
The Department of Earth and Spatial Sciences will conduct a biennial review of course offerings and course goals for alignment with department learning outcomes. This self-review will allow the faculty to reassess the program and its direction as well as its goals.
and objectives. An external review will be conducted every 5-7 years to provide the department with guidance for future decisions on how to support, maintain, and advance the department according to its vision and to fulfill the university's goals.

4. Advisory Board
An advisory board will be implemented to provide input and advice on the department's objectives and evolution. The advisory board will consist of industry and government members primarily consisting of department alumni. Annual meetings with the advisory board will allow for the presentation of accomplishments and ongoing activities in research and academic progress for which the board can synthesize and present recommendations for improvement.

What direct and indirect measures will be used to assess student learning?
See above

When will assessment activities occur and at what frequency?
Annually

Student Learning Outcomes

Learning Objectives
1. Understanding of geographic and spatial perspectives in the interaction between and sustainability of human and natural systems
2. The ability to use geospatial data to map and analyze spatial patterns and relationships with a wide variety of data types, including both natural and human systems.

Rationale for the proposed change. Include an explanation of how the department will manage the added workload, if any.
Many graduate students have requested that we also offer a graduate version of our Geographic Information Systems undergraduate certificate. No added workload will be added to our department with the course changes or this new certificate.

Reviewer Comments
Mark Nielsen (markn) (Thu, 05 May 2022 23:15:02 GMT): Rollback: Revise to meet COGS requirement for 500-level credits.
Mark Nielsen (markn) (Thu, 22 Sep 2022 18:20:48 GMT): Rollback: Rollback to department for needed editorial adjustments

Key: 479
447: DIETETICS (M.S.)

**In Workflow**
1. 063 Chair (smcguire@uidaho.edu)
2. CALS Review (bschroeder@uidaho.edu)
3. 07 Curriculum Committee Chair (bschroeder@uidaho.edu)
4. Degree Map Review (rfrost@uidaho.edu)
5. Graduate Council Chair (slthomas@uidaho.edu)
6. Registrar’s Office (none)
7. Ready for UCC (disable)
8. UCC (none)
9. Post-UCC Registrar (none)

**Approval Path**
1. Tue, 30 Aug 2022 22:25:03 GMT
   Michelle McGuire (smcguire): Approved for 063 Chair
2. Fri, 02 Sep 2022 17:32:37 GMT
   Beth Ropski (eropski): Rollback to Initiator
3. Tue, 06 Sep 2022 23:31:32 GMT
   Michelle McGuire (smcguire): Approved for 063 Chair
4. Tue, 20 Sep 2022 19:31:25 GMT
   Brenda Schroeder (bschroeder): Approved for CALS Review
5. Tue, 20 Sep 2022 19:42:33 GMT
   Brenda Schroeder (bschroeder): Approved for 07 Curriculum Committee Chair
   Rebecca Frost (rfrost): Approved for Degree Map Review

**History**
1. Jul 7, 2021 by Amy Kingston (amykingston)
2. Aug 6, 2021 by Amy Kingston (amykingston)
3. Apr 1, 2022 by David Barnes (dabarnes)
4. Apr 1, 2022 by David Barnes (dabarnes)
5. Apr 19, 2022 by David Barnes (dabarnes)

Date Submitted: Tue, 06 Sep 2022 15:59:37 GMT

**Viewing:** 447 : Dietetics (M.S.)

**Last approved:** Tue, 19 Apr 2022 20:34:24 GMT
**Last edit:** Thu, 13 Oct 2022 23:04:36 GMT

Changes proposed by. Trevor White

**Faculty Contact**

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<tr>
<td>Hydee Becker</td>
<td><a href="mailto:hydeeb@uidaho.edu">hydeeb@uidaho.edu</a></td>
</tr>
<tr>
<td>Trevor White</td>
<td><a href="mailto:Trevorw@uidaho.edu">Trevorw@uidaho.edu</a></td>
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**Change Type (Choose all that apply)**

- Change curriculum requirements

**Description of Change**

Update of required classes in the curriculum

**Will this request have a fiscal impact of $250K or greater?**

No

**Academic Level**

Graduate

**College**

Agricultural & Life Sciences
Department/Unit:
Family and Consumer Sciences

Effective Catalog Year
2023-2024

Program Title
Dietetics (M.S.)

Program Credits
30

CIP Code
51.3101 - Dietetics/Dietitian.

Curriculum:

Students admitted to the M.S. Dietetics program are required to complete the following 400-level courses. These courses can be completed during the fourth year of the B.S. Food and Nutrition major for students in the 3+2 or as part of the first year of the M.S. Dietetics.

Undergraduate Course Requirements (27 credits)

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<td>FN 464</td>
<td>Nutrition Counseling</td>
<td>3</td>
</tr>
<tr>
<td>FN 465</td>
<td>Clinical Dietetics</td>
<td>3</td>
</tr>
<tr>
<td>FN 466</td>
<td>Nutrition Assessment Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>FN 470</td>
<td>Quantity Food Production and Equipment</td>
<td>3</td>
</tr>
<tr>
<td>FN 471</td>
<td>Quantity Food Production and Equipment Lab</td>
<td>2</td>
</tr>
<tr>
<td>FN 491</td>
<td>Community Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>FN 492</td>
<td>Nutrition Education</td>
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<tr>
<td>STAT 431</td>
<td>Statistical Analysis</td>
<td>3</td>
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<tr>
<td>PEP 455</td>
<td>Design &amp; Analysis of Research in Movement Sciences</td>
<td>3</td>
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Total Hours 27

This degree requires 30 credits of 500-level courses and at least 1,000 hours of supervised experiential learning in nutrition and dietetics settings culminating in successful completion of a comprehensive final exam. It is accredited through the Accreditation Council for Education in Nutrition and Dietetics (ACEND).

M.S. in Dietetics Course Requirements (30 credits)

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>FCS 501</td>
<td>Seminar</td>
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</tr>
<tr>
<td>FN 509</td>
<td>Nutrition and Dietetics Professional Skills</td>
<td>1</td>
</tr>
<tr>
<td>FN 565</td>
<td>Nutrition Therapy and Disease</td>
<td>3</td>
</tr>
<tr>
<td>FN 566</td>
<td>Applied Clinical Dietetics</td>
<td>7</td>
</tr>
<tr>
<td>FN 570</td>
<td>Management and Leadership in Dietetics</td>
<td>3</td>
</tr>
<tr>
<td>FN 571</td>
<td>Applied Food and Nutrition Management</td>
<td>7</td>
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<tr>
<td>FN 591</td>
<td>Applied Community Nutrition</td>
<td>5</td>
</tr>
<tr>
<td>FCS 599</td>
<td>Non-thesis Master’s Research</td>
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Total Hours 30

Distance Education Availability

To comply with the requirements of the Idaho State Board of Education (SBOE) and the Northwest Commission on Colleges and Universities (NWCCU) the University of Idaho must declare whether 50% or more of the curricular requirements of a program which may be completed via distance education.

Can 50% or more of the curricular requirements of this program be completed via distance education?

No
Note: Existing programs transitioning from less than 50% of its curricular requirements to 50% or more of its requirements being available via distance education is considered a Group C change and must complete the program proposal formwork before these changes will be processed.

Geographical Area Availability

In which of the following geographical areas can this program be completed in person?
Moscow

Student Learning Outcomes

Have learning outcomes changed?
No

Learning Objectives

Students will:
1. Apply foundational sciences to food and nutrition knowledge to meet the needs of individuals, groups and organizations.
2. Apply and integrate client/patient-centered principles and competent nutrition and dietetics practice to ensure positive outcomes.
3. Apply food systems principles and management skills to ensure safe and efficient delivery of food and water.
4. Apply community and populations nutrition health theories when providing support to community or population nutrition programs.
5. Demonstrate leadership, business and management principles to guide practice and achieve operational goals.
6. Integrate evidence-informed practice, research principles and critical thinking into practice.
7. Demonstrate professional behaviors and effective communication in all nutrition and dietetics interactions.

Rationale for the proposed change. Include an explanation of how the department will manage the added workload, if any.
We are updating the required courses for this program to better align with what we can offer. Because we were able to replace one of our Food and Nutrition faculty members we are now able to offer more FN courses and have changed the requirements to better reflect this.

Reviewer Comments

Beth Ropski (eropski) (Fri, 02 Sep 2022 17:32:37 GMT): Rollback: Rollback requested for late submissions of changes.
Rebecca Frost (rfrost) (Thu, 13 Oct 2022 23:04:36 GMT): Added the sum total to the undergraduate requirements and changed the title to reflect the proper sum.

Key: 447
412: ENGLISH (MA)

In Workflow
1. 012 Chair (tmacdonald@uidaho.edu)
2. CLASS Review (ctibbals@uidaho.edu)
3. 18 Curriculum Committee Chair (folwell@uidaho.edu)
4. Degree Map Review (rfrost@uidaho.edu)
5. Graduate Council Chair (slthomas@uidaho.edu)
6. Registrar's Office (none)
7. Ready for UCC (disable)
8. UCC (none)
9. Post-UCC Registrar (none)

Approval Path
1. Thu, 22 Sep 2022 04:54:55 GMT
   Tara MacDonald (tmacdonald): Approved for 012 Chair
2. Mon, 26 Sep 2022 21:14:29 GMT
   Charles Tibbals (ctibbals): Approved for CLASS Review
3. Mon, 26 Sep 2022 21:27:41 GMT
   Annette Folwell (folwell): Approved for 18 Curriculum Committee Chair
   Rebecca Frost (rfrost): Approved for Degree Map Review

Date Submitted: Thu, 22 Sep 2022 04:53:18 GMT

Viewing: 412 : English (MA)

Last edit: Thu, 22 Sep 2022 04:53:17 GMT
Changes proposed by: Tara MacDonald

Faculty Contact

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Faculty Email</th>
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<tbody>
<tr>
<td>Tara MacDonald</td>
<td><a href="mailto:tmacdonald@uidaho.edu">tmacdonald@uidaho.edu</a></td>
</tr>
</tbody>
</table>

Change Type (Choose all that apply)
Change curriculum requirements

Description of Change
We are adding the option of additional coursework (3 credits) as a replacement to the non-thesis. And we are dropping the existing pre-1900 and theory requirements.

Will this request have a fiscal impact of $250K or greater?
No

Academic Level
Graduate

College
Letters Arts & Social Sciences

Department/Unit:
English

Effective Catalog Year
2023-2024

Program Title
English (MA)

Program Credits
33
CIP Code
23.0101 - English Language and Literature, General.

Curriculum:

Master of Arts. Major in English.

Of the minimum of 33 credits required for the degree, at least 24 credits must be earned in the Department of English at the University of Idaho. Course work for the M.A. in English is normally at the 500s level; however, up to six credits of work at the 400s level may be included, but only with the approval of the student's major professor and the department's director of graduate studies. Students are allowed to take 3 credits maximum in practica applying toward the degree.

Thesis, Non-Thesis, and Coursework Options:
Students in the MA have three options from which to choose, though they are strongly encouraged to select the non-thesis or coursework options.

The thesis option requires 27 credits of coursework and 6 thesis credits, leading to the submission of an acceptable thesis of 60 pages or more. See the College of Graduate Studies (https://catalog.uidaho.edu/colleges-related-units/graduate-studies/) “Graduate Handbook for Theses and Dissertations.”

The non-thesis (master's project) option requires 30 credits of coursework and 3 research credits (ENGL 599). The student works with a faculty member to produce a revised seminar paper suitable to be submitted for publication, an abstract for the paper, a concise explanation of initial and additional research and revisions (3-5 pages), and a substantial annotated bibliography of work in the field. Students also have the option to focus entirely on coursework for their 33 credits.

For the thesis and non-thesis options, each student will take an oral M.A. examination following completion of work submitted in acceptable form, as confirmed by the major professor. The oral examination will be designed to test the student's ability to defend his or her work articulately with respect to research methodology, critical perspective, and applicability to related work in the area. Students and their major professors will design their programs. Master's projects may address topics in literature, literary theory, or rhetorical theory.

Distance Education Availability

To comply with the requirements of the Idaho State Board of Education (SBOE) and the Northwest Commission on Colleges and Universities (NWCCU) the University of Idaho must declare whether 50% or more of the curricular requirements of a program which may be completed via distance education.

Can 50% or more of the curricular requirements of this program be completed via distance education?
No

Note: Existing programs transitioning from less than 50% of its curricular requirements to 50% or more of its requirements being available via distance education is considered a Group C change and must complete the program proposal formwork before these changes will be processed.

Geographical Area Availability

In which of the following geographical areas can this program be completed in person?
Moscow

Student Learning Outcomes

Have learning outcomes changed?
No

Learning Objectives
1. Students situate knowledge of diverse literature in English and the cultural, theoretical, and historical contexts in which these works are produced.
2. Students contribute to critical conversations about texts with original interpretations of those texts argued via a clear and feasible thesis statement.
3. Students exhibit effective deployment of research as evidence to support arguments and textual interpretations.
4. Students writing exhibits correct usage of grammar and of MLA format and citation conventions.
5. Students situate themselves within the profession of English studies by submitting a final project that is suitable to be submitted for publication.

Rationale for the proposed change. Include an explanation of how the department will manage the added workload, if any.

These changes will reduce workload. Currently, we have fewer faculty members than we did when we designed the MA curriculum, and so we want to enable MA students to have more flexibility. The decision to permit students to opt for more coursework in lieu of a
thesis or non-thesis offers this flexibility. We also want to steer students to the non-thesis or coursework options as we don't have the capacity for all students to do a thesis, nor are most students prepared for the time commitment of the thesis at the MA level. The decision to drop the pre-1900 or theory requirement came about as we only have two faculty members who teach pre-1900 classes, and we cannot consistently offer those. Further, most of our classes now do offer a theoretical component and so labelling only some classes as "theory" classes no longer makes sense.

Key: 412
400: CREATIVE WRITING (MFA)

In Workflow
1. 012 Chair (tmacdonald@uidaho.edu)
2. CLASS Review (ctibbals@uidaho.edu)
3. 18 Curriculum Committee Chair (folwell@uidaho.edu)
4. Degree Map Review (rfrost@uidaho.edu)
5. Graduate Council Chair (sithomas@uidaho.edu)
6. Registrar’s Office (none)
7. Ready for UCC (disable)
8. UCC (none)
9. Post-UCC Registrar (none)

Approval Path
1. Wed, 28 Sep 2022 18:28:25 GMT
   Tara MacDonald (tmacdonald): Approved for 012 Chair
2. Thu, 29 Sep 2022 18:51:41 GMT
   Charles Tibbals (ctibbals): Rollback to 012 Chair for CLASS Review
3. Thu, 29 Sep 2022 19:07:52 GMT
   Tara MacDonald (tmacdonald): Rollback to Initiator
4. Fri, 30 Sep 2022 21:17:20 GMT
   Tara MacDonald (tmacdonald): Approved for 012 Chair
5. Mon, 03 Oct 2022 21:53:44 GMT
   Charles Tibbals (ctibbals): Approved for CLASS Review
   Annette Folwell (folwell): Approved for 18 Curriculum Committee Chair
   Rebecca Frost (rfrost): Approved for Degree Map Review

Date Submitted: Fri, 30 Sep 2022 01:42:04 GMT

Viewing: 400 : Creative Writing (MFA)
Last edit: Mon, 03 Oct 2022 21:52:19 GMT
Changes proposed by: Alexandra Teague

Faculty Contact

<table>
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<tr>
<td>Alexandra Teague</td>
<td><a href="mailto:ateague@uidaho.edu">ateague@uidaho.edu</a></td>
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</tbody>
</table>

Change Type (Choose all that apply)
Change curriculum requirements

Description of Change
The number of credits required in each category have been greatly revised, in line with the current (much reduced) faculty in creative writing, and aesthetic changes in the MFA program. (See more in rationale.) Other wording has also been streamlined and slightly revised.

Will this request have a fiscal impact of $250K or greater?
No

Academic Level
Graduate

College
Letters Arts & Social Sciences

Department/Unit:
English

Effective Catalog Year
2023-2024
**Program Title**  
Creative Writing (MFA)

**Program Credits**  
54

**CIP Code**  
23.1302 - Creative Writing.

**Curriculum:**

**Master of Fine Arts. Major in Creative Writing.**

The M.F.A. is the terminal degree for those wishing to teach creative writing at the college or university level; it is also among the credentials expected of those seeking employment in arts administration, editing, and related fields. The curriculum provides theoretical and practical training in fiction, poetry, creative nonfiction, and editing and publishing.

The program's principle aim is to teach aspiring writers their craft and at the highest possible level. We gladly speak to students about publishing their work, or about teaching or editing, but our first concern is teaching and learning the craft of writing. While we encourage applicants to apply only in one genre, once they are admitted, we encourage them to cross-pollinate: we like to see poets working on narrative pacing in a fiction or nonfiction class, and we like to see prose writers attentive to individual syllables in poetry. We encourage students to experiment and to push themselves in new directions. We also insist that they know where they fit in the continuum of writers, and that they understand and can speak with conviction of where they might place themselves in any of several literary traditions.

A minimum of four semesters in residence is required in addition to the following:

<table>
<thead>
<tr>
<th>Code</th>
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<th>Hours</th>
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<td>ENGL 500</td>
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<tr>
<td>Twelve credits of workshops</td>
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<tr>
<td>Nine credits of techniques/traditions courses</td>
<td>9</td>
<td></td>
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<tr>
<td>Nine credits in literature courses</td>
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<tr>
<td>Twelve credits of electives</td>
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<td></td>
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<tr>
<td>Two credits in Internship</td>
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<td></td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td><strong>54</strong></td>
<td></td>
</tr>
</tbody>
</table>

Upon completion of the thesis—a collection of poetry, short stories, creative nonfiction, or a novel—in acceptable form, each student will take an oral examination designed to test the student's ability to articulately discuss their creative process, intellectual and creative influences, chosen genre, aesthetic perspective, design, and intent.

**Distance Education Availability**

To comply with the requirements of the Idaho State Board of Education (SBOE) and the Northwest Commission on Colleges and Universities (NWCCU) the University of Idaho must declare whether 50% or more of the curricular requirements of a program which may be completed via distance education.

**Can 50% or more of the curricular requirements of this program be completed via distance education?**  
No

Note: Existing programs transitioning from less than 50% of its curricular requirements to 50% or more of its requirements being available via distance education is considered a Group C change and must complete the program proposal formwork before these changes will be processed.

**Geographical Area Availability**

**In which of the following geographical areas can this program be completed in person?**  
Moscow

**Student Learning Outcomes**

**Have learning outcomes changed?**  
Yes
Learning Objectives

1. Students will produce a substantial work of professional-quality literature in poetry, fiction, and/or nonfiction, exhibiting appropriate genre-specific technical skills, the development of a mature literary form, and the evolution of a distinctive voice and individual aesthetic.

2. Students will analyze their own creative work and situate it within the literary traditions and conventions of their genre(s), and discuss how their work exemplifies, expands, or bridges those boundaries.

3. Students will present their creative work effectively during a public reading (the thesis defense), and in other optional reading environments.

Rationale for the proposed change. Include an explanation of how the department will manage the added workload, if any.

Because of retirements, the English Department can no longer staff our graduate literature, techniques, traditions, and workshop classes with the same rotations that we used to offer. Our focus as a program has also shifted even further toward multi-genre (rather than having students focused on tracks exclusively in fiction, nonfiction, or poetry). The new curriculum is truer to the teaching and learning interests of our faculty and students, and allows students greater flexibility in completing the degree, while still offering them a rigorous three years of study. We have cut the Distinguished Visiting Writer credits because we no longer have the budget to offer a week-long course with a visiting writer, but we have replaced this with more internship credits, since the department now has new, relevant opportunities including The Confluence Lab. By increasing thesis credits, we are allowing students to spend more time in their final year working with their three-member thesis committee on a publishable book-length project.

Reviewer Comments

Charles Tibbals (ctibbals) (Thu, 29 Sep 2022 18:51:41 GMT): Rollback: Rolled back at Tara’s request.

Tara MacDonald (tmacdonald) (Thu, 29 Sep 2022 19:07:52 GMT): Rollback: Change thesis credit amounts

Key: 400
331: ENVIRONMENTAL EDUCATION AND SCIENCE COMMUNICATION ACADEMIC CERTIFICATE

In Workflow
1. Eva Strand (evas@uidaho.edu)
2. 153 Chair (jvos@uidaho.edu)
3. 11 Curriculum Committee Chair (evas@uidaho.edu)
4. Degree Map Review (rfrost@uidaho.edu)
5. Graduate Council Chair (slthomas@uidaho.edu)
6. Registrar’s Office (none)
7. Ready for UCC (disable)
8. UCC (none)
9. Post-UCC Registrar (none)

Approval Path
1. Wed, 07 Sep 2022 16:10:58 GMT
   Jacobus Vos (jvos): Approved for 153 Chair
2. Wed, 28 Sep 2022 17:34:09 GMT
   Eva Strand (evas): Rollback to 153 Chair for 11 Curriculum Committee Chair
   Eva Strand (evas): Approved for V00096425
   Jacobus Vos (jvos): Approved for 153 Chair
5. Mon, 03 Oct 2022 23:59:03 GMT
   Eva Strand (evas): Approved for 11 Curriculum Committee Chair
   Rebecca Frost (rfrost): Approved for Degree Map Review

History
1. Jul 6, 2021 by Amy Kingston (amykingston)
Date Submitted: Mon, 29 Aug 2022 18:04:52 GMT
Viewing: 331 : Environmental Education and Science Communication Academic Certificate
Last approved: Tue, 06 Jul 2021 19:27:03 GMT
Last edit: Mon, 03 Oct 2022 19:18:56 GMT
Changes proposed by: Leslie Dorsey

Faculty Contact

<table>
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<th>Faculty Name</th>
<th>Faculty Email</th>
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<tbody>
<tr>
<td>Leslie Dorsey</td>
<td><a href="mailto:ldorsey@uidaho.edu">ldorsey@uidaho.edu</a></td>
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</table>

Change Type (Choose all that apply)
Change curriculum requirements

Description of Change
Proposed change of splitting the leadership curriculum from one to two semesters. Adding NRS 599 as an option for research credits.

Will this request have a fiscal impact of $250K or greater?
No

Academic Level
Graduate

College
Natural Resources

Department/Unit:
Natural Resources & Society
Effective Catalog Year
2023-2024

Program Title
Environmental Education and Science Communication Academic Certificate

Program Credits
20

CIP Code
13.1338 - Environmental Education.

Curriculum:
All required coursework must be completed with a grade of 'B' or better (O-10-b (https://catalog.uidaho.edu/general-requirements-academic-procedures/o-miscellaneous/)).

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>Fall Content Block</td>
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<tr>
<td>Optional:</td>
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<tr>
<td>NRS 504</td>
<td>Special Topics (Intro to Ecol Data Analysis)</td>
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<tr>
<td>Select two of the following courses:</td>
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<tr>
<td>NRS 560</td>
<td>Place-based Ecology I</td>
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<tr>
<td>NRS 563</td>
<td>Place Based Env. Education</td>
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<tr>
<td>NRS 556</td>
<td>Team Leadership for Environmental Educators</td>
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<tr>
<td>Spring Content Block</td>
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<td>Select two of the following courses:</td>
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<tr>
<td>NRS 565</td>
<td>Science Communication and the Environment</td>
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<td>NRS 557</td>
<td>Community Leadership for Environmental Educators</td>
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<tr>
<td>NRS 566</td>
<td>Place-based Ecology II</td>
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<td>Teaching Practicum Block</td>
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<td>Select at least two of the following:</td>
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<tr>
<td>NRS 562</td>
<td>Field Science Teaching</td>
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<tr>
<td>NRS 564</td>
<td>Teaching Environmental Education in a Winter Environment</td>
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<tr>
<td>NRS 567</td>
<td>Environmental Education Teaching Practicum I</td>
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<tr>
<td>NRS 568</td>
<td>Environmental Education Teaching Practicum II</td>
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<tr>
<td>Research Block</td>
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<td>Select at least two credits of any of the following:</td>
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<tr>
<td>NRS 500</td>
<td>Master's Research and Thesis ¹</td>
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<tr>
<td>NRS 502</td>
<td>Directed Study</td>
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<tr>
<td>NRS 599</td>
<td>Non-thesis Master's Research</td>
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<tr>
<td>Total Hours</td>
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<td>17-23</td>
</tr>
</tbody>
</table>

¹ NRS 500 Master’s Research and Thesis or NRS 599 Non-thesis Masters Research for students seeking this certificate to complement their current M.S. thesis program or non-thesis MNR program.

Courses to total 20 credits for this certificate

Distance Education Availability
To comply with the requirements of the Idaho State Board of Education (SBOE) and the Northwest Commission on Colleges and Universities (NWCCU) the University of Idaho must declare whether 50% or more of the curricular requirements of a program which may be completed via distance education.

Can 50% or more of the curricular requirements of this program be completed via distance education?
No

Note: Existing programs transitioning from less than 50% of its curricular requirements to 50% or more of its requirements being available via distance education is considered a Group C change and must complete the program proposal formwork before these changes will be processed.
Geographical Area Availability

In which of the following geographical areas can this program be completed in person?

McCall
Other

Where?
McCall Field Campus, McCall, ID

Student Learning Outcomes

Have learning outcomes changed?
No

Learning Objectives

1. Students will explore one’s life purpose and meaning through transformational experiences that foster an understanding of self, relationships, and diverse global perspectives; students will critically analyze their own perspective and performance, and demonstrate empathy for diverse perspectives.

2. Students will apply principles of ethical leadership, collaborative engagement, socially responsible behavior, respect for diversity in an interdependent world, and a service-oriented commitment to advance and sustain local and global communities; Students will demonstrate leadership in a variety of situations and exhibit tolerance for adversity and uncertainty.

3. Students will critically analyze information and demonstrate the ability to effectively communicate science through a variety of media and with a diversity of audiences, understand its ethics, and identify its roles in the formulation of individual and public decisions.

4. Students will develop knowledge in ecology, science communication, leadership, and place-based education. Students will apply this knowledge in disciplinary specialization and will create a final portfolio that demonstrates how they integrate knowledge across disciplines.

5. Students will demonstrate a basic understanding of local ecology and socio-ecological issues.

6. Students will acquire, articulate, create, and convey intended meaning using verbal and non-verbal methods of communication that demonstrate respect and understanding in a complex society, with particular emphasis on the role that communication plays in science, leadership, and education to address and communicate socio-ecological issues, environmental issues, and issues of social justice.

7. Students will demonstrate an ability to plan and deliver inclusive, student-centered, inquiry-based, place-based instruction.

8. Students will apply principles of ethical leadership, collaborative engagement, socially responsible behavior, respect for diversity in an interdependent world, and a service-oriented commitment to advance and sustain local and global communities.

9. Students will create and evaluate a project that addresses a “real world” challenge.

Rationale for the proposed change. Include an explanation of how the department will manage the added workload, if any.

The proposed change of splitting the leadership curriculum from one to two semesters provides the students with several opportunities. The first benefit is allowing the students additional time for reflection and dedication to all course work in a more balanced work load over the two semesters. The opportunity to have the leadership courses over two semesters supports the student's experiences as members of a residential cohort and a focus on community leadership theory is directly applicable. Instruction work load change- the frequency of grading will increase for the non-faculty instructor. The contact time with students will remain the same overall.

Assessment:· Learn and integrate - Through independent learning and collaborative study, attain, use, and develop knowledge of content necessary to apply leadership theory to their own practice.· Think and create - Using empathy and an expanded understanding of leadership styles and facilitation techniques, students will examine real-time issues, wrestle with adaptive challenges, and make consequential decisions related to group performance and leadership.· Communicate - Acquire, articulate, create and convey intended meaning using verbal and non-verbal methods of communication that demonstrate respect and understanding in a complex society.· Clarify purpose and perspective - Explore one's life purpose and meaning through transformational experiences that foster an understanding of self, relationships, and diverse global perspectives.· Practice citizenship - Apply principles of ethical leadership, collaborative engagement, socially responsible behavior, respect for diversity in an interdependent world, and a service-oriented commitment to advance and sustain local and global communities.

The addition of NRS 599 nonthesis research credits allows student more flexibility in which research credits count towards this certificate.

Reviewer Comments

Eva Strand (evas) (Wed, 28 Sep 2022 17:34:09 GMT): Rollback: Consider removing NRS600 credit option from the certificate.

Key: 331
269: Nuclear Decommissioning and Used Fuel Management Academic Certificate

In Workflow
1. 468 Chair (icharit@uidaho.edu)
2. 08 Curriculum Committee Chair (colberg@uidaho.edu)
3. Degree Map Review (rfrost@uidaho.edu)
4. Graduate Council Chair (sithomas@uidaho.edu)
5. Registrar’s Office (none)
6. Ready for UCC (disable)
7. UCC (none)
8. Post-UCC Registrar (none)

Approval Path
   Indrajit Charit (icharit): Approved for 468 Chair
2. Wed, 07 Sep 2022 15:14:01 GMT
   Patricia Colberg (colberg): Approved for 08 Curriculum Committee Chair
   Rebecca Frost (rfrost): Approved for Degree Map Review

History
1. Jul 6, 2021 by Amy Kingston (amykingston)
Date Submitted: Tue, 30 Aug 2022 20:53:06 GMT
Viewing: 269 : Nuclear Decommissioning and Used Fuel Management Academic Certificate
Last approved: Tue, 06 Jul 2021 20:27:04 GMT
Last edit: Wed, 07 Sep 2022 15:13:13 GMT
Changes proposed by: Robert Borrelli

Faculty Contact

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Faculty Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Borrelli</td>
<td><a href="mailto:rborrelli@uidaho.edu">rborrelli@uidaho.edu</a></td>
</tr>
</tbody>
</table>

Change Type (Choose all that apply)
Change curriculum requirements

Description of Change
Remove NE 582 as a required course
Add NE 516 as a required course

Will this request have a fiscal impact of $250K or greater?
No

Academic Level
Graduate

College
Engineering

Department/Unit:
Nuclear Engineering and Industrial Mgmt

Effective Catalog Year
2023-2024

Program Title
Nuclear Decommissioning and Used Fuel Management Academic Certificate
Program Credits
12

CIP Code
14.2301 - Nuclear Engineering.

Curriculum:

Before pursuing this certificate, students must have completed NE 450 (Principles of Nuclear Engineering) or have previous professional nuclear experience (e.g., nuclear navy, commercial power plant).

All required coursework must be completed with a grade of 'B' or better (O-10-b (https://catalog.uidaho.edu/general-requirements-academic-procedures/o-miscellaneous/)).

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<thead>
<tr>
<th>Code</th>
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<tr>
<td>NE 514</td>
<td>Nuclear Safety</td>
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<td>NE 516</td>
<td>Nuclear Rules and Regulations</td>
<td>3</td>
</tr>
<tr>
<td>NE 554</td>
<td>Radiation Detection and Shielding</td>
<td>3</td>
</tr>
<tr>
<td>NE 587</td>
<td>Nuclear Decommission</td>
<td>3</td>
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</table>

Total Hours 12

Courses to total 12 credits for this certificate

Distance Education Availability

To comply with the requirements of the Idaho State Board of Education (SBOE) and the Northwest Commission on Colleges and Universities (NWCCU) the University of Idaho must declare whether 50% or more of the curricular requirements of a program which may be completed via distance education.

Can 50% or more of the curricular requirements of this program be completed via distance education?
Yes

If Yes, can 100% of the curricular requirements of this program be completed via distance education?
Yes

Note: Existing programs transitioning from less than 50% of its curricular requirements to 50% or more of its requirements being available via distance education is considered a Group C change and must complete the program proposal formwork before these changes will be processed.

Geographical Area Availability

In which of the following geographical areas can this program be completed in person?
Idaho Falls

Student Learning Outcomes

Have learning outcomes changed?
No

Rationale for the proposed change. Include an explanation of how the department will manage the added workload, if any.
NE 514 achieves the learning objectives and is a better fit for the certificate. Content in NE 582 is not applicable.

Key: 269
226: NATURAL RESOURCES (MNR)

In Workflow
1. 151 Chair (shook@uidaho.edu)
2. 11 Curriculum Committee Chair (evas@uidaho.edu)
3. Degree Map Review (rfrost@uidaho.edu)
4. Graduate Council Chair (slthomas@uidaho.edu)
5. Registrar's Office (none)
6. Ready for UCC (disable)
7. UCC (none)
8. Post-UCC Registrar (none)

Approval Path
1. Mon, 29 Aug 2022 19:51:29 GMT
   Steven Shook (shook): Approved for 151 Chair
   Eva Strand (evas): Approved for 11 Curriculum Committee Chair
   Rebecca Frost (rfrost): Approved for Degree Map Review

History
1. May 27, 2021 by Joana Espinoza (joanae)
2. Jul 2, 2021 by Amy Kingston (amykingston)
3. Aug 4, 2021 by Amy Kingston (amykingston)
4. Aug 4, 2021 by Amy Kingston (amykingston)
5. Sep 1, 2021 by Sara Mahuron (sara)
6. Mar 23, 2022 by Leda Kobziar (lkobziar)
7. Apr 1, 2022 by David Barnes (dabarnes)
8. Jun 15, 2022 by Steve Stubbs (sstubbs)

Date Submitted: Mon, 29 Aug 2022 17:58:56 GMT

Viewing: 226: Natural Resources (MNR)
Last approved: Wed, 15 Jun 2022 15:50:47 GMT
Last edit: Wed, 28 Sep 2022 16:08:09 GMT
Changes proposed by: Leslie Dorsey

Faculty Contact

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Faculty Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leda Kobziar</td>
<td><a href="mailto:lkobziar@uidaho.edu">lkobziar@uidaho.edu</a></td>
</tr>
<tr>
<td>Kerri Vierling (Grad Council Rep)</td>
<td><a href="mailto:kerriv@uidaho.edu">kerriv@uidaho.edu</a></td>
</tr>
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</table>

Change Type (Choose all that apply)
Change curriculum requirements

Description of Change
Updating a previous entry error changing NRS 576 to NRS 556 as per originally submitted.

Will this request have a fiscal impact of $250K or greater?
No

Academic Level
Graduate

College
Natural Resources

Department/Unit:
Natural Resources
Effective Catalog Year
2023-2024

Program Title
Natural Resources (MNR)

Program Credits
30

CIP Code
03.0201 - Natural Resources Management and Policy.

Emphasis/Option CIP Code(s)
13.1338

Curriculum:

Master of Natural Resources. Major in Natural Resources. Integrated Natural Resources Option.

The Integrated Natural Resources Option of the MNR covers a breadth of natural resource science and management subjects. The program provides knowledge and skills to support holistic, integrated approaches to careers in natural resources. The Integrated Natural Resources Option of the MNR consists of 30 semester credits (at least 7 credits from each of three MNR program categories - Ecology and Management; Policy, Planning, and Society; and Tools and Technology - plus 0-7 elective courses and 2 credits for a final project/portfolio) to total 30 credits. Up to 12 semester credits can be transferred into the program from other institutions. Coursework must include a minimum of 18 credits numbered 500 or above.

Admission to the College of Graduate Studies requires a minimum 3.0 GPA, three letters of reference, and a statement of purpose. Complete admission and degree information is available online at: [http://www.uidaho.edu/cnr/grad-programs/online-degrees/master-of-natural-resources/](http://www.uidaho.edu/cnr/grad-programs/online-degrees/master-of-natural-resources/)

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<td>FISH 415</td>
<td>Limnology</td>
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<tr>
<td>FISH 515</td>
<td>Large River Fisheries</td>
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<tr>
<td>FISH 525</td>
<td>Aquaculture in Relation to Wild Fish Populations</td>
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<tr>
<td>FISH 526</td>
<td>Climate Effects &amp; Cons Manage</td>
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<tr>
<td>FISH 540</td>
<td>Wetland Restoration</td>
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<tr>
<td>FOR 526</td>
<td>Fire Ecology</td>
<td></td>
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<tr>
<td>FOR 410</td>
<td>Fire Effects and Management</td>
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<tr>
<td>REM 440</td>
<td>Restoration Ecology</td>
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<tr>
<td>REM 456</td>
<td>Integrated Rangeland Management</td>
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<tr>
<td>REM 459</td>
<td>Rangeland Ecology</td>
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<tr>
<td>REM 507</td>
<td>Landscape and Habitat Dynamics</td>
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<tr>
<td>WLF 440</td>
<td>Conservation Biology</td>
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<tr>
<td>WLF 506</td>
<td>External Speakers</td>
<td></td>
</tr>
<tr>
<td>ENVS 520</td>
<td>Introduction to Bioregional Planning</td>
<td></td>
</tr>
<tr>
<td>ENVS 523</td>
<td>Planning Sustainable Places</td>
<td></td>
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<tr>
<td>ENVS 530</td>
<td>Planning Theory and Process</td>
<td></td>
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<tr>
<td>ENVS/FS 536</td>
<td>Principles of Sustainability</td>
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<tr>
<td>ENVS 551</td>
<td>Research Methods in the Environmental Social Sciences</td>
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<tr>
<td>ENVS 552</td>
<td>Environmental Philosophy</td>
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<tr>
<td>ENVS 577</td>
<td>Law, Ethics, and the Environment</td>
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</table>
ENVS 579  Introduction to Environmental Regulations
FOR 546  Science Synthesis and Communication
FOR 554  Air Quality, Pollution, and Smoke 2
FOR 584  Natural Resource Policy Development
FOR 587  Wildland Fire Policy
NRS 501  Seminar (A maximum of 2 credits of seminar can be used towards the 30 credit total.)
NRS 504  Special Topics
NRS 507  Moral Reasoning in Natural Resources
NRS 555  Human Dimensions of Natural Resources
NRS 574  Environmental Politics and Policy
NRS 576  Environmental Project Management and Decision Making
SOIL 544  Water Quality in the Pacific Northwest

Tools and Technology:
FOR 451  Fuels Inventory and Management
FOR 546  Air Quality, Pollution, and Smoke
GEOG 524  Hydrologic Applications of GIS and Remote Sensing
NRS 578  LIDAR and Optical Remote Sensing Analysis
NRS 580  Restoration Ecology Practicum
NRS 592  Emerging Media Outreach in Natural Resources
REM 407  GIS Application in Fire Ecology and Management
REM 507  Landscape and Habitat Dynamics
REM 520  Advanced Vegetation Measurement and Monitoring
SOIL 544  Water Quality in the Pacific Northwest
WLF 540  Conservation Genetics
WLF 561  Landscape Genetics

Elective Courses:
1-7
ENVS/FOR/NRS/WLF 504  Special Topics
-OR- any additional courses listed above -OR- advisor-approved electives to bring total to 30 credits

Final Project/Portfolio:
2
NR 599  Non-thesis Master's Research

Total Hours 24-30

Courses to total 30 credits for this degree

1  REM 507 Landscape and Habitat Dynamics can be used to contribute to either the Ecology and Management requirement -OR- the Tools and Technology requirement (but not both).

2  FOR 554 Air Quality, Pollution, and Smoke can be used to contribute to either the Policy, Planning, and Society requirement -OR- the Tools and Technology requirement (but not both).

Master of Natural Resources. Major in Natural Resources. Environmental Education and Science Communication Option

<table>
<thead>
<tr>
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<tr>
<td>NRS 501</td>
<td>Seminar (NRS 504-90 ST: Intro Ecol Data Analysis is optional)</td>
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<td>NRS 560</td>
<td>Place-based Ecology I</td>
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<tr>
<td>NRS 566</td>
<td>Place-based Ecology II</td>
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<td>NRS 556</td>
<td>Team Leadership for Environmental Educators</td>
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<tr>
<td>NRS 565</td>
<td>Science Communication and the Environment</td>
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<tr>
<td>NRS 557</td>
<td>Community Leadership for Environmental Educators</td>
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<tr>
<td>NRS 563</td>
<td>Place Based Env. Education</td>
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<tr>
<td>NRS 568</td>
<td>Environmental Education Teaching Practicum II</td>
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<tr>
<td>NRS 562</td>
<td>Field Science Teaching</td>
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</table>
Courses to total 32 credits for this degree

**Master of Natural Resources. Major in Natural Resources. Fire Ecology and Management Option.**

The Fire Ecology and Management Option provides depth to address wildfire management challenges facing society. Completing this option will help students advance their professional careers in wildland fire management, fuels management, and restoration by advancing knowledge of fire science, ecology, fire-related policy and social issues, and the latest tools and technology. The Option also reinforces fundamentals in applied ecology, natural resources management, communications, an other career-advancing knowledge and skills.

The Fire Ecology and Management Option of the MNR consists of 30 semester credits (14 credits of Core Courses; 2-3 credits of Ecology; 4 credits of Tools and Technology; 6 credits of Policy, Planning, and Society; 2 credits of electives; and 2 credits of non-thesis research for a final project or portfolio). Up to 12 semester credits can be transferred into the program from other institutions. Admission to the College of Graduate Studies requires a minimum 3.0 GPA, three letters of reference, and a statement of purpose. Coursework must include a minimum of 18 credits numbered 500 or above.

Complete admissions and degree information is available online at: [http://www.uidaho.edu/cnr/grad-programs/online-degrees/master-of-natural-resources/](http://www.uidaho.edu/cnr/grad-programs/online-degrees/master-of-natural-resources/)

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<td>NRS 564</td>
<td>Teaching Environmental Education in a Winter Environment</td>
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<tr>
<td>NRS 567</td>
<td>Environmental Education Practicum I</td>
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<tr>
<td>Case Study Project</td>
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<td>NRS 599</td>
<td>Non-thesis Master's Research</td>
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<td>NRS 569</td>
<td>Environmental Education Practicum III</td>
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### Code Title Hours

#### Fire Science and Management Core

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<td>FOR 451</td>
<td>Fuels Inventory and Management</td>
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<td>FOR 526</td>
<td>Fire Ecology</td>
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<td>FOR 546</td>
<td>Science Synthesis and Communication</td>
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<tr>
<td>FOR 557</td>
<td>Advanced Fire Behavior</td>
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<tr>
<td>FOR 587</td>
<td>Wildland Fire Policy</td>
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#### Ecology and Management

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<td>FISH 526</td>
<td>Climate Effects &amp; Cons Manage</td>
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<td>FISH 540</td>
<td>Wetland Restoration</td>
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<tr>
<td>FOR 501</td>
<td>Seminar (A maximum of 2 credits of seminar can be used towards the 30 credit total.)</td>
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<tr>
<td>FOR/REM/ENVS/WLF 504</td>
<td>Special Topics</td>
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<td>REM 440</td>
<td>Restoration Ecology</td>
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<td>REM 459</td>
<td>Rangeland Ecology</td>
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<tr>
<td>WLF 440</td>
<td>Conservation Biology</td>
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<td>FOR 410</td>
<td>Fire Effects and Management</td>
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<td>WLF 506</td>
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#### Tools and Technology

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<td>Research Methods in the Environmental Social Sciences</td>
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<td>NRS 578</td>
<td>LIDAR and Optical Remote Sensing Analysis</td>
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<tr>
<td>NRS 580</td>
<td>Restoration Ecology Practicum</td>
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<td>REM 407</td>
<td>GIS Application in Fire Ecology and Management</td>
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<td>REM 507</td>
<td>Landscape and Habitat Dynamics</td>
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<tr>
<td>REM 520</td>
<td>Advanced Vegetation Measurement and Monitoring</td>
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#### Policy, Planning, and Society

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<td>ENVS 530</td>
<td>Planning Theory and Process</td>
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<td>ENVS 577</td>
<td>Law, Ethics, and the Environment</td>
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<tr>
<td>FOR 454/554</td>
<td>Air Quality, Pollution, and Smoke</td>
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<td>FOR 584</td>
<td>Natural Resource Policy Development</td>
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<tr>
<td>FS 536</td>
<td>Principles of Sustainability</td>
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<tr>
<td>or ENVS 536</td>
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<tr>
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<td>NRS 507</td>
<td>Moral Reasoning in Natural Resources</td>
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<td>NRS 555</td>
<td>Human Dimensions of Natural Resources</td>
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<td>NRS 574</td>
<td>Environmental Politics and Policy</td>
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<td>NRS 576</td>
<td>Environmental Project Management and Decision Making</td>
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<td>Elective Courses:</td>
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<td>External Speakers</td>
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<td>-OR- any additional courses listed above -OR- advisor-approved electives to bring total to 30 credits</td>
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<tr>
<td>Total Hours</td>
<td>30</td>
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Courses to total 30 credits for this degree:

1. REM 507 Landscape and Habitat Dynamics can be used for either the Ecology and Management requirement -OR- the Tools and Technology requirement (but not both).

2. FOR 454 or FOR 554 Air Quality, Pollution, and Smoke can be used to contribute to either the Policy, Planning and Society requirement -OR- the Tools and Technology requirement (but not both).

**Master of Natural Resources. Major in Natural Resources. Restoration Ecology and Habitat Management Option.**

Complete admissions and degree information is available online at: [http://www.uidaho.edu/cnr/grad-programs/online-degrees/master-of-natural-resources/](http://www.uidaho.edu/cnr/grad-programs/online-degrees/master-of-natural-resources/).

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</table>
| Restoration Ecology and Habitat Management Core: &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&n...
REM 410 Principles of Vegetation Monitoring and Measurement
or REM 520 Advanced Vegetation Measurement and Monitoring
WLF 540 Conservation Genetics
WLF 561 Landscape Genetics

Policy, Planning, and Society (choose two courses):
- BIOP 523 Planning Sustainable Places
- ENVS 548 Drinking Water and Human Health
- ENVS 579 Introduction to Environmental Regulations
- FOR 584 Natural Resource Policy Development
- FS 536 Principles of Sustainability
- NRS 507 Moral Reasoning in Natural Resources
- NRS 576 Environmental Project Management and Decision Making
- NRS 588 NEPA in Policy and Practice

Additional elective graduate credits to total a minimum of 30 credits

Total Hours 29-31

Courses to total 30 credits for this degree

Master of Natural Resources. Major in Natural Resources. Fish and Wildlife Science and Management Option.

All listed courses are available online. Additional courses are available for on-campus students and could be substituted for some of the courses below with advisor permission.

18 credits must be from 500 level courses.

Complete admissions and degree information is available online at: http://www.uidaho.edu/cnr/grad-programs/online-degrees/master-of-natural-resources/.

<table>
<thead>
<tr>
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<tr>
<td>NRS 555</td>
<td>Human Dimensions of Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>FISH 598</td>
<td>Internship &amp; Non-thesis Master’s Research</td>
<td>4</td>
</tr>
<tr>
<td>FISH 502</td>
<td>Directed Study</td>
<td>3</td>
</tr>
<tr>
<td>WLF 506</td>
<td>Science Synthesis &amp; Communication</td>
<td>1</td>
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<tr>
<td>Select 8 credits of Fish &amp; Wildlife Science Courses:</td>
<td></td>
<td></td>
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<tr>
<td>FISH 411</td>
<td>Fish Physiology</td>
<td></td>
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<tr>
<td>FISH 415</td>
<td>Limnology</td>
<td></td>
</tr>
<tr>
<td>FISH 525</td>
<td>Aquaculture in Relation to Wild Fish Populations</td>
<td></td>
</tr>
<tr>
<td>FISH 526</td>
<td>Climate Effects &amp; Cons Manage</td>
<td></td>
</tr>
<tr>
<td>FISH 515</td>
<td>Large River Fisheries</td>
<td></td>
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<tr>
<td>FISH 511</td>
<td>Fish Physiology</td>
<td></td>
</tr>
<tr>
<td>FISH 540</td>
<td>Wetland Restoration</td>
<td></td>
</tr>
<tr>
<td>FISH 550</td>
<td>Ecology &amp; Conservation of Freshwater Invertebrates</td>
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<tr>
<td>FISH 551</td>
<td>Freshwater Invertebrate Field Methods</td>
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</tr>
<tr>
<td>REM 411</td>
<td>Wildland Habitat Ecology and Assessment</td>
<td></td>
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<tr>
<td>WLF 440</td>
<td>Conservation Biology</td>
<td></td>
</tr>
<tr>
<td>WLF 530</td>
<td>Riparian Ecology</td>
<td></td>
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<tr>
<td>WLF 540</td>
<td>Conservation Genetics</td>
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<td>WLF 545</td>
<td>Wildlife Habitat Ecology</td>
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</tr>
<tr>
<td>WLF 561</td>
<td>Landscape Genetics</td>
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</tr>
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<td>WLF 562</td>
<td>Landscape Genetics Lab</td>
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</tr>
<tr>
<td>WLF 575</td>
<td>Behavioral Ecology</td>
<td></td>
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</tbody>
</table>

Select one course in Quantitative & Statistical Methods:
- STAT 419 Introduction to SAS/R Programming
- STAT 422 Survey Sampling Methods
- STAT 431 Statistical Analysis
- WLF 550 Quantitative Analysis of Fish and Wildlife Populations
- WLF 552 Ecological Modeling
<table>
<thead>
<tr>
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<th>Credits</th>
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<tr>
<td>WLF 551</td>
<td>Applied Mixed Effects Modeling</td>
<td>2-3</td>
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<tr>
<td>BIOP 523</td>
<td>Planning Sustainable Places</td>
<td></td>
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<tr>
<td>BIOP 520</td>
<td>Introduction to Bioregional Planning</td>
<td></td>
</tr>
<tr>
<td>BIOP 530</td>
<td>Planning Theory and Process</td>
<td></td>
</tr>
<tr>
<td>ENVS 577</td>
<td>Law, Ethics, and the Environment</td>
<td></td>
</tr>
<tr>
<td>ENVS 579</td>
<td>Introduction to Environmental Regulations</td>
<td></td>
</tr>
<tr>
<td>FOR 584</td>
<td>Natural Resource Policy Development</td>
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</tr>
<tr>
<td>FOR 587</td>
<td>Wildland Fire Policy</td>
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</tr>
<tr>
<td>NRS 475</td>
<td>Local and Regional Environmental Planning</td>
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<td>NRS 574</td>
<td>Environmental Politics and Policy</td>
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<td>NRS 576</td>
<td>Environmental Project Management and Decision Making</td>
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<tr>
<td>NRS 588</td>
<td>NEPA in Policy and Practice</td>
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</table>

Electives from below -OR- any additional courses listed above to total 30 credits: 4-6

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>WLF 503</td>
<td>Workshop</td>
</tr>
<tr>
<td>BE/ENVS 450</td>
<td>Environmental Hydrology</td>
</tr>
<tr>
<td>FOR 451</td>
<td>Fuels Inventory and Management</td>
</tr>
<tr>
<td>FOR 526</td>
<td>Fire Ecology</td>
</tr>
<tr>
<td>FOR 554</td>
<td>Air Quality, Pollution, and Smoke</td>
</tr>
<tr>
<td>GEOG 524</td>
<td>Hydrologic Applications of GIS and Remote Sensing</td>
</tr>
<tr>
<td>NRS/REM 440</td>
<td>Restoration Ecology</td>
</tr>
<tr>
<td>NRS 472</td>
<td>Remote Sensing of the Environment</td>
</tr>
<tr>
<td>NRS 552</td>
<td>Current Lit in Remote Sensing</td>
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<tr>
<td>NRS 578</td>
<td>LIDAR and Optical Remote Sensing Analysis</td>
</tr>
<tr>
<td>NRS 580</td>
<td>Restoration Ecology Practicum</td>
</tr>
<tr>
<td>REM 456</td>
<td>Integrated Rangeland Management</td>
</tr>
<tr>
<td>REM 459</td>
<td>Rangeland Ecology</td>
</tr>
<tr>
<td>REM 507</td>
<td>Landscape and Habitat Dynamics</td>
</tr>
<tr>
<td>REM 520</td>
<td>Advanced Vegetation Measurement and Monitoring</td>
</tr>
<tr>
<td>REM/WLF/FISH/NRS/FOR 504</td>
<td>Special Topics</td>
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<tr>
<td>SOIL 544</td>
<td>Water Quality in the Pacific Northwest</td>
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**Total Hours** 27-31

**Courses to total 30 credits for this degree**

**Distance Education Availability**

To comply with the requirements of the Idaho State Board of Education (SBOE) and the Northwest Commission on Colleges and Universities (NWCCU) the University of Idaho must declare whether 50% or more of the curricular requirements of a program which may be completed via distance education.

Can 50% or more of the curricular requirements of this program be completed via distance education?

Yes

If Yes, can 100% of the curricular requirements of this program be completed via distance education?

Yes

Note: Existing programs transitioning from less than 50% of its curricular requirements to 50% or more of its requirements being available via distance education is considered a Group C change and must complete the program proposal formwork before these changes will be processed.

**Geographical Area Availability**

In which of the following geographical areas can this program be completed in person?

McCall
Moscow
Other

**Where?**

McCall
Student Learning Outcomes

Have learning outcomes changed?
No

Learning Objectives

Natural Integrated Natural Resources
1. The student will master and integrate information and knowledge from ecological, social, economic and political perspectives – into a systems view of natural resource issues.
2. The student will be able to synthesize ideas and information to identify, analyze and problem-solve natural resource issues; demonstrate an application of this synthesis.
3. The student will be able to demonstrate oral, written and visual techniques to communicate complex natural resource ideas.
4. The student will understand diverse viewpoints and perspectives and apply these to the natural resources professions; demonstrate reflection and expanded understanding as applied to one's professional goals.
5. The student will be able to define and apply sustainable stewardship and/or management of natural resources as an ethical, socially responsible practice; understand ethical dilemmas and make ethical choices.

Fire Ecology and Management
1. The student will master and integrate information and knowledge from ecological, social, economic and political perspectives – into a systems view of fire ecology and management issues.
2. The student will be able to synthesize ideas and information to identify, analyze and problem-solve fire ecology and management issues; demonstrate an application of this synthesis.
3. The student will be able to demonstrate oral, written and visual techniques to communicate complex natural resource ideas with relevance to fire ecology and management.
4. The student will understand diverse viewpoints and perspectives and apply these to the fire ecology and management; demonstrate reflection and expanded understanding as applied to one's professional goals.
5. The student will be able to define and apply sustainable stewardship and/or management of wildland fire and natural resources as an ethical, socially responsible practice; understand ethical dilemmas and make ethical choices.

Restoration Ecology and Habitat Management
1. The student will master and integrate information and knowledge from ecological, social, economic and political perspectives – into a systems view of restoration ecology and habitat management issues.
2. The student will be able to synthesize ideas and information to identify, analyze and problem-solve restoration ecology and habitat management issues; demonstrate an application of this synthesis.
3. The student will be able to demonstrate oral, written and visual techniques to communicate complex natural resource ideas with relevance to restoration ecology and habitat management.
4. The student will understand diverse viewpoints and perspectives and apply these to restoration ecology and habitat management; demonstrate reflection and expanded understanding as applied to one's professional goals.
5. The student will be able to define and apply sustainable stewardship and/or management of natural resources and wildlife habitat as an ethical, socially responsible practice; understand ethical dilemmas and make ethical choices.

Fish and Wildlife Science and Management
1. The student will master and integrate information and knowledge from ecological, social, economic and political perspectives – into a systems view of fish and wildlife science and management issues.
2. The student will be able to synthesize ideas and information to identify, analyze and problem-solve fish and wildlife science and management issues; demonstrate an application of this synthesis.
3. The student will be able to demonstrate oral, written and visual techniques to communicate complex natural resource ideas with relevance to fish and wildlife science and management.
4. The student will understand diverse viewpoints and perspectives and apply these to fish and wildlife science and management; demonstrate reflection and expanded understanding as applied to one's professional goals.
5. The student will be able to define and apply sustainable stewardship and/or management of natural resources, fisheries, and wildlife habitat as an ethical, socially responsible practice; understand ethical dilemmas and make ethical choices.

Rationale for the proposed change. Include an explanation of how the department will manage the added workload, if any.
Updating a typo.

Key: 226
216: ENGINEERING MANAGEMENT (MENGR)

In Workflow
1. 468 Chair (icharit@uidaho.edu)
2. 08 Curriculum Committee Chair (colberg@uidaho.edu)
3. Degree Map Review (rfrost@uidaho.edu)
4. Graduate Council Chair (slthomas@uidaho.edu)
5. Registrar’s Office (none)
6. Ready for UCC (disable)
7. UCC (none)
8. Post-UCC Registrar (none)

Approval Path
1. Mon, 19 Sep 2022 17:27:41 GMT
   Indrajit Charit (icharit): Approved for 468 Chair
2. Fri, 14 Oct 2022 16:43:28 GMT
   Patricia Colberg (colberg): Approved for 08 Curriculum Committee Chair
3. Fri, 14 Oct 2022 23:26:26 GMT
   Rebecca Frost (rfrost): Approved for Degree Map Review

Date Submitted: Mon, 19 Sep 2022 17:26:38 GMT

Viewing: 216 : Engineering Management (MENGR)
Last edit: Fri, 14 Oct 2022 23:26:16 GMT
Changes proposed by: Indrajit Charit

Faculty Contact

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Faculty Email</th>
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<tbody>
<tr>
<td>Indrajit Charit</td>
<td><a href="mailto:icharit@uidaho.edu">icharit@uidaho.edu</a></td>
</tr>
</tbody>
</table>

Change Type (Choose all that apply)
Change curriculum requirements

Description of Change
A couple of changes in mandatory courses and total credits (from current 12 credits to proposed 15 credits)
The current required courses are:
ACCT 582 (3 cr.), MHR 513 (3 cr.) EM 510 (3 cr.), and STAT 431 (3 cr.)
The proposed mandatory courses are:
ACCT 582 (3 cr.), EM 513 (3 cr.), EM 510 (3 cr.), STAT 431 (3 cr.) and EM 580 (3 cr.)
(Approved by NEIM faculty vote)
The M.Engr. degree is a fully online degree offering, which is offered through the Engineering Outreach (EO). That is why the mode of instruction kept ‘online only’ and in-person instructions are removed.

Will this request have a fiscal impact of $250K or greater?
No

Academic Level
Graduate

College
Engineering

Department/Unit:
Nuclear Engineering and Industrial Mgmt

Effective Catalog Year
2023-2024

Program Title
Engineering Management (MENGR)
Program Credits
30

CIP Code
14.9999 - Engineering, Other.

Curriculum:


General M.Eng. requirements apply. The Engineering Management degree requires 30 credits; a minimum of 15 credits must be engineering courses. The degree program includes 15 credits of required courses (see below) and the rest are electives based on particular program requirements. Each student will design a study plan in consultation with the Engineering Management Student Advisor which is then approved by the Department Chair. Nearly all Engineering Management students do not live in Moscow and are allowed to take classes from other universities, especially elective classes, as appropriate and following University of Idaho policy for transfer courses.

Exit Requirement for the EM Degree Program: All students are required to complete the exit requirement to earn the Master of Engineering in Engineering Management. Successfully completing the exit requirement is accomplished through one of the following options. Option 1: Three (3) credits of qualitative elective will be satisfied by the student passing three (3) credits of EM 599 Non-thesis Masters Research and completing a non-thesis masters project following program requirements in effect at the time of registration. This option will include a presentation of the student’s project to a committee, followed by a Final Defense typically based on the project and the student’s coursework. Students must pass both the oral presentation and final defense. In total through this option students complete a minimum of 30 credits to earn the EM degree. Option 2: In addition to the core 30-31 credit EM curriculum, students must pass an additional one-credit course, EM 596 Capstone Integration, following program requirements in effect at the time of registration. Option 2 requires the student to complete a minimum of 31 credits to earn the EM degree. (2A) In completing EM 596, students must pass the CPEM examination administered by the American Society for Engineering Management (ASEM) and become a Certified Professional in Engineering Management (CPEM). (2B) Students who do not meet the work experience requirement for the CPEM exam may choose to complete a comprehensive exam, prepared and administered by EM faculty, to satisfy EM 596.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tr>
<td>ACCT 582</td>
<td>Enterprise Accounting</td>
<td>3</td>
</tr>
<tr>
<td>EM 510</td>
<td>Engineering Management Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>EM 513</td>
<td>Leading Technical Organizations</td>
<td>3</td>
</tr>
<tr>
<td>STAT 431</td>
<td>Statistical Analysis</td>
<td>3</td>
</tr>
<tr>
<td>EM 580</td>
<td>Technical Project Management</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
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<td><strong>15</strong></td>
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Distance Education Availability

To comply with the requirements of the Idaho State Board of Education (SBOE) and the Northwest Commission on Colleges and Universities (NWCCU) the University of Idaho must declare whether 50% or more of the curricular requirements of a program which may be completed via distance education.

Can 50% or more of the curricular requirements of this program be completed via distance education?
Yes

If Yes, can 100% of the curricular requirements of this program be completed via distance education?
Yes

Note: Existing programs transitioning from less than 50% of its curricular requirements to 50% or more of its requirements being available via distance education is considered a Group C change and must complete the program proposal formwork before these changes will be processed.

Geographical Area Availability

In which of the following geographical areas can this program be completed in person?
Online Only

Student Learning Outcomes

Have learning outcomes changed?
No
Learning Objectives
1. Students will have demonstrated their ability to use process improvement approaches to improve operational excellence.
2. Students will have demonstrated their mastery of Engineering Management through successfully passing the ASEM CPEM examination.
3. Students will have demonstrated that they understand the functions of engineering management including planning, organization, leading, and controlling.

Rationale for the proposed change. Include an explanation of how the department will manage the added workload, if any.
EM 513 (Leading Technical Organizations) is being proposed to replace MHR 513 (Leadership and Organizational Behavior) in the mandatory course list. MHR 513 used to be taught by Prof. Barry Willis who retired a couple of years back. Also, Sandy Lieske (our EM Instructor) developed EM 513 as a directed study course and has received great student evaluations. EM 513 can seamlessly replace MHR 513 to maintain continuity in the EM curriculum.

EM 580 (Technical Project Management) is an elective course, also taught by Sandy Lieske. Almost all EM students take this course anyway. The EM program is certified by the American Society for Engineering Management (ASEM). In their last visit, the team commented that our EM curriculum didn't require a course on project management. Hence, by adding EM 580 we will satisfy the certification agency's requirement and make the official EM curriculum strong.

With the proposed changes, the M.Engr. degree curriculum will now have three EM courses (EM 510, EM 513 and EM 580), one accounting course and one statistics course, totaling 15 credits for the mandatory courses, which will serve well for the EM degree program.

Supporting Documents
EM ME&gr Curricular Requirement Change.docx

Reviewer Comments
Rebecca Frost (rfrost) (Fri, 14 Oct 2022 23:26:16 GMT): Adjusted the curriculum to bring to catalog publication format.

Key: 216
210: DATA SCIENCE ACADEMIC CERTIFICATE

In Workflow
1. 024 Chair (trjohns@uidaho.edu)
2. 19 Curriculum Committee Chair (markn@uidaho.edu)
3. Degree Map Review (rfrost@uidaho.edu)
4. Curriculum Review (sstubbs@uidaho.edu)
5. Graduate Council Chair (sithomas@uidaho.edu)
6. Registrar’s Office (none)
7. Ready for UCC (disable)
8. UCC (none)
9. Post-UCC Registrar (none)

Approval Path
1. Tue, 05 Apr 2022 23:59:17 GMT
   Hirotaichi Abo (abo): Approved for 024 Chair
2. Thu, 05 May 2022 23:19:30 GMT
   Mark Nielsen (markn): Rollback to 024 Chair for 19 Curriculum Committee Chair
3. Fri, 06 May 2022 20:08:08 GMT
   Hirotaichi Abo (abo): Approved for 024 Chair
4. Mon, 03 Oct 2022 18:05:03 GMT
   Mark Nielsen (markn): Approved for 19 Curriculum Committee Chair
5. Wed, 12 Oct 2022 21:15:10 GMT
   Rebecca Frost (rfrost): Approved for Degree Map Review
6. Tue, 18 Oct 2022 15:43:46 GMT
   Steve Stubbs (sstubbs): Approved for Curriculum Review

History
1. May 27, 2021 by Joana Espinoza (joanae)
2. Jul 6, 2021 by Amy Kingston (amykingston)

Date Submitted: Tue, 05 Apr 2022 16:50:52 GMT

Viewing: 210: Data Science Academic Certificate
Last approved: Tue, 06 Jul 2021 18:54:47 GMT
Last edit: Fri, 06 May 2022 20:07:55 GMT
Changes proposed by: Somantika Datta

Faculty Contact

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Faculty Email</th>
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</thead>
<tbody>
<tr>
<td>Amy Kingston</td>
<td><a href="mailto:catalog@uidaho.edu">catalog@uidaho.edu</a></td>
</tr>
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</table>

Change Type (Choose all that apply)
Change curriculum requirements

Description of Change
Currently three courses are required: STAT 517, MIS 455/555, and CS 479/579. We propose changing the requirement to the following:
a. one from STAT 517 and STAT 565,
b. one from MIS 455/555 and CS479/579 and CS 475/575 (Machine Learning),
c. two courses from the list of electives.

Will this request have a fiscal impact of $250K or greater?
No

Academic Level
Graduate

College
Science
Department/Unit:
Mathematics & Statistical Science

Effective Catalog Year
2023-2024

Program Title
Data Science Academic Certificate

Program Credits
12

CIP Code
45.0102 - Research Methodology and Quantitative Methods.

Curriculum:
All required coursework must be completed with a grade of 'B' or better (0-10-b (https://catalog.uidaho.edu/general-requirements-academic-procedures/o-miscellaneous/)).

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<tr>
<th>Code</th>
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<tr>
<td>CS 472</td>
<td>Evolutionary Computation</td>
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<tr>
<td>CS 475</td>
<td>Machine Learning</td>
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<tr>
<td>OM 439</td>
<td>Systems and Simulation</td>
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<td>OM 456</td>
<td>Enterprise Quality Management</td>
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<td>MKTG 431</td>
<td>Marketing Analytics</td>
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<tr>
<td>STAT 507</td>
<td>Experimental Design</td>
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<tr>
<td>STAT 519</td>
<td>Multivariate Analysis</td>
<td></td>
</tr>
<tr>
<td>STAT 565</td>
<td>Computer Intensive Statistics</td>
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</tr>
<tr>
<td>STAT 517</td>
<td>Statistical Learning and Predictive Modeling</td>
<td>3</td>
</tr>
<tr>
<td>or STAT 565</td>
<td>Computer Intensive Statistics</td>
<td></td>
</tr>
<tr>
<td>MIS 555</td>
<td>Data Management for Big Data</td>
<td>3</td>
</tr>
<tr>
<td>or CS 575</td>
<td>Machine Learning</td>
<td></td>
</tr>
<tr>
<td>or CS 579</td>
<td>Data Science</td>
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</table>

Total Hours 12
Courses to total 12 credits for this certificate.

Distance Education Availability
To comply with the requirements of the Idaho State Board of Education (SBOE) and the Northwest Commission on Colleges and Universities (NWCCU) the University of Idaho must declare whether 50% or more of the curricular requirements of a program which may be completed via distance education.

Can 50% or more of the curricular requirements of this program be completed via distance education?
No

Note: Existing programs transitioning from less than 50% of its curricular requirements to 50% or more of its requirements being available via distance education is considered a Group C change and must complete the program proposal formwork before these changes will be processed.

Geographical Area Availability
In which of the following geographical areas can this program be completed in person?
Moscow

Student Learning Outcomes
Have learning outcomes changed?
No
Learning Objectives
The Data Science Academic Certificate is intended to train students to manage and analyze data, and interpret results from data analyses, particularly from large data sets. The certificate leverages the expertise from faculty in several units to give students a strong interdisciplinary background in this emerging area.

Rationale for the proposed change. Include an explanation of how the department will manage the added workload, if any.
The offering of MIS 455/555, and CS 479/579 is uncertain.

Supporting Documents
short-form-AnalyticsCertificate.docx
UL_Batch2_ProgramChgs4-19-21 (002)–SBOE approvals.pdf
Data Science Name Change Submitted to NWCCU.pdf
NWCCU Approval Batch Rcvd 05272021.pdf

Reviewer Comments
Mark Nielsen (markn) (Thu, 05 May 2022 23:19:30 GMT): Rollback: Revise to meet COGS requirement for 500-level credits

Key: 210
6: ADULT ORGANIZATIONAL LEARNING AND LEADERSHIP (MS)

In Workflow
1. 467 Chair (holyoke@uidaho.edu)
2. 15 Curriculum Committee Chair (akitchel@uidaho.edu)
3. 15 Dean (bblevins@uidaho.edu)
4. Provost's Office (kudas@uidaho.edu; mstout@uidaho.edu; jvalkovic@uidaho.edu; gwen@uidaho.edu)
5. Curriculum Review (sstubbs@uidaho.edu)
6. Degree Audit Review (rfrost@uidaho.edu)
7. Graduate Council Chair (slthomas@uidaho.edu)
8. Registrar's Office (none)
9. Ready for UCC (disable)
10. UCC (none)
11. Faculty Senate Chair (mstout@uidaho.edu; mstout@uidaho.edu; cari@uidaho.edu)
12. Provost's Office (kudas@uidaho.edu; mstout@uidaho.edu; jvalkovic@uidaho.edu; gwen@uidaho.edu)
13. State Approval (mstout@uidaho.edu; jvalkovic@uidaho.edu; lindalundgren@uidaho.edu)
14. NWCCU (sara@uidaho.edu; mstout@uidaho.edu)
15. Steve Stubbs (sstubbs@uidaho.edu)

Approval Path
1. Sat, 03 Sep 2022 00:18:34 GMT
   Laura Holyoke (holyoke): Approved for 467 Chair
2. Fri, 30 Sep 2022 18:37:48 GMT
   Allen Kitchel (akitchel): Approved for 15 Curriculum Committee Chair
3. Fri, 30 Sep 2022 20:46:36 GMT
   Philip Scruggs (pwscruggs): Approved for 15 Dean
4. Sat, 08 Oct 2022 00:32:17 GMT
   Ken Udas (kudas): Approved for Provost's Office
5. Wed, 12 Oct 2022 20:39:45 GMT
   Steve Stubbs (sstubbs): Approved for Curriculum Review
   Rebecca Frost (rfrost): Approved for Degree Audit Review

History
1. Sep 22, 2021 by Sara Mahuron (sara)

Date Submitted: Sat, 03 Sep 2022 00:17:57 GMT

Viewing: 6 : Adult Organizational Learning and Leadership (MS)

Last edit: Mon, 17 Oct 2022 19:39:46 GMT
Changes proposed by: Laura Holyoke

Faculty Contact

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Faculty Email</th>
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<tbody>
<tr>
<td>Laura Holyoke</td>
<td><a href="mailto:holyoke@uidaho.edu">holyoke@uidaho.edu</a></td>
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</tbody>
</table>

Change Type (Choose all that apply)
Change existing program (major) from face to face to on-line delivery (including program components if applicable)

Description of Change
Add Degree requirements

Will this request have a fiscal impact of $250K or greater?
No

Academic Level
Graduate
**College**
Education, Health & Human Sci

**Department/Unit:**
Leadership & Counseling

**Effective Catalog Year**
2023-2024

**Program Title**
Adult Organizational Learning and Leadership (MS)

**Program Credits**
30

**CIP Code**
13.1201 - Adult and Continuing Education and Teaching.

**Curriculum:**

Master of Science. Major in Adult/Organizational Learning and Leadership.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Program Core</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AOLL 507</td>
<td>Future of Education and Work</td>
<td>3</td>
</tr>
<tr>
<td>AOLL 510</td>
<td>Foundations of Human Resource Development</td>
<td>3</td>
</tr>
<tr>
<td>AOLL 574</td>
<td>Adult and Transformational Learning</td>
<td>3</td>
</tr>
<tr>
<td>AOLL 577</td>
<td>Organization Development</td>
<td>3</td>
</tr>
<tr>
<td>AOLL 581</td>
<td>Theory &amp; Practices &amp; Challenges of Leadership</td>
<td>3</td>
</tr>
<tr>
<td>AOLL 583</td>
<td>Organizational Leadership</td>
<td>3</td>
</tr>
<tr>
<td>AOLL 526</td>
<td>Instructional Design and Curriculum</td>
<td>3</td>
</tr>
<tr>
<td>or AOLL 528</td>
<td>Program Planning, Development, and Evaluation</td>
<td></td>
</tr>
<tr>
<td><strong>Select 6 credits from the following:</strong></td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>AOLL 560</td>
<td>Career Development in Organizations</td>
<td></td>
</tr>
<tr>
<td>AOLL 573</td>
<td>Adult Learners: Foundations and Characteristics</td>
<td></td>
</tr>
<tr>
<td>AOLL 575</td>
<td>Strategies for Facilitating Adult Learning</td>
<td></td>
</tr>
<tr>
<td>AOLL 597</td>
<td>Practicum</td>
<td></td>
</tr>
<tr>
<td>AOLL 598</td>
<td>Internship</td>
<td></td>
</tr>
<tr>
<td>AOLL 599</td>
<td>Non-thesis Master’s Research</td>
<td></td>
</tr>
<tr>
<td><strong>Research</strong></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>AOLL 570</td>
<td>Introduction to Research in Adult/Organizational Learning and Leadership (or Non-Thesis Option including Comprehensive Examination)</td>
<td></td>
</tr>
<tr>
<td><strong>Non-Thesis Option (3 credits + Comprehensive Examination)</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total Hours**
30

**Distance Education Availability**

To comply with the requirements of the Idaho State Board of Education (SBOE) and the Northwest Commission on Colleges and Universities (NWCCU) the University of Idaho must declare whether 50% or more of the curricular requirements of a program which may be completed via distance education.

**Can 50% or more of the curricular requirements of this program be completed via distance education?**
Yes

**If Yes, can 100% of the curricular requirements of this program be completed via distance education?**
Yes

Note: Existing programs transitioning from less than 50% of its curricular requirements to 50% or more of its requirements being available via distance education is considered a Group C change and must complete the program proposal formwork before these changes will be processed.
Geographical Area Availability

In which of the following geographical areas can this program be completed in person?
Online Only

Student Learning Outcomes

Have learning outcomes changed?
No

Learning Objectives
1. The student will be able to understand, analyze and apply organization development theory and methods.
2. The student will be able to understand and apply transformative learning processes and strategic thinking.
3. The student will develop personal leadership capacity.
4. The student will demonstrate the ability to facilitate change for healthy organizations.

Rationale for the proposed change. Include an explanation of how the department will manage the added workload, if any.
change simply includes showing the already existing course requirements to complete the program

Supporting Documents
Adult Organizational Leadership Master of Science_10-17-22.docx

Reviewer Comments
Ken Udas (kudas) (Sat, 08 Oct 2022 00:32:14 GMT): This proposal does not include a budgetary request for financial resources.

Key: 6
1: ACCOUNTANCY (MACCT)

In Workflow
1. 078 Chair (leveleth@uidaho.edu)
2. 13 Curriculum Committee Chair (estuen@uidaho.edu)
3. Degree Map Review (rfrost@uidaho.edu)
4. Graduate Council Chair (slthomas@uidaho.edu)
5. Registrar’s Office (none)
6. Ready for UCC (disable)
7. UCC (none)
8. Post-UCC Registrar (none)

Approval Path
1. Fri, 09 Sep 2022 19:05:26 GMT
   Lori Baker-Eveleth (leveleth): Approved for 078 Chair
2. Wed, 21 Sep 2022 17:00:21 GMT
   Eric Stuen (estuen): Approved for 13 Curriculum Committee Chair
   Rebecca Frost (rfrost): Rollback to 13 Curriculum Committee Chair for Degree Map Review
   Eric Stuen (estuen): Approved for 13 Curriculum Committee Chair
5. Thu, 13 Oct 2022 23:01:33 GMT
   Rebecca Frost (rfrost): Approved for Degree Map Review

Date Submitted: Fri, 09 Sep 2022 17:37:07 GMT
Viewing: 1 : Accountancy (MACCT)
Changes proposed by: Robert Stone

Faculty Contact

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Faculty Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Stone</td>
<td><a href="mailto:rstone@uidaho.edu">rstone@uidaho.edu</a></td>
</tr>
</tbody>
</table>

Change Type (Choose all that apply)
- Change curriculum requirements

Description of Change
We are formally adding to the curriculum two courses previously taught as Special Topics courses.

Will this request have a fiscal impact of $250K or greater?
No

Academic Level
Graduate

College
Business & Economics

Department/Unit:
Accounting

Effective Catalog Year
2023-2024

Program Title
Accountancy (MACCT)

Program Credits
30
CIP Code
52.0301 - Accounting.

Curriculum:

The Master of Accountancy degree requires 30 semester credits beyond the bachelor’s degree, and is designed to meet the 150-credit requirement for taking the CPA examination in Idaho. Completion of this degree qualifies students to enter the public accounting profession in auditing, tax, or other positions ultimately requiring a CPA license.

Students seeking the M.Acct. degree will develop a degree plan in consultation with their advisors, complete at least 30 credits of course work, and successfully complete a comprehensive paper and portfolio.

If a student has earned a B.S. in Accounting (or equivalent), the required courses include:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 586</td>
<td>Contemporary Management Accounting Issues</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 590</td>
<td>Advanced Auditing Seminar</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 592</td>
<td>Financial Accounting and Reporting Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

Select two courses from the following: 6

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 515</td>
<td>Advanced Financial Accounting &amp; Reporting</td>
</tr>
<tr>
<td>ACCT 521</td>
<td>Accounting Data Analytics</td>
</tr>
<tr>
<td>ACCT 530</td>
<td>Accounting for Public Sector Entities</td>
</tr>
<tr>
<td>ACCT 550</td>
<td>Fraud Examination</td>
</tr>
<tr>
<td>ACCT 555</td>
<td>Forensic Accounting</td>
</tr>
<tr>
<td>ACCT 561</td>
<td>Comparative Accounting Theory</td>
</tr>
<tr>
<td>ACCT 584</td>
<td>Federal Taxation of Entities</td>
</tr>
<tr>
<td>ACCT 585</td>
<td>Estate and Elder Planning</td>
</tr>
<tr>
<td>ACCT 598</td>
<td>Internship (Max 3 credits)</td>
</tr>
<tr>
<td>ACCT 599</td>
<td>Non-thesis Master’s Research (Max 6 credits)</td>
</tr>
</tbody>
</table>

Additional 15 credits chosen from approved courses 15

ACCT 5XX CPA REVIEW: FAR
Course ACCT 5XX CPA REVIEW: FAR Not Found (Requested Acct 511 for this course previously taught as a special topics. Adding the course to the list of courses in the "Additional 15 Credits."

ACCT 5XX CPA REVIEW: AUDIT
Course ACCT 5XX CPA REVIEW: AUDIT Not Found (Requested Acct 512 for this course previously taught as a special topics. Adding the course to the list of courses in the "Additional 15 Credits."

Total Hours 30

Taxation Emphasis

General Master of Accountancy requirements apply. A total of 30 credits are required for this degree.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 credits from the following or approved electives:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACCT 584</td>
<td>Federal Taxation of Entities</td>
<td>12</td>
</tr>
<tr>
<td>ACCT 585</td>
<td>Estate and Elder Planning</td>
<td></td>
</tr>
<tr>
<td>ACCT 598</td>
<td>Internship</td>
<td></td>
</tr>
<tr>
<td>BLAW 425</td>
<td>Law of Business Entities</td>
<td></td>
</tr>
</tbody>
</table>

Additional 9 credits from approved courses 9

Total Hours 21

Audit and Fraud Examination Emphasis

General Master of Accountancy requirements apply. A total of 30 credits are required for this degree.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 credits from the following or approved electives:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACCT 521</td>
<td>Accounting Data Analytics</td>
<td></td>
</tr>
<tr>
<td>ACCT 550</td>
<td>Fraud Examination</td>
<td></td>
</tr>
<tr>
<td>ACCT 555</td>
<td>Forensic Accounting</td>
<td></td>
</tr>
<tr>
<td>ACCT 598</td>
<td>Internship</td>
<td></td>
</tr>
<tr>
<td>MIS 453</td>
<td>Database Design</td>
<td></td>
</tr>
<tr>
<td>MIS 455</td>
<td>Data Management for Big Data</td>
<td></td>
</tr>
</tbody>
</table>

Additional 9 credits from approved courses 9

Total Hours 21
In addition students must have taken at least one US tax class and at least one Business Law class at the upper-division undergraduate level or at the graduate level. Those electing for the thesis option include 6 credits of ACCT 500 in the additional 15 credits (must still complete comprehensive paper and portfolio).

If a student has not earned a B.S. in Business (or equivalent), in addition to the above mentioned courses, the student must take or have taken at least 24 credits of business, economics, statistics, and business law courses at the undergraduate level or at the graduate level. These courses must include at least two business disciplines (e.g. management, marketing, and finance).

**Distance Education Availability**

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Can 50% or more of the curricular requirements of this program be completed via distance education?

No

Note: Existing programs transitioning from less than 50% of its curricular requirements to 50% or more of its requirements being available via distance education is considered a Group C change and must complete the program proposal formwork before these changes will be processed.

**Geographical Area Availability**

In which of the following geographical areas can this program be completed in person?

Coeur d’Alene
Moscow

**Student Learning Outcomes**

Have learning outcomes changed?

No

**Learning Objectives**

1. Professional Accounting Knowledge and Environment - Overall, M.Acct. students will acquire a deeper and more broad set of accounting knowledge to prepare them for the accounting profession or further.

2. Critical Thinking and Ethical Problem-Solving - M.Acct. students will effectively analyze problems and make decisions ethically.
   a. M.Acct. graduates will demonstrate critical thinking skills necessary for identifying and addressing complex situations in accounting and business-related areas. (ACCT 586, ACCT 590, ACCT 592)
   b. M.Acct. graduates will apply frameworks for examining ethical issues in business decisions. (ACCT 586, ACCT 590, ACCT 592)
   c. M.Acct. graduate will demonstrate research skills, including ability to locate appropriate information, apply the rules or standards to a set of facts, and make an appropriate recommendation regarding a course of action. (ACCT 590, ACCT 592, and several electives)

3. Communication - M.Acct. students will refine their ability to effectively obtain, organize, and communicate information.
   a. M.Acct. program graduates will demonstrate competence in effective oral communication of Accounting and Business information. (ACCT 586, ACCT 590, ACCT 592)
   b. M.Acct. program graduates will demonstrate competence in effective written communication of Accounting and Business information. (ACCT 586, ACCT 590, ACCT 592)

4. M.Acct. students will gain a better understanding of self, work relationships, and global perspectives.
   a. M.Acct. graduates will be impacted by curricular and co-curricular activities that develop self and ability to interact with others. (ACCT 503 Workshops and ACCT 598 Internship)

5. M.Acct. graduates will acquire the ability to effectively manage relationships with and lead people of varied backgrounds and abilities.
   a. M.Acct. graduates will interact effectively and professionally with others in teams to evaluate information and solve accounting-related problems.
   b. M.Acct. graduates will effectively lead others in teams to evaluate information and solve accounting-related problems.

6. M.Acct. graduates will:
   a. Demonstrate an understanding and application of the Balanced Scorecard and its use in strategy.
   b. Demonstrate the ability to develop and effectively use a budget for financial planning and control.
   c. Appropriately apply Activity-Based Costing method to analyze costs in decision making.

7. M.Acct. graduates will:
   a. Demonstrate an understanding of complex audit standards.
   b. Perform complex audit procedures, including the evaluation of inherent risk and control risk
   c. Analyze complex manipulations of financial statements using appropriate audit procedures.
Rationale for the proposed change. Include an explanation of how the department will manage the added workload, if any.

We have two graduate courses which have been taught as Special Topics courses. Graduate students have used these in their Plan of Study on a sub waiver/substitution basis. These courses are in the process of receiving course numbers and we need to formally add the courses to the curriculum.

Reviewer Comments
Rebecca Frost (rfrost) (Wed, 12 Oct 2022 19:24:43 GMT): Rollback: Are the two added courses required or just optional? If they are optional they should be part of the student study plan and do not need to be included in the curriculum listing. If they are required then they should be separated from the '15 additional credits' and placed in the required courses and we will lower the additional credits required accordingly.

Eric Stuen (estuen) (Wed, 12 Oct 2022 22:53:32 GMT): Robert Stone confirmed that the courses ACCT 511 and 512 are optional, so I removed them from the curriculum listing.

Key: 1
POLICY COVER SHEET

For instructions on policy creation and change, please see www.uidaho.edu/governance/policy.

All policies must be reviewed, approved, and returned by the policy sponsor, with a cover sheet attached, to uofi-policy@uidaho.edu.

Faculty Staff Handbook (FSH)
☐ Addition ■ Revision* ☐ Deletion* ☐ Emergency ☐ Minor Amendment
Chapter & Title: FSH3715 Graduate Student Short Term Parental Leave

Administrative Procedures Manual (APM)
☐ Addition ☐ Revision* ☐ Deletion* ☐ Emergency ☐ Minor Amendment
Chapter & Title: ____________________________________________

*Note: If revision or deletion, request original document from uofi-policy@uidaho.edu. All changes must be made using "track changes."

Originator (see FSH 1460 C) Carson Silsby 11/01/22
(541) XXXXXXXX sils7953@vandals.uidaho.edu
Telephone Email

Policy Sponsor, if different from Originator

Name Date

Reviewed by General Counsel Yes ☐ No ☐ Name & Date:

1. Policy/Procedure Statement: Briefly explain the reason for the proposed addition, revision, and/or deletion to the Faculty Staff Handbook or the Administrative Procedures Manual.

The current FSH policy only gives graduate students 4 weeks of leave from their academic and assistantship duties following the onset of parenting. The Graduate and Professional Students Association believes this short time is inadequate and that extending the leave to 8 weeks will give parents a more fair and reasonable timeframe to bond with their new child. We believe that being committed to a diverse graduate student body includes reasonable accommodations to graduate students with children.

2. Fiscal Impact: What fiscal impact, if any, will this addition, revision, or deletion have?

There are no anticipated fiscal impacts associated with this policy addition.

3. Related Policies/Procedures: Describe other UI policies or procedures related or similar to this proposed change, or that will be impacted by it.

FSH3710-E details parenting leave policy for benefit eligible employees, however it does not include graduate students. The proposed policy should not impact FSH3710 nor any other FSH policy.

4. Effective Date: This policy shall be effective on July 1, or January 1, whichever arrives first after final approval (see FSH 1460 D) unless otherwise specified in the policy.

If not a minor amendment forward to: ____________________________________________