TO: University Curriculum Committee  
FROM: Yan Liao, University Curriculum Committee Chair  
DATE: October 29, 2021  
EMAIL: curriculum.committee@uwsp.edu  

RE: Meeting November 2, 2021, 3-4 p.m., on Zoom

<table>
<thead>
<tr>
<th>Video Conference:</th>
<th><a href="https://wisconsin.edu.zoom.us/j/97106105638?pwd=a1JDRGJTQ3pPdGFNY2Qvcnc1OW9Iz09">https://wisconsin.edu.zoom.us/j/97106105638?pwd=a1JDRGJTQ3pPdGFNY2Qvcnc1OW9Iz09</a></th>
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</thead>
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<tr>
<td>Teleconference:</td>
<td>1-312-626-6799; 1-646-558-8656</td>
</tr>
<tr>
<td>Meeting ID:</td>
<td>971 0610 5638</td>
</tr>
</tbody>
</table>

Guests not copied in the agenda or community members wishing to attend the meeting will need to email curriculum.committee@uwsp.edu for the meeting passcode.

Please note: Authors of curriculum proposals should be present (or have someone else represent the department or division) to answer potential questions from the committee. **Actions will not be taken without a representative at the meeting.**

**AGENDA**

1. Call to Order

2. Approval of the minutes of Oct. 19, 2021

3. Announcements
   
   A. UWSP Strategic Plan Year-1 Feedback Survey:
      https://uwsp.az1.qualtrics.com/jfe/form/SV_eVx2HYXsgoYdSRg.

   B. Governance meetings will continue to be on Zoom for spring semester 2022.

4. Old Business
   
   A. From the School of Design and Communication
      
      i. Deletion of the **Communication: Media Studies, B.S.**

5. New Business
   
   A. From the Department of Philosophy
      
      i. Renaming of the **Department of Philosophy** to the **Department of Philosophy and Religious Studies**

   B. From the College of Natural Resources
      
      i. Revisions to the **Forestry: Forest Recreation Option, B.S.**
      
      ii. Revisions to the **Forestry: Urban and Community Forestry, B.S.**
C. From the Department of Paper Science and Engineering
   i. PSEN 115: Pulp and Paper Laboratory Methods (course revision)
   ii. PSEN 215: Introduction to Process Engineering Calculations (course revision)
   iii. PSEN 300: Mill Internship (course revision)
   iv. PSEN 316: Engineering Economics and Project Management (course revision)
   v. PSEN 350: Wood and Pulp Technology (course revision)
   vi. PSEN 385: Systems Engineering and Simulation (course revision)
   vii. PSEN 410: Leadership Practicum (course deletion)
   viii. PSEN 489: Industrial Environmental Management (course revision)
   ix. Revisions to the Chemical Engineering, B.S.
   x. Revisions to the Paper Science and Engineering, B.S.

D. From the School of Education
   i. HLED 250: Teaching Methods for Middle/Secondary Health Education (course revision)
   ii. PEX 400: Physical Education for Individuals with Disabilities (course revision)

6. Teacher Education Subcommittee Report (minutes from 10/26/2021)

7. Adjournment

CC:
   Valerie Cisler, College of Fine Arts and Communication
   Stuart Morris, School of Design and Communication
   Kelly Wilz, School of Design and Communication
   Tobias Barske, College of Letters and Sciences
   Alice Keefe, Department of Philosophy
   Brenda Lackey, College of Natural Resources
   Karyn Biasca, Department of Paper Science and Chemical Engineering
   Lynda Fernholz, School of Education
Minutes of the October 19, 2021 meeting
Via Zoom

Members Present: Laura Anderson McIntyre, Maggie Beeber, Anne Eckenrod, Michael Estanich, Tomi Heimonen, Libby Hintz (non-voting), Yan Liao, Katja Marquart, Jonelle Przybylski (non-voting), Lori Randall, Libby Raymond (non-voting) Robin Tanke, Susan Turgeson, Tonya Veith, Sebastian Yaeger (student)

Absent: Dorothy DeBoer, Alek Toumi

Visitors: Brian Barringer, Daniel Harnett, Rebecca Sommer

The meeting was called to order at 3:01 p.m.

Announcements:

Information items/corrections:

- Credit count corrected in the catalog for the Sustainable Food and Nutrition, BA + MS (4+1 Track). Should be 72-86 total credits.
- (Take 3 credits) added after THEA 199 under the "General courses, 9 credits" heading in the Drama, Theatre Arts Minor.

Discussion:

- Modality for spring 2022 governance meetings: online (via Zoom) or hybrid (inperson + Zoom)?: After some discussion, it was decided to continue holding Curriculum Committee meetings via Zoom

The minutes from September 21, 2021 were approved as submitted (11-0-0)

Deletion of the Communication: Media Studies, BS was not considered as there was no representative from the unit present. This will be added to the next agenda for November 2, 2021.

The following actions were unanimously approved (11-0-0):

Re-prefixed: Biology 347, 2 crs., Aquatic Vascular Plants was re-prefixed to Water 347

Revised: Water 347, 2 crs., Aquatic Plant Taxonomy (title, description, prerequisite) Biology 333, 4 crs., General Microbiology (description, prerequisite)

Deleted: Aquaponics and Aquaculture 280, 2 crs., Introduction to Aquaponics Aquaponics and Aquaculture 284, 1 cr., Techniques in Aquaponics

Approved: Revisions to the Aquaculture - Fish Culture Minor Revisions to the Aquaponic Certificate Revisions to the Department of Biology Academic Standards

Deleted: Natural Science Broad-Field Minor for Elementary Education
Revised: Mathematics 228, 3 crs., Fundamental Mathematical Concepts for Elementary Teachers I (prerequisite)
Mathematics 338, 3 crs., Fundamental Mathematical Concepts for Elementary Teachers II (prerequisite)
Mathematics 345, 3 crs., Fundamental Mathematical Concepts for Elementary Teachers III (prerequisite)
Mathematics 340, 3 crs., College Geometry with Teaching Methods (description, prerequisite)
Mathematics Education 340, 1 cr., Teaching Geometry (prerequisite)

Added: Mathematics Education 379, 4 crs., Teaching Middle School Mathematics

Approved: Revisions to the Pre-Nursing pre-professional program
Revisions to the Nursing (RN to BSN), BSN

**Teacher Education Subcommittee:** Minutes from October 12, 2021

**NEXT MEETING:** November 2, 2021
**AGENDA:** Deletion of the Communication: Media Studies, BS

*(Minutes submitted by Libby Raymond)*
Request for Undergraduate/Graduate PROGRAMS
and
Renaming of a Department, Unit, or Office

☐ New Major or Graduate Program* – Please note: new majors
and graduate programs can only be considered by university shared governance after completion of the UW System
new program process.

☐ New Option/Track/Emphasis of existing Major*

☐ New Minor/Certificate*

☐ Revise – including: ☐ Rename**

☒ Delete**

☐ Suspend Admission to program

☐ Revise Program-Level Academic Standards

☐ Rename of Department, Unit, Office**

*Proposals for all New Programs, including majors, minors, certificates, and graduate programs, need to also attach the
program assessment plan.

**Required actions for Rename and Delete proposals prior to submission (please check all boxes to indicate
completion):
☒ The initial notification of a Rename and/or Delete/Discontinue proposal should be forwarded to the Catalog
Editor, who will search the catalog for all references (as applicable) and all departments and offices affected.
☒ The Catalog Editor will provide a listing of all catalog references and affected departments to the department chair
of the proposing department or director of the proposing office and the Common Council Office.
☒ The proposing department, unit, or office will provide an email to chairs of all affected departments/units and/or
directors of all affected offices. The email will provide notification of the proposed deletion, how it affects their
department/unit, and a reminder to update “in-house” documentation to reflect the change(s). The chairs of affected
departments and/or directors of affected offices will be given a timeframe for responding to the proposed deletion;
responses need to be submitted within the established timeframe. Pending no negative responses, the proposal for
deletion may move forth to Curriculum Committee and/or Graduate Council.

The above must be completed prior to the proposing department, unit, or office bringing request for deletion to the
Curriculum Committee and/or Graduate Council. The correspondence received from the Catalog Editor and subsequent
notifications to all affected departments, units, and/or offices must accompany the Curriculum Committee and/or
Graduate Council proposal.

In addition to the chair of the Curriculum Committee and/or Graduate Council, the department is required to share the
proposals with:
☐ the chair of each department whose courses are being added or removed from major, minor, certificate program
and/or graduate program requirements,
☐ departments expected to have an interest in the proposal,
☐ Academic and Career Advising Center, and
☐ the chair of General Education Committee, if there are changes to the Communication in the Major or Capstone
Experience requirements.

The email correspondence notifying all affected departments/units must accompany the Curriculum Committee and/or
Graduate Council proposal.

❖ Note: Proposals that are teacher certified must first be submitted to the Teacher Education Subcommittee for approval.

If you have any questions, please email curriculum.committee@uwsp.edu
**Desired Effective Term:** Spring 2022

- For Delete or Rename, only Name of Program is needed.

### EXISTING Information

<table>
<thead>
<tr>
<th>Name of Program:</th>
<th>Communication: Media Studies, B.S.</th>
<th>Total credit count/range:</th>
</tr>
</thead>
</table>

- For Revisions, use underline for new text and strike out for text to be deleted.
- New programs do not need underlines.

### NEW or REVISED Program Information, including RENAMING

<table>
<thead>
<tr>
<th>Name of Program:</th>
<th>Total credit count/range:</th>
</tr>
</thead>
</table>

Provide the Complete Existing Catalog Description:

Provide the Complete New or Revised Catalog Description

Provide a brief explanation of the need for this proposal and why it should be approved:

Creation of existing Media Studies standalone BS

Indicate the number of students enrolled in this program. Explain any expected changes in enrollment patterns.

Indicate if this proposal is likely to result in students taking longer to graduate. (If so, explain alternatives considered.)

Describe the adequacy of the following resources available to the program. If any additional resources are required to support your proposal, please describe these and indicate plans for obtaining them:

- **Equipment:**
- **Facilities:**
- **Library Materials:**
- **Staff:**

**Teacher Certified Programs only:** What effect will this proposal have on Department of Public Instruction (DPI) Certification and or/accreditation requirements? (If any effect, the proposal must first be considered/approved by the Teacher Education Subcommittee.)
<table>
<thead>
<tr>
<th>Department/unit vote of faculty</th>
<th>Approve: 5</th>
<th>Opposed: 0</th>
<th>Abstain: 0</th>
<th>Date of vote: 9-9-21</th>
</tr>
</thead>
</table>

**Department/unit vote of graduate faculty** (for multidisciplinary proposals: voting is only required from the coordinator(s)'s home department(s))

<table>
<thead>
<tr>
<th>Approve:</th>
<th>Opposed:</th>
<th>Abstain:</th>
<th>Date of vote:</th>
</tr>
</thead>
</table>

**Recommendation of College Dean**

<table>
<thead>
<tr>
<th>Approve ☒</th>
<th>Disapprove ☐</th>
</tr>
</thead>
</table>

Date of signature: 9.26.21  
*(Dean's signature)*

Comments of College Dean that address budget impact, staffing implications, and other resource related concerns (if any, entered below or attached)

Please see the attached email memo indicating the approval of the School of Design Executive Committee and SDC Head/Asst. Dean.

**New major and new graduate program approvals require approval of the Vice Chancellor**

Include a statement of opinion from the Vice Chancellor if the proposed change requires the approval of UW System Administration.

<table>
<thead>
<tr>
<th>Approve ☐</th>
<th>Disapprove ☐</th>
</tr>
</thead>
</table>

Date of signature:   
*(Vice Chancellor's signature)*

Comments of Vice Chancellor (if any, entered below or attached):

**Curriculum Committee vote**

<table>
<thead>
<tr>
<th>Approve:</th>
<th>Opposed:</th>
<th>Abstain:</th>
<th>Date of vote:</th>
</tr>
</thead>
</table>

**Graduate Council vote**

<table>
<thead>
<tr>
<th>Approve:</th>
<th>Opposed:</th>
<th>Abstain:</th>
<th>Date of vote:</th>
</tr>
</thead>
</table>
Hi Yan,
Here is the correspondence re: our curriculum forms to delete the COMM BS emphasis

All best,
Kelly

Kelly Wilz, Ph.D. (she, her, hers)
Area Coordinator, Media Studies
Director of Communication 101
University of Wisconsin-Stevens Point
215 Communication Arts Center
1101 Reserve Street
Stevens Point WI 54481-3897
Phone: 715-346-3409
kwilz@uwsp.edu

---

From: Przybylski, Jonelle <joprzyby@uwsp.edu>
Sent: Monday, August 30, 2021 4:04 PM
To: Raymond, Libby; Wilz, Kelly; Morris, Stuart
Cc: Fremstad, Jenna
Subject: RE: Majors that still included "Communication in the Major" and Capstone Experience" headings

Looks fine to me

Jonelle
715-346-4432

---

From: Raymond, Libby <lraymond@uwsp.edu>
Sent: Monday, August 30, 2021 3:06 PM
To: Wilz, Kelly <kwilz@uwsp.edu>; Morris, Stuart <stmorris@uwsp.edu>
Cc: Fremstad, Jenna <jfremsta@uwsp.edu>; Przybylski, Jonelle <joprzyby@uwsp.edu>
Subject: RE: Majors that still included "Communication in the Major" and Capstone Experience" headings

Hi Kelly,
The proposal looks good to me. You'll just need to get signatures and record the department vote before you submit the proposal to the Curriculum Committee. Jonelle, do you see anything?

Also, I searched the catalog for any other references to Communication: Media Studies, B.S. and did not find any other references, so you’re good to go. You can just go ahead and check the following boxes in the proposal:

**Required actions** for **Rename** and **Delete** proposals prior to submission (please check all boxes to indicate completion):
- ☒ The initial notification of a Rename and/or Delete/Discontinue proposal should be forwarded to the Catalog Editor, who will search the catalog for all references (as applicable) and all departments and offices affected.
- ☒ The Catalog Editor will provide a listing of all catalog references and affected departments to the department chair of the proposing department or director of the proposing office and the Common Council Office.
- ☐ The proposing department, unit, or office will provide an email to chairs of all affected departments/units and/or directors of all affected offices. The email will provide notification of the proposed deletion, how it affects their department/unit, and a reminder to update “in-house” documentation to reflect the change(s). The chairs of affected departments and/or directors of affected offices will be given a timeframe for responding to the proposed deletion; responses need to be submitted within the established timeframe. Pending no negative responses, the proposal for deletion may move forth to Curriculum Committee and/or Graduate Council (You shouldn’t have to check this box since there aren’t any affected departments/units).

When you submit the proposal to the CuC to delete this major, please also submit a copy of this email as evidence that you contacted me and that the catalog search didn’t show any other departments affected.

Libby

Libby Raymond '94
Publications Editor (Catalog Editor)
Academic Affairs Office
Rm 202 Old Main
UW-Stevens Point
Stevens Point, WI 54481
lraymond@uwsp.edu
715-346-3880

"Don’t you let regret take place of the dreams you have to chase"
-Zac Brown
Hey Libby and Jonelle,

As I work on filling this out, I just wanted to make sure I checked off everything we need to do before I bring it to our first faculty meeting on Sept. 9th (mostly the "required actions" sections).

Are we good here in terms of notifying you, Libby?

I just want to make sure I've done my due diligence here before we officially vote and I send it through other areas of governance.

Thanks!

All best,
Kelly

Kelly Wilz, Ph.D. (she, her, hers)
Area Coordinator, Media Studies
Director of Communication 101
University of Wisconsin-Stevens Point
225 Communication Arts Center
1101 Reserve Street
Stevens Point WI 54481-3897
Phone: 715-346-3409
kwilz@uwsp.edu

I work on the lands originally occupied by the HoChunk and Menominee people.
Hi Kelly,

I realized I typed “Professional Studies” instead of “Professional Communication.” Sorry about that, but I think you knew what I meant.

I’ve copied Steve Hill on this email so he knows what still needs to be done pertaining to Professional Communication.

Libby

Libby Raymond ’94
Publications Editor (Catalog Editor)
Academic Affairs Office
Rm 202 Old Main
UW-Stevens Point
Stevens Point, WI 54481
lraymond@uwsp.edu
715-346-3880

“Don’t you let regret take place of the dreams you have to chase”
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Thanks for this!

Anything related to the Professional Communication major would need to go through the Professional Communication area which would be Steve Hill as area coordinator.

Under reorganization, we are now one school with 5 areas: the School of Design and Communication with area coordinators for Media Studies, Professional Communication, Interior Architecture, Art/Art History, and Graphic Design. Stuart is our Assistant Dean for that school.

I am only the area coordinator for media studies so after looking at this, I’m only seeing that our area needs to take care of this portion:

“Delete Communication: Media Studies, B.S. (this should be done as soon as possible)”

That seems like the only thing that pertains to us specifically.

Do let me know if I’m reading that incorrectly. Thanks!

All best,
Kelly

Kelly Wilz, Ph.D. (she, her, hers)
Area Coordinator, Media Studies
Director of Communication 101
University of Wisconsin-Stevens Point
215 Communication Arts Center
1101 Reserve Street
Stevens Point WI 54481-3897
Phone: 715-346-3409
kwilz@uwsp.edu

I work on the lands originally occupied by the HoChunk and Menominee people.

From: Raymond, Libby <lraymond@uwsp.edu>
Sent: Monday, August 23, 2021 10:00:06 AM
To: Wilz, Kelly <kwilz@uwsp.edu>; Morris, Stuart <stmorris@uwsp.edu>
Cc: Fremstad, Jenna <jfremsta@uwsp.edu>; Przybylski, Jonelle <joprzyby@uwsp.edu>
Subject: RE: Majors that still included "Communication in the Major" and Capstone Experience" headings

Hi Kelly,
I checked with Jonelle Przybylski, and we do know that the following needs to be done yet:

- Delete Communication: Media Studies, B.S. (this should be done as soon as possible)
- Create a Professional Studies, B.S. (if you don’t want there to be anymore Communication majors)
- Delete Communication: Professional Studies, B.S. (you will want to create the Professional Communication, B.S. and delete the Communication: Professional Studies, B.S. at the same time).
- Once the Communication majors (Communication: Media Studies, B.S. and Communication: Professional Communication, B.S.) are deleted and a Professional Communication, B.S. has been created, the Communication page (https://catalog.uwsp.edu/preview_entity.php?catoid=34&ent_oid=2667&returnto=1905) will need to be deleted. You’ll also need to let me know what text you want to appear on the new Professional Communication page (that page will be added here: https://catalog.uwsp.edu/content.php?catoid=34&navoid=1905). The end result will be that there will no longer be a Communication page and there will be a separate page for Media Studies and one for Professional Communication.

Jonelle, if I’ve missed anything you can think of, please respond to all on this email.

I hope this helps.

Libby

Libby Raymond ’94
Publications Editor (Catalog Editor)
Academic Affairs Office
Rm 202 Old Main
UW-Stevens Point
Stevens Point, WI 54481
lraymond@uwsp.edu
715-346-3880

THEN, NOW & FOREVER
WE ARE POINT.

“Don’t you let regret take place of the dreams you have to chase”
-Zac Brown

I work on the lands originally occupied by the HoChunk and Menominee people.
Hey Libby!

Just following up here to make sure we do some housekeeping once the new semester begins.

Can you give us in media studies a master list of all of the changes we need to make ASAP with regards to the BA and BS so we can make those changes all at one meeting and not have to keep going back to the Curriculum Committee?

I know we need to vote to delete the COMM BS option now that we have the MSTU BS, but are there other things that remain inconsistent between the BA and BS that also need edits/changes from us? Or other things we have forgotten to officially delete or edit?

Thanks so much in advance for your time!

Very best wishes,
Kelly

Kelly Wilz, Ph.D. (she, her, hers)
Area Coordinator, Media Studies
Director of Communication 101
University of Wisconsin-Stevens Point
215 Communication Arts Center
1101 Reserve Street
Stevens Point WI 54481-3897
Phone: 715-346-3409
kwilz@uwsp.edu

I work on the lands originally occupied by the HoChunk and Menominee people.
the things that are still incorrect up to date?

That would be really helpful so we don’t have to keep submitting new forms to the CuC.

Thank you!!
All best,
Kelly

Kelly Wilz, Ph.D. (she, her, hers)
Area Coordinator, Media Studies
Director of Communication 101
University of Wisconsin-Stevens Point
225 Communication Arts Center
1101 Reserve Street
Stevens Point WI 54481-3897
Phone: 715-346-3409
kwilz@uwsp.edu

I work on the lands originally occupied by the HoChunk and Menominee people.

From: Morris, Stuart <stmorris@uwsp.edu>
Sent: Friday, July 9, 2021 4:54:21 PM
To: Raymond, Libby <lraymond@uwsp.edu>
Cc: Wilz, Kelly <kwilz@uwsp.edu>
Subject: Re: Majors that still included "Communication in the Major" and Capstone Experience" headings

Thanks Libby. We will work with that designation for now and work a proposal through the Curriculum Committee at a later date if needed.

Stuart

From: Raymond, Libby <lraymond@uwsp.edu>
Sent: Friday, July 9, 2021 4:33 PM
To: Morris, Stuart <stmorris@uwsp.edu>
Subject: Majors that still included "Communication in the Major" and Capstone Experience" headings

Hi Stuart,

In December I sent an email letting you know that since the General Education Program no longer requires Communication in the Major or Capstone Experience within your major(s) that the “Communication in the Major” and “Capstone Experience” headings would need to be removed and
replaced with something else.

Since you did not submit a proposal to revise your major (to remove the “Communication in the Major” and “Capstone Experience” headings), we had to rename the headings to something else, so the courses listed under Communication in the Major and Capstone Experience were combined and listed under a new heading of “Other Requirements.”

If you would like to change the heading to something other than “Other Requirements”, please submit a proposal to the Curriculum Committee (or Graduate Committee for graduate programs) in the fall to reflect the revisions you want.

This change effected the following majors:


Please let me know if you have any questions,

Libby

Libby Raymond '94
Publications Editor (Catalog Editor)
Academic Affairs Office
Rm 202 Old Main
UW-Stevens Point
Stevens Point, WI  54481
lraymond@uwsp.edu
715-346-3880

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-Zac Brown

I work on the lands originally occupied by the HoChunk and Menominee people.
Request for Undergraduate/Graduate PROGRAMS
and
Renaming of a Department, Unit, or Office

☐ New Major or Graduate Program* – Please note: new majors and graduate programs can only be considered by university shared governance after completion of the UW System new program process.

☐ New Option/Track/Emphasis of existing Major*

☐ New Minor/Certificate*

☐ Revise – including: ☐ Rename**

☐ Delete**

☐ Suspend Admission to program

☐ Revise Program-Level Academic Standards

☒ Rename of Department, Unit, Office**

*Proposals for all New Programs, including majors, minors, certificates, and graduate programs, need to also attach the program assessment plan.

**Required actions for Rename and Delete proposals prior to submission (please check all boxes to indicate completion):

☒ The initial notification of a Rename and/or Delete/Discontinue proposal should be forwarded to the Catalog Editor, who will search the catalog for all references (as applicable) and all departments and offices affected.

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☒ The proposing department, unit, or office will provide an email to chairs of all affected departments/units and/or directors of all affected offices. The email will provide notification of the proposed deletion, how it affects their department/unit, and a reminder to update “in-house” documentation to reflect the change(s). The chairs of affected departments and/or directors of affected offices will be given a timeframe for responding to the proposed deletion; responses need to be submitted within the established timeframe. Pending no negative responses, the proposal for deletion may move forth to Curriculum Committee and/or Graduate Council.

The above must be completed prior to the proposing department, unit, or office bringing request for deletion to the Curriculum Committee and/or Graduate Council. The correspondence received from the Catalog Editor and subsequent notifications to all affected departments, units, and/or offices must accompany the Curriculum Committee and/or Graduate Council proposal.

In addition to the chair of the Curriculum Committee and/or Graduate Council, the department is required to share the proposal with:

☐ the chair of each department whose courses are being added or removed from major, minor, certificate program and/or graduate program requirements,

☐ departments expected to have an interest in the proposal,

☐ Academic and Career Advising Center, and

☐ the chair of General Education Committee, if there are changes to the Communication in the Major or Capstone Experience requirements.

The email correspondence notifying all affected departments/units must accompany the Curriculum Committee and/or Graduate Council proposal.

❖ Note: Proposals that are teacher certified must first be submitted to the Teacher Education Subcommittee for approval.

If you have any questions, please email curriculum.committee@uwsp.edu
Desired Effective Term: As soon as possible

For Delete or Rename, only Name of Program is needed.

EXISTING Information

<table>
<thead>
<tr>
<th>Name of Program:</th>
<th>Department of Philosophy</th>
<th>Total credit count/range:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide the Complete Existing Catalog Description:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For Revisions, use underline for new text and strike out for text to be deleted.

New programs do not need underlines.

NEW or REVISED Program Information, including RENAMING

<table>
<thead>
<tr>
<th>Name of Program:</th>
<th>Department of Philosophy and Religious Studies</th>
<th>Total credit count/range:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide the Complete New or Revised Catalog Description:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Provide a brief explanation of the need for this proposal and why it should be approved:
The name change creates better visibility for the Religious Studies program, and more accurately reflects the disciplines housed in the department.

Indicate the number of students enrolled in this program. Explain any expected changes in enrollment patterns.
Approximately 50 majors at present. 100s served each semester through General Education courses. The name change should have no effect on enrollment patterns.

Indicate if this proposal is likely to result in students taking longer to graduate. (If so, explain alternatives considered.)
no

Describe the adequacy of the following resources available to the program. If any additional resources are required to support your proposal, please describe these and indicate plans for obtaining them:

| Equipment: | None |
| Facilities: | None |
| Library Materials: | None |
| Staff: | None |

Teacher Certified Programs only: What effect will this proposal have on Department of Public Instruction (DPI) Certification and or/accreditation requirements? (If any effect, the proposal must first be considered/approved by the Teacher Education Subcommittee.)
Department/unit vote of faculty (for multidisciplinary proposals: voting is only required from the coordinator(s)’s home department(s))

Approve: 6  Opposed: 0  Abstain: 0  Date of vote: 10/6/21

Department/unit vote of graduate faculty (for multidisciplinary proposals: voting is only required from the coordinator(s)’s home department(s))

Approve:  Opposed:  Abstain:  Date of vote:

Recommendation of College Dean

Approve ☒  Disapprove ☐

Date of signature: 10/18/2021  (Dean’s signature)

Comments of College Dean that address budget impact, staffing implications, and other resource related concerns (if any, entered below or attached):

New major and new graduate program approvals require approval of the Vice Chancellor

Include a statement of opinion from the Vice Chancellor if the proposed change requires the approval of UW System Administration.

Approve ☐  Disapprove ☐

Date of signature:  (Vice Chancellor’s signature)

Comments of Vice Chancellor (if any, entered below or attached):

Curriculum Committee vote

Approve:  Opposed:  Abstain:  Date of vote:

Graduate Council vote

Approve:  Opposed:  Abstain:  Date of vote:
Hi Alice,

I searched the catalog for references to “Philosophy” and found the following:

- Listed on the College of Letters and Science page: https://catalog.uwsp.edu/preview_entity.php?catoid=34&ent_oid=2652&hl=%22Philosophy%22&returnto=search
- Listed on the School of Humanities and Global Studies page: https://catalog.uwsp.edu/preview_entity.php?catoid=34&ent_oid=2785&hl=%22Philosophy%22&returnto=search
- Listed on the Philosophy page: https://catalog.uwsp.edu/preview_entity.php?catoid=34&ent_oid=2659&hl=%22Philosophy%22&returnto=search

Please note: you do not need to update these as they will either be automatically updated once the department name is updated (because they are linked to the Philosophy Department page), or I will update them as editorial changes to these pages.

Please include this email with your proposal to rename the major:
- It will serve as proof that you completed this step, and
- It will serve as a reminder to me to editorially update the first 3 pages listed above.

Please let me know if you have any questions.

Libby

Libby Raymond ’94
Publications Editor (Catalog Editor)
Academic Affairs Office
Rm 202 Old Main
UW-Stevens Point
Stevens Point, WI 54481
lraymond@uwsp.edu
715-346-3880
“Don’t you let regret take place of the dreams you have to chase”
-Zac Brown

I work on the lands originally occupied by the HoChunk and Menominee people.

From: Keefe, Alice <akeefe@uwsp.edu>
Sent: Tuesday, October 12, 2021 2:54 PM
To: Raymond, Libby <lraymond@uwsp.edu>
Subject: dept name change

Dear Libby,

On another matter, last week our department voted to change our name from “Department of Philosophy” to “Department of Philosophy and Religious Studies”. I believe the next step is to contact you to research who needs to be contacted about this before it can go to Curriculum Committee.

Alice A. Keefe
Chair, Department of Philosophy and Religious Studies
Coordinator of Women’s and Gender Studies
Professor of Religious Studies
University of Wisconsin – Stevens Point
Request for Undergraduate/Graduate PROGRAMS
and
Renaming of a Department, Unit, or Office

☐ New Major or Graduate Program* – Please note: new majors and graduate programs can only be considered by university shared governance after completion of the UW System new program process.

☐ New Option/Track/Emphasis of existing Major*

☐ New Minor/Certificate*

☒ Revise – including: ☐ Rename**

☐ Delete**

☐ Suspend Admission to program

☐ Revise Program-Level Academic Standards

☐ Rename of Department, Unit, Office**

*Proposals for all New Programs, including majors, minors, certificates, and graduate programs, need to also attach the program assessment plan.

**Required actions for Rename and Delete proposals prior to submission (please check all boxes to indicate completion):

☐ The initial notification of a Rename and/or Delete/Discontinue proposal should be forwarded to the Catalog Editor, who will search the catalog for all references (as applicable) and all departments and offices affected.

☐ The Catalog Editor will provide a listing of all catalog references and affected departments to the department chair of the proposing department or director of the proposing office and the Common Council Office.

☐ The proposing department, unit, or office will provide an email to chairs of all affected departments/units and/or directors of all affected offices. The email will provide notification of the proposed deletion, how it affects their department/unit, and a reminder to update “in-house” documentation to reflect the change(s). The chairs of affected departments and/or directors of affected offices will be given a timeframe for responding to the proposed deletion; responses need to be submitted within the established timeframe. Pending no negative responses, the proposal for deletion may move forth to Curriculum Committee and/or Graduate Council.

The above must be completed prior to the proposing department, unit, or office bringing request for deletion to the Curriculum Committee and/or Graduate Council. The correspondence received from the Catalog Editor and subsequent notifications to all affected departments, units, and/or offices must accompany the Curriculum Committee and/or Graduate Council proposal.

In addition to the chair of the Curriculum Committee and/or Graduate Council, the department is required to share the proposal with:

☒ the chair of each department whose courses are being added or removed from major, minor, certificate program and/or graduate program requirements,

☒ departments expected to have an interest in the proposal,

☒ Academic and Career Advising Center, and

☐ the chair of General Education Committee, if there are changes to the Communication in the Major or Capstone Experience requirements.

The email correspondence notifying all affected departments/units must accompany the Curriculum Committee and/or Graduate Council proposal.

❖ Note: Proposals that are teacher certified must first be submitted to the Teacher Education Subcommittee for approval.

If you have any questions, please email curriculum.committee@uwsp.edu
Desired Effective Term: Spring 2022

For Delete or Rename, only Name of Program is needed.

### EXISTING Information

<table>
<thead>
<tr>
<th>Name of Program:</th>
<th>Forestry: Urban and Community Forestry, B.S.</th>
<th>Total credit count/range:</th>
<th>104-105</th>
</tr>
</thead>
</table>
| **Provide the Complete Existing Catalog Description:** | This major is administered by the Forestry Discipline. Major study and approved Career Pathway Courses total 120-121 credits of which 104-105 are major and option specific requirements. The remaining 16 credits are general education courses not embedded within the major. Forestry Core, 57-58 credits Forestry and Natural Resources

FOR 120 - Preparing for a Career in Forestry 1 cr.
FOR 232 - Dendrology and Silvics 3 cr.
FOR 321 - Natural Resources Data Analysis 4 cr.
FOR 322 - Forest Mensuration 3 cr.
FOR 332 - Forest Ecosystem Ecology 3 cr.
FOR 425 - Forest Management and Finance 3 cr.
FOR 432 - Silviculture 3 cr.
FOR 449 - Basic Forestry Skills Review and Testing 0 cr.
NRES 150 - People, Resources and the Biosphere 3 cr.
NRES 151 - Ecological Basis for Natural Resource Management 3 cr.
NRES 250 - Introduction to Fisheries, Forestry and Wildlife Resources 4 cr.
NRES 251 - Introduction to Soil and Water Resources 4 cr.
NRES 372 - Resource Economics 3 cr.

Required

BIOL 130 - Introduction to Plant Biology 5 cr.
ECON 110 - Principles of Macroeconomics 3 cr.
GEOG 241 - Fundamentals of Geographic Information Systems 2 cr.
PHIL 380 - Environmental Ethics 3 cr.

Field Techniques in Natural Resources, 7-8 credits

Take all of the following:

FOR 319 - Land Surveying 1 cr.
FOR 320 - Field Experience in Forest Measurement 1 cr.
NRES 405 - Selected Topics in Natural Resources 1-3 cr.
SOIL 359 - Soil Conservation and Watershed Inventory Techniques 1 cr.
SOIL 360 - Field Experience in Soil Inventory Methods 1 cr.
WATR 380 - Field Experience in Aquatic Ecosystem Evaluation 1 cr.
WLDL 340 - Field Experience in Wildlife Management Techniques 1 cr.

Or 8 credits of

NRES 475 - International Field Experiences in Natural Resources Management 1-8 cr.

Forestry Internship or Employment

One summer of adviser-approved forestry internship or employment.
Urban and Community Forestry option, 47 credits

Natural Science

CHEM 101 - Basic Chemistry 5 cr. or
CHEM 105 - Fundamental Chemistry 5 cr.

Required

MATH 109 - Mathematics for the Social and Management Sciences 4 cr. or
MATH 111 - Applied Calculus 4 cr.

MATH 112 - Basic Trigonometry and Applications 2 cr.
FOR 331 - Landscape Maintenance/Arboriculture 3 cr.
FOR 335 - Recreational Use of Forests and Parks 3 cr.
FOR 342 - Urban Trees and Shrubs 2 cr.
FOR 385 - Applied Landscape Architecture 3 cr.
FOR 395 - Tree Care Techniques 1 cr.
FOR 424 - Forest Pathology 3 cr.
FOR 426 - Forest Entomology 3 cr.
FOR 431 - Functional Tree Biology 3 cr.
FOR 435 - Nursery Operations and Management 3 cr.
FOR 444 - Urban and Community Forestry 3 cr.
NRES 320 - Natural Resources Communication and Public Relations 3 cr.

Career Pathway Courses, 6 credits

Choose from:

BUS 320 - Principles of Management 3 cr.
BUS 324 - Human Resource Management 3 cr.
BUS 340 - Business Law and Ethics 3 cr.
BUS 343 - Principles of Insurance 3 cr.
CHEM 106 - Fundamental Chemistry 5 cr.
FOR 324 - Fire Management and Ecology 2 cr.
FOR 336 - Pesticides in Natural Resource Management 1 cr.
FOR 339 - Survey of Forest Certification Systems 1 cr.
FOR 381 - Internship in Forestry 1-12 cr. (1-3 cr)
FOR 436 - Managing Non-industrial Private Forests 2 cr.
FOR 480 - Forest Recreation Management 3 cr.
FOR 485 - Forest Recreation Planning and Site Design 3 cr.

GEOG 230 - Introduction to Regional Planning and Geodesign 3 cr. or
NRES 388 - Introduction to Urban and Regional Planning 3 cr.

GEOG 330 - Urban and Regional Planning Analysis 3 cr. or
NRES 389 - Methods in Social Science 3 cr.

GEOG 341 - Geographic Information Systems I 3 cr.

GEOG 377 - Remote Sensing I 3 cr. or
NRES 377 - Remote Sensing I 3 cr.

GEOL 104 - Physical Geology 4 cr.
NRES 335 - Turf Management 2 cr.
NRES 336 - Integrated Pest Management Workshop 1 cr.
NRES 394 - Ecological Basis for Planning and Design 3 cr.
NRES 457 - Ecological Monitoring 3 cr.
NRES 459 - Ecosystem Management and Restoration 3 cr.
NRES 474 - Integrated Resource Management 3 cr.
PHYS 101 - General Physics 5 cr.
PHYS 201 - Applied Principles of Physics I 4 cr.
PHYS 203 - College Physics I 5 cr.
PHYS 204 - College Physics II 5 cr.
POLI 250 - Public Administration 3 cr.
POLI 304 - Environmental Politics and Policy 3 cr.
POLI 358 - Public Budgets 3 cr.
SOC 357 - Sociology of Planning 3 cr.
SOIL 361 - Forest Soils 3 cr.

For Revisions, use underline for new text and strike out for text to be deleted. ❖
❖ New programs do not need underlines. ❖

NEW or REVISED Program Information, including RENAMING

<table>
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<tr>
<th>Name of Program:</th>
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<th>Total credit count/range:</th>
<th>104-105 104-106</th>
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Provide the Complete New or Revised Catalog Description

This major is administered by the Forestry Discipline.

Major study and approved Career Pathway Courses total 120-121122 credits of which 104-105106 are major and option specific requirements. The remaining 16 credits are general education courses not embedded within the major.

A total of 104-106 credits, plus 16 credits from general education courses not embedded within the major.

Forestry Core, 57-5858-59 credits

Forestry and Natural Resources

FOR 120 - Preparing for a Career in Forestry 1 cr.
FOR 232 - Dendrology and Silvics 3 cr.
FOR 321 - Natural Resources Data Analysis 4 cr.
FOR 322 - Forest Mensuration 3 cr.
FOR 332 - Forest Ecosystem Ecology 3 cr.
FOR 425 - Forest Management and Finance 3 cr.
FOR 432 - Silviculture 3 cr.
FOR 449 - Basic Forestry Skills Review and Testing 0 cr.
NRES 150 - People, Resources and the Biosphere 3 cr.
NRES 151 - Ecological Basis for Natural Resource Management 3 cr.
NRES 250 - Introduction to Fisheries, Forestry and Wildlife Resources 4 cr.
NRES 251 - Introduction to Soil and Water Resources 4 cr.
NRES 372 - Resource Economics 3 cr.
Required

- BIOL 130 - Introduction to Plant Biology 5 cr.
- ECON 110 - Principles of Macroeconomics 3 cr.

- GEOG 241 - Fundamentals of Geographic Information Systems 2 cr.

WATR 391 - GIS Applications in Natural Resources 3 cr. or
GEOG 341 - Geographic Information Systems I 3 cr.

- PHIL 380 - Environmental Ethics 3 cr.

Field Techniques in Natural Resources, 7-8 credits

Take all of the following:

- FOR 319 - Land Surveying 1 cr.
- FOR 320 - Field Experience in Forest Measurement 1 cr.
- NRES 405 - Selected Topics in Natural Resources 1-3 cr. (Take 1 credit.)
- SOIL 359 - Soil Conservation and Watershed Inventory Techniques 1 cr.
- SOIL 360 - Field Experience in Soil Inventory Methods 1 cr.
- WATR 380 - Field Experience in Aquatic Ecosystem Evaluation 1 cr.
- WLDL 340 - Field Experience in Wildlife Management Techniques 1 cr.

Or 8 credits of

- NRES 475 - International Field Experiences in Natural Resources Management 1-8 cr.

Forestry Internship or Employment

One summer of adviser-approved forestry internship or employment.

Urban and Community Forestry option, 46-47 credits

Natural Science

- CHEM 101 - Basic Chemistry 5 cr. or
- CHEM 105 - Fundamental Chemistry 5 cr.

Required

- MATH 109 - Mathematics for the Social and Management Sciences 4 cr. or
- MATH 111 - Applied Calculus 4 cr.

- MATH 112 - Basic Trigonometry and Applications 2 cr.
- FOR 331 - Landscape Maintenance/Arboriculture 3 cr.
- FOR 335 - Recreational Use of Forests and Parks 3 cr.
- FOR 342 - Urban Trees and Shrubs 2 cr.
- FOR 385 - Applied Landscape Architecture 3 cr.
- FOR 395 - Tree Care Techniques 1 cr.
- FOR 424 - Forest Pathology 3 cr.
- FOR 426 - Forest Entomology 3 cr.
- FOR 431 - Functional Tree Biology 3 cr.
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<td>FOR 435</td>
<td>Nursery Operations and Management</td>
<td>3 cr.</td>
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<td>FOR 444</td>
<td>Urban and Community Forestry</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NRES 320</td>
<td>Natural Resources Communication and Public Relations</td>
<td>3 cr.</td>
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</table>

Career Pathway Courses, 5-6 credits

Choose from:

- BUS 320 - Principles of Management 3 cr.
- BUS 324 - Human Resource Management 3 cr.
- BUS 340 - Business Law and Ethics 3 cr.
- BUS 343 - Principles of Insurance 3 cr.
- CHEM 106 - Fundamental Chemistry 5 cr.
- FOR 324 - Fire Management and Ecology 2 cr.
- FOR 336 - Pesticides in Natural Resource Management 1 cr.
- FOR 339 - Survey of Forest Certification Systems 1 cr.
- FOR 381 - Internship in Forestry 1-12 cr. (1-3 cr)
- FOR 436 - Managing Non-industrial Private Forests 2 cr.
- FOR 480 - Forest Recreation Management 3 cr.
- FOR 485 - Forest Recreation Planning and Site Design 3 cr.

- GEOG 230 - Introduction to Regional Planning and Geodesign 3 cr. or
- NRES 388 - Introduction to Urban and Regional Planning 3 cr.

- GEOG 330 - Urban and Regional Planning Analysis 3 cr. or
- NRES 389 - Methods in Social Science 3 cr.

- GEOG 341 - Geographic Information Systems I 3 cr.

- GEOG 377 - Remote Sensing I 3 cr. or
- NRES 377 - Remote Sensing I 3 cr.

- GEOL 104 - Physical Geology 4 cr.
- NRES 335 - Turf Management 2 cr.
- NRES 336 - Integrated Pest Management Workshop 1 cr.
- NRES 394 - Ecological Basis for Planning and Design 3 cr.
- NRES 457 - Ecological Monitoring 3 cr.
- NRES 459 - Ecosystem Management and Restoration 3 cr.
- NRES 474 - Integrated Resource Management 3 cr.
- PHYS 101 - General Physics 5 cr.
- PHYS 201 - Applied Principles of Physics I 4 cr.
- PHYS 203 - College Physics I 5 cr.
- PHYS 204 - College Physics II 5 cr.
- POLI 250 - Public Administration 3 cr.
- POLI 304 - Environmental Politics and Policy 3 cr.
- POLI 358 - Public Budgets 3 cr.
- SOC 357 - Sociology of Planning 3 cr.
- SOIL 361 - Forest Soils 3 cr.
Provide a brief explanation of the need for this proposal and why it should be approved:
The proposed change aligns the “forestry core” in the Urban and Community Forestry option with that of the other Forestry major options.

Indicate the number of students enrolled in this program. Explain any expected changes in enrollment patterns.
No impact expected.

Indicate if this proposal is likely to result in students taking longer to graduate. (If so, explain alternatives considered.)
No impact expected.

Describe the adequacy of the following resources available to the program. If any additional resources are required to support your proposal, please describe these and indicate plans for obtaining them:

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Adequate</th>
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</thead>
<tbody>
<tr>
<td>Facilities</td>
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<tr>
<td>Library Materials</td>
<td>Adequate</td>
</tr>
<tr>
<td>Staff</td>
<td>Adequate</td>
</tr>
</tbody>
</table>

Teacher Certified Programs only: What effect will this proposal have on Department of Public Instruction (DPI) Certification and or/accreditation requirements? (If any effect, the proposal must first be considered/approved by the Teacher Education Subcommittee.)
### Department/unit vote of faculty
(for multidisciplinary proposals: voting is only required from the coordinator(s)’s home department(s))

| Approve: 34 | Opposed: 0 | Abstain: 0 | Date of vote: 10/13/21 |

### Department/unit vote of graduate faculty
(for multidisciplinary proposals: voting is only required from the coordinator(s)’s home department(s))

| Approve: | Opposed: | Abstain: | Date of vote: |

### Recommendation of College Dean

| Approve ☐X | Disapprove ☐ | 

Date of signature: 10/20/2021  
*(Dean’s signature)*

Comments of College Dean that address budget impact, staffing implications, and other resource related concerns (if any, entered below or attached):

### New major and new graduate program approvals require approval of the Vice Chancellor

Include a statement of opinion from the Vice Chancellor if the proposed change requires the approval of UW System Administration.

| Approve ☐ | Disapprove ☐ |

Date of signature:  
*(Vice Chancellor’s signature)*

Comments of Vice Chancellor (if any, entered below or attached):

### Curriculum Committee vote

| Approve: | Opposed: | Abstain: | Date of vote: |

### Graduate Council vote

| Approve: | Opposed: | Abstain: | Date of vote: |
Request for Undergraduate/Graduate PROGRAMS
and
Renaming of a Department, Unit, or Office

☐ New Major or Graduate Program* – Please note: new majors and graduate programs can only be considered by university shared governance after completion of the UW System new program process.

☐ New Option/Track/Emphasis of existing Major*

☐ New Minor/Certificate*

☒ Revise – including: ☐ Rename**

☐ Delete**

☐ Suspend Admission to program

☐ Revise Program-Level Academic Standards

☐ Rename of Department, Unit, Office**

*Proposals for all New Programs, including majors, minors, certificates, and graduate programs, need to also attach the program assessment plan.

**Required actions for Rename and Delete proposals prior to submission (please check all boxes to indicate completion):

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☐ The Catalog Editor will provide a listing of all catalog references and affected departments to the department chair of the proposing department or director of the proposing office and the Common Council Office.

☐ The proposing department, unit, or office will provide an email to chairs of all affected departments/units and/or directors of all affected offices. The email will provide notification of the proposed deletion, how it affects their department/unit, and a reminder to update “in-house” documentation to reflect the change(s). The chairs of affected departments and/or directors of affected offices will be given a timeframe for responding to the proposed deletion; responses need to be submitted within the established timeframe. Pending no negative responses, the proposal for deletion may move forth to Curriculum Committee and/or Graduate Council.

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☒ the chair of each department whose courses are being added or removed from major, minor, certificate program and/or graduate program requirements,

☒ departments expected to have an interest in the proposal,

☒ Academic and Career Advising Center, and

☒ the chair of General Education Committee, if there are changes to the Communication in the Major or Capstone Experience requirements.

The email correspondence notifying all affected departments/units must accompany the Curriculum Committee and/or Graduate Council proposal.

Note: Proposals that are teacher certified must first be submitted to the Teacher Education Subcommittee for approval.

If you have any questions, please email curriculum.committee@uwsp.edu
Desired Effective Term: Spring 2022

For Delete or Rename, only Name of Program is needed.

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Provide the Complete Existing Catalog Description:

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Major study and approved Career Pathway Courses total 120-121 credits of which 104-106 are major and option specific requirements. The remaining 16 credits are general education courses not embedded within the major.

Forestry Core, 57-58 credits

*Forestry and Natural Resources*

- FOR 120 - Preparing for a Career in Forestry 1 cr.
- FOR 232 - Dendrology and Silvics 3 cr.
- FOR 321 - Natural Resources Data Analysis 4 cr.
- FOR 322 - Forest Mensuration 3 cr.
- FOR 332 - Forest Ecosystem Ecology 3 cr.
- FOR 425 - Forest Management and Finance 3 cr.
- FOR 432 - Silviculture 3 cr.
- FOR 449 - Basic Forestry Skills Review and Testing 0 cr.
- NRES 150 - People, Resources and the Biosphere 3 cr.
- NRES 151 - Ecological Basis for Natural Resource Management 3 cr.
- NRES 250 - Introduction to Fisheries, Forestry and Wildlife Resources 4 cr.
- NRES 251 - Introduction to Soil and Water Resources 4 cr.
- NRES 372 - Resource Economics 3 cr.

**Required**

- BIOL 130 - Introduction to Plant Biology 5 cr.
- ECON 110 - Principles of Macroeconomics 3 cr.
- GEOG 241 - Fundamentals of Geographic Information Systems 2 cr.
- PHIL 380 - Environmental Ethics 3 cr.

**Field Techniques in Natural Resources, 7-8 credits**

Take all of the following:

- FOR 319 - Land Surveying 1 cr.
- FOR 320 - Field Experience in Forest Measurement 1 cr.
- NRES 405 - Selected Topics in Natural Resources 1-3 cr.
- SOIL 359 - Soil Conservation and Watershed Inventory Techniques 1 cr.
- SOIL 360 - Field Experience in Soil Inventory Methods 1 cr.
- WATR 380 - Field Experience in Aquatic Ecosystem Evaluation 1 cr.
- WLDL 340 - Field Experience in Wildlife Management Techniques 1 cr.

Or 8 credits of

- NRES 475 - International Field Experiences in Natural Resources Management 1-8 cr.

**Forestry Internship or Employment**

One summer of adviser-approved forestry internship or employment.

*Forest Management, 46-47 credits*
Natural Science

CHEM 101 - Basic Chemistry 5 cr. or
CHEM 105 - Fundamental Chemistry 5 cr.

Required

FOR 324 - Fire Management and Ecology 2 cr.

FOR 331 - Landscape Maintenance/Arboriculture 3 cr. or
FOR 444 - Urban and Community Forestry 3 cr.

FOR 334 - Forest Recreation and Tourism 3 cr.
FOR 335 - Recreational Use of Forests and Parks 3 cr.
FOR 385 - Applied Landscape Architecture 3 cr.
FOR 394 - Forest Recreation Seminar 1 cr.
FOR 426 - Forest Entomology 3 cr.
FOR 480 - Forest Recreation Management 3 cr.
FOR 485 - Forest Recreation Planning and Site Design 3 cr.

MATH 109 - Mathematics for the Social and Management Sciences 4 cr. or
MATH 111 - Applied Calculus 4 cr.

MATH 112 - Basic Trigonometry and Applications 2 cr.
NRES 320 - Natural Resources Communication and Public Relations 3 cr.
NRES 368 - Oral Interpretation Methods 3 cr.

Take 3-4 credits from

COMM 180 - Foundations of Workplace Communication 3 cr.
ENGL 248 - Introduction to Environmental and Science Writing 3 cr.
ENGL 254 - Introduction to Technical Writing 3 cr.
ENGL 351 - Advanced Business Writing 3 cr.
ENGL 354 - Advanced Scientific and Technical Writing 3 cr.
NRES 369 - Interpretive Media 4 cr.

Career Pathway Courses, 3 credits

Choose from:

FOR 336 - Pesticides in Natural Resource Management 1 cr.
FOR 339 - Survey of Forest Certification Systems 1 cr.
FOR 342 - Urban Trees and Shrubs 2 cr.
FOR 381 - Internship in Forestry 1-12 cr. (1-3 cr)
FOR 424 - Forest Pathology 3 cr.
FOR 430 - Landscape Construction 3 cr.
FOR 431 - Functional Tree Biology 3 cr.
FOR 433 - Regional Silviculture 2 cr.
FOR 444 - Urban and Community Forestry 3 cr.
GEOG 341 - Geographic Information Systems 1 3 cr.

Page 3 of 3
GEOG 377 - Remote Sensing I 3 cr. or
NRES 377 - Remote Sensing I 3 cr.

GEOG 230 - Introduction to Regional Planning and Geodesign 3 cr. or
NRES 388 - Introduction to Urban and Regional Planning 3 cr.

GEOG 330 - Urban and Regional Planning Analysis 3 cr. or
NRES 389 - Methods in Social Science 3 cr.

NRES 335 - Turf Management 2 cr.
NRES 392 - Conservation Law Enforcement Theory and Principles 4 cr.
NRES 393 - Conservation Law Enforcement 1-15 cr.
NRES 473 - Resource Policy and Law 3 cr.
NRES 474 - Integrated Resource Management 3 cr.
or any 300-400 level wildlife course beyond 320, excluding WLDL 340.

For Revisions, use underline for new text and strike out for text to be deleted. New programs do not need underlines.

NEW or REVISED Program Information, including RENAMING

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<td>104-106 104-107</td>
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Provide the Complete New or Revised Catalog Description

This major is administered by the Forestry Discipline.

Major study and approved Career Pathway Courses total 120-121 credits, of which 104-106 credits are major and option specific requirements. The remaining 16 credits are general education courses not embedded within the major.

A total of 104-107 credits, plus 16 credits from general education courses not embedded within the major.

Forestry Core, 57-58 credits

Forestry and Natural Resources

FOR 120 - Preparing for a Career in Forestry 1 cr.
FOR 232 - Dendrology and Silvics 3 cr.
FOR 321 - Natural Resources Data Analysis 4 cr.
FOR 322 - Forest Mensuration 3 cr.
FOR 332 - Forest Ecosystem Ecology 3 cr.
FOR 425 - Forest Management and Finance 3 cr.
FOR 432 - Silviculture 3 cr.
FOR 449 - Basic Forestry Skills Review and Testing 0 cr.
NRES 150 - People, Resources and the Biosphere 3 cr.
NRES 151 - Ecological Basis for Natural Resource Management 3 cr.
NRES 250 - Introduction to Fisheries, Forestry and Wildlife Resources 4 cr.
NRES 251 - Introduction to Soil and Water Resources 4 cr.
NRES 372 - Resource Economics 3 cr.

Required
BIOL 130 - Introduction to Plant Biology 5 cr.
ECON 110 - Principles of Macroeconomics 3 cr.
GEOG 241 - Fundamentals of Geographic Information Systems 2 cr.
GEOG 341 - Geographic Information Systems I 3 cr.
GEOG 341 - Geographic Information Systems I 3 cr.
WATR 391 - GIS Applications in Natural Resources 3 cr. or
PHIL 380 - Environmental Ethics 3 cr.
Field Techniques in Natural Resources, 7-8 credits
Take all of the following:
FOR 319 - Land Surveying 1 cr.
FOR 320 - Field Experience in Forest Measurement 1 cr.
NRES 405 - Selected Topics in Natural Resources 1-3 cr. (Take 1 credit.)
SOIL 359 - Soil Conservation and Watershed Inventory Techniques 1 cr.
SOIL 360 - Field Experience in Soil Inventory Methods 1 cr.
WATR 380 - Field Experience in Aquatic Ecosystem Evaluation 1 cr.
WLDL 340 - Field Experience in Wildlife Management Techniques 1 cr.
Or 8 credits of
NRES 475 - International Field Experiences in Natural Resources Management 1-8 cr.
Forestry Internship or Employment
One summer of adviser-approved forestry internship or employment.
Forest Management Recreation option, 46-47 credits
Natural Science
CHEM 101 - Basic Chemistry 5 cr. or
CHEM 105 - Fundamental Chemistry 5 cr.
Required
FOR 324 - Fire Management and Ecology 2 cr. or
FOR 424 Forest Pathology 3 cr. or
FOR 426 Forest Entomology 3 cr.
FOR 331 - Landscape Maintenance/Arboriculture 3 cr. or
FOR 444 - Urban and Community Forestry 3 cr.
FOR 334 - Forest Recreation and Tourism 3 cr.
FOR 335 - Recreational Use of Forests and Parks 3 cr.
FOR 385 - Applied Landscape Architecture 3 cr.
FOR 394 - Forest Recreation Seminar 1 cr.
FOR 426 - Forest Entomology 3 cr.
FOR 480 - Forest Recreation Management 3 cr.
FOR 485 - Forest Recreation Planning and Site Design 3 cr.
MATH 109 - Mathematics for the Social and Management Sciences 4 cr. or
MATH 111 - Applied Calculus 4 cr.
MATH 112 - Basic Trigonometry and Applications 2 cr.
NRES 320 - Natural Resources Communication and Public Relations 3 cr.
NRES 368 - Oral Interpretation Methods 3 cr.

Take 3-4 credits from

- COMM 180 - Foundations of Workplace Communication 3 cr.
- ENGL 248 - Introduction to Environmental and Science Writing 3 cr.
- ENGL 254 - Introduction to Technical Writing 3 cr.
- ENGL 351 - Advanced Business Writing 3 cr.
- ENGL 354 - Advanced Scientific and Technical Writing 3 cr.
- NRES 369 - Interpretive Media 3 cr.

Career Pathway Courses, 38-9 credits

Choose from:

Any 300 or higher level Forestry course* or any of the following courses*:

- FOR 336 - Pesticides in Natural Resource Management 1 cr.
- FOR 339 - Survey of Forest Certification Systems 1 cr.
- FOR 342 - Urban Trees and Shrubs 2 cr.
- FOR 381 - Internship in Forestry 1-12 cr. (1-3 cr)
- FOR 424 - Forest Pathology 3 cr.
- FOR 430 - Landscape Construction 3 cr.
- FOR 431 - Functional Tree Biology 3 cr.
- FOR 433 - Regional Silviculture 2 cr.
- FOR 444 - Urban and Community Forestry 3 cr.
- GEOG 341 - Geographic Information Systems 1 cr.

COMM 180 - Foundations of Workplace Communication 3 cr.
ENGL 248 - Introduction to Environmental and Science Writing 3 cr.
ENGL 254 - Introduction to Technical Writing 3 cr.
ENGL 351 - Advanced Business Writing 3 cr.
ENGL 354 - Advanced Scientific and Technical Writing 3 cr.

GEOG 377 - Remote Sensing I 3 cr. or
NRES 377 - Remote Sensing I 3 cr.

GEOG 230 - Introduction to Regional Planning and Geodesign 3 cr. or
NRES 388 - Introduction to Urban and Regional Planning 3 cr.

GEOG 330 - Urban and Regional Planning Analysis 3 cr. or
NRES 389 - Methods in Social Science 3 cr.

NRES 281 – Introduction to Recreation and Parks 3 cr.
NRES 305 – Inclusive Practices for Outdoor Professionals 2 cr.

NRES 324 – Invasive and Exotic Species 3 cr. or
WATR 324 – Invasive and Exotic Species 3 cr.
NRES 335 – Turf Management 2 cr.
NRES 369 – Interpretive Media 4 cr.
NRES 392 – Conservation Law Enforcement Theory and Principles 4 cr.
NRES 393 – Conservation Law Enforcement 1-15 cr.
NRES 474 – Integrated Resource Management 3 cr.
Or any 300-400 level wildlife course beyond 320, excluding WLDL 340.
WLDL 450 - Human Dimensions of Wildlife 3 cr.
WLDL 451 - Management of Wildlife Habitat 4 cr.

Note
(*If not already taken to satisfy a requirement above.)

Provide a brief explanation of the need for this proposal and why it should be approved:
The proposed change aligns the “forestry core” in the Forest Recreation option with that of the other Forestry major options. Career Pathway courses are also updated and expanded to provide current, relevant options and more flexibility for students.

<table>
<thead>
<tr>
<th>Indicate the number of students enrolled in this program. Explain any expected changes in enrollment patterns.</th>
</tr>
</thead>
<tbody>
<tr>
<td>No impact expected.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Indicate if this proposal is likely to result in students taking longer to graduate. (If so, explain alternatives considered.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No impact expected.</td>
</tr>
</tbody>
</table>

Describe the adequacy of the following resources available to the program. If any additional resources are required to support your proposal, please describe these and indicate plans for obtaining them:

<table>
<thead>
<tr>
<th>Equipment:</th>
<th>Adequate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facilities:</td>
<td>Adequate</td>
</tr>
<tr>
<td>Library Materials:</td>
<td>Adequate</td>
</tr>
<tr>
<td>Staff:</td>
<td>Adequate</td>
</tr>
</tbody>
</table>

Teacher Certified Programs only: What effect will this proposal have on Department of Public Instruction (DPI) Certification and or/accreditation requirements? (If any effect, the proposal must first be considered/approved by the Teacher Education Subcommittee.)
### Department/unit vote of faculty
(for multidisciplinary proposals: voting is only required from the coordinator(s)’s home department(s))

| Approve: 34 | Opposed: 0 | Abstain: 0 | Date of vote: 10/13/21 |

### Department/unit vote of graduate faculty
(for multidisciplinary proposals: voting is only required from the coordinator(s)’s home department(s))

| Approve: | Opposed: | Abstain: | Date of vote: |

### Recommendation of College Dean

| Approve ☐ X | Disapprove ☐ |

Date of signature: 10/20/2021  
(Dean’s signature)

Comments of College Dean that address budget impact, staffing implications, and other resource related concerns (if any, entered below or attached):

### New major and new graduate program approvals require approval of the Vice Chancellor

Include a statement of opinion from the Vice Chancellor if the proposed change requires the approval of UW System Administration.

| Approve ☐ | Disapprove ☐ |

Date of signature:  
(Vice Chancellor’s signature)

Comments of Vice Chancellor (if any, entered below or attached):

### Curriculum Committee vote

| Approve: | Opposed: | Abstain: | Date of vote: |

### Graduate Council vote

| Approve: | Opposed: | Abstain: | Date of vote: |
Hi Paul

Thanks for sending this on to me. The Geography dept. has no concerns or comments regarding the proposed changes.

Eric

Hi Eric,

Hope all is well with you and yours.

Attached please find two curricular forms related to the Forest Recreation & Urban and Community Forestry options within the B.S. forestry degree.

I am reaching out to you today for any comments or concerns you might have regarding a change that appears on page 5 of both documents.

Last year we updated our other two options within forestry (Forest Management & Ecosystem Restoration and Management) with respect to the transition from requiring to the former GEOG 241 to requiring GEOG 341 or WATR 391, with that catalog change now in effect.

This paperwork makes those same updates to our other two options - Rec and UCF.

Do you have any comments or concerns about these proposed changes?

Respectfully yours,

Paul

--
Paul Doruska
Professor of Forest Measurements & Forestry Discipline Coordinator
College of Natural Resources
Univ. of Wisconsin-Stevens Point
800 Reserve Street
Stevens Point, WI USA 54481
vox: 715-346-3988
fax: 715-346-4554
e-mail: paul.doruska@uwsp.edu
http://www.uwsp.edu/forestry/Pages/faculty/Doruska.aspx
Request for Undergraduate and/or Graduate COURSES

☐ New
☒ Revise – including: ☐ Renumber* ☐ Re-Prefix*
☐ Delete*

*For Renumber, Re-prefix, and/or Delete proposals, the proposing department, unit, or office must complete the following actions (check all boxes when done) prior to submitting the proposal to the Curriculum Committee and/or Graduate Council.

The correspondence received from the Catalog Editor and subsequent notifications to all affected departments, units, and/or offices must accompany the Curriculum Committee and/or Graduate Council proposal.

☐ The initial notification of a course being proposed for renumbering and/or re-prefixing should be forwarded to the Catalog Editor, who will search the catalog for all references of the course (as applicable) and all departments and offices affected.

☐ The Catalog Editor will provide a listing of all catalog references and affected departments to the chair of the proposing department or director of the proposing office and the Common Council Office.

☐ The proposing department, unit, or office will provide an email to chairs of all affected departments/units and/or directors of all affected offices. The email will provide notification of the proposed renumbering and/or re-prefixing, how it affects their department/unit, and a reminder to update “in-house” documentation to reflect the change(s). The chairs of affected departments and/or directors of affected offices will be given a timeframe for responding to the proposed renumbering/re-prefixing; responses need to be submitted within the established timeframe. Pending no negative responses, the proposal for renumbering and/or re-prefixing may move forth to Curriculum Committee and/or Graduate Council.

Get existing course information from the Future Catalog at http://catalog.uwsp.edu/. (Click on the icon, and copy and paste desired text from this print-friendly page to remove all Acalog formatting.)

If you have any questions, please email curriculum.committee@uwsp.edu

Desired Effective Term: Spring 2022

### EXISTING Information for REVISIONS or DELETIONS

| Course Prefix & Number (e.g. ENGL 101): | PSEN 115 | Credits: | 3 |
|----------------------------------------|----------|----------|
| Course Title (100 characters max.):    | Pulp and Paper Laboratory Methods |
| Course Description:                   | Laboratory methods in pulp, paper, and nonfibrous testing; microscopic techniques; emphasis on statistical analysis of data and technical writing. |
| Undergraduate Level Prerequisite(s):   | Either CHEM 117 or CHEM 105 |
| Graduate Level Prerequisite(s):        | n/a |
| Is the Course Repeatable for Credit?   | ☐ Yes ☒ No |
| Maximum total credits if repeatable:   | |
| Grading Basis:                         | ☒ Graded ☐ Pass/Fail |

![Diagram](image)

Existing course information should be revised using underline for new text and strike out for text to be deleted.

### NEW or REVISED Course Information

| Course Prefix & Number (e.g. ENGL 101) | PSEN 115 | Credits: | 3 |
|----------------------------------------|----------|----------|
| Course Title (100 characters max.):    | Pulp and Paper Laboratory Methods |
| Abbreviated Course Title for Transcript (30 characters max.) if needed: | Pulp and Paper Laboratory Methods |
### Course Description:
Laboratory methods in pulp, paper, and nonfibrous testing; microscopic techniques; emphasis on statistical analysis of data and technical writing.

### Undergraduate Level Prerequisite(s):
Either CHEM 117 or CHEM 105 or CHEM 106

### Graduate Level Prerequisite(s):
n/a

### Is the Course Repeatable for Credit?
☑ Yes ☐ No  Maximum total credits if repeatable:

### Grading Basis:
☒ Graded ☐ Pass/Fail

---

### What effect will this course have on related curricula in other departments/units? (Responses from affected departments/units should be attached to this proposal.)
None. This is response to Chemistry no longer offering CHEM 117 and students with AP Chemistry testing out of Chem 105 and going right to Chem 106.

### When will the course typically be offered? (check all that apply – undergraduate courses only)
☐ Fall ☑ Spring ☐ Summer ☐ Winterim ☐ As Needed ☐ Occasionally ☐ Even Years ☐ Odd Years

### Course Components (check all that apply):
☒ Lecture ☒ Lab ☐ Discussion ☐ Field Studies ☐ Independent Study
☐ Seminar ☐ Test ☐ Research

### Possible Campus Location:
☒ Main Campus ☐ Marshfield Branch ☐ Wausau Branch

### Undergraduate enrollment expected: 30  Graduate enrollment expected:

### Rationale and need for this course (including any assessment evidence):
Part of Paper Science and Engineering curriculum

### In which of the following formats will this course potentially be offered? (check all that apply)
☒ In-Person/Face-to-Face (no reduced seat time) ☐ Partially Online (some reduced seat time) ☐ Fully Online
☐ Point-to-Point (distance ed.)

### Describe additional or reallocated resources required for this course (e.g., staff, library materials, equipment, facilities, computing resources):
None needed

### What specific degree(s) does this course support?
Paper Science and Engineering

---

### Department/unit vote of faculty:
If applicable, in the affirming vote recorded below, the department attests that it has reviewed the Guide for Approval or Revision of Courses with Online Components Checklist, that all criteria outlined are met, and that the required instructor training will be completed prior to the start of the course.

| Approve: 3 | Opposed: 0 | Abstain: 0 | Date of vote: 8/26/2021 |

---

### Graduate Courses
Complete this section ONLY if the course is being offered at the graduate level or if it will have a graduate component.

Slash courses (300/500-level or 400/600-level) require a notation in the course description to note the availability of undergraduate/graduate credit (e.g., “available for graduate credit as xxx.”). Slash course proposals approved by the Curriculum Committee are forwarded to the Graduate Council for consideration.

If adding or revising a slash course, what will be expected of graduate students beyond the regular undergraduate course requirements?

Are the faculty members who will teach this course currently members of the Graduate Faculty? (Faculty teaching graduate level courses must be approved by Graduate Council for Graduate Faculty status.)
**Department/unit vote of Graduate faculty:**

<table>
<thead>
<tr>
<th>Approve</th>
<th>Opposed</th>
<th>Abstain</th>
<th>Date of vote</th>
</tr>
</thead>
</table>

When department votes are completed, submit the electronic version to the college dean for recommendation.

### Signatures and Processing

**Recommendation of College Dean**

- **Approve** ☐
- **Disapprove** ☐

**Date of signature:** 10/20/2021

**(Dean's Signature)**

**Comments of College Dean, if any, are entered below or attached**

---

**Curriculum Committee vote regarding undergraduate component:**

<table>
<thead>
<tr>
<th>Approve</th>
<th>Opposed</th>
<th>Abstain</th>
<th>Date of Vote</th>
</tr>
</thead>
</table>

**Graduate Council vote regarding component:**

<table>
<thead>
<tr>
<th>Approve</th>
<th>Opposed</th>
<th>Abstain</th>
<th>Date of Vote</th>
</tr>
</thead>
</table>
Request for Undergraduate and/or Graduate COURSES

☐ New
☒ Revise – including: ☐ Renumber* ☐ Re-Prefix* ☐ Delete*

*For Renumber, Re-prefix, and/or Delete proposals, the proposing department, unit, or office must complete the following actions (check all boxes when done) prior to submitting the proposal to the Curriculum Committee and/or Graduate Council.

The correspondence received from the Catalog Editor and subsequent notifications to all affected departments, units, and/or offices must accompany the Curriculum Committee and/or Graduate Council proposal.

☐ The initial notification of a course being proposed for renumbering and/or re-prefixing should be forwarded to the Catalog Editor, who will search the catalog for all references of the course (as applicable) and all departments and offices affected.

☐ The Catalog Editor will provide a listing of all catalog references and affected departments to the chair of the proposing department or director of the proposing office and the Common Council Office.

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Get existing course information from the Future Catalog at http://catalog.uwsp.edu/. (Click on the icon, and copy and paste desired text from this print-friendly page to remove all Acalog formatting.)

If you have any questions, please email curriculum.committee@uwsp.edu

| Desired Effective Term: | Fall 2022 |

EXISTING Information for REVISIONS or DELETIONS

<table>
<thead>
<tr>
<th>Course Prefix &amp; Number (e.g. ENGL 101):</th>
<th>PSEN 215</th>
<th>Credits:</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Title (100 characters max.):</td>
<td>Introduction to Process Engineering Calculations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course Description:</td>
<td>Basic principles and techniques of engineering problem formulation and solution; material and energy balances, including chemical reactions and studies of advanced systems; thermodynamic properties and engineering data information management; introduction to computer modeling and simulation; applications to process engineering.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergraduate Level Prerequisite(s):</td>
<td>MATH 225 and either CHEM 106 or CHEM 117</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Level Prerequisite(s):</td>
<td>n/a</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Is the Course Repeatable for Credit?</td>
<td>☒ Yes ☐ No</td>
<td>Maximum total credits if repeatable:</td>
<td></td>
</tr>
<tr>
<td>Grading Basis:</td>
<td>☒ Graded ☐ Pass/Fail</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NEW or REVISED Course Information

<table>
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<td>Course Title (100 characters max.):</td>
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<td></td>
</tr>
<tr>
<td>Abbreviated Course Title for Transcript (30 characters max.) if needed:</td>
<td>Introduction to Process Engineering</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Course Description:**
Basic principles and techniques of engineering problem formulation and solution; material and energy balances, including chemical reactions and studies of advanced systems; thermodynamic properties and engineering data information management; introduction to computer modeling and simulation; applications to process engineering.

<table>
<thead>
<tr>
<th>Undergraduate Level Prerequisite(s):</th>
<th>MATH 225 and either CHEM 106 or CHEM 117</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate Level Prerequisite(s):</td>
<td>n/a</td>
</tr>
<tr>
<td>Is the Course Repeatable for Credit?</td>
<td>☐ Yes ☒ No</td>
</tr>
<tr>
<td>Maximum total credits if repeatable:</td>
<td></td>
</tr>
<tr>
<td>Grading Basis:</td>
<td>☒ Graded ☐ Pass/Fail</td>
</tr>
</tbody>
</table>

**What effect will this course have on related curricula in other departments/units?**
(Responses from affected departments/units should be attached to this proposal.)

None. This is in response to Chemistry no longer offering CHEM 117.

**When will the course typically be offered?**
(please check all that apply – undergraduate courses only)

- ☒ Fall
- ☐ Spring
- ☐ Summer
- ☐ Winterim
- ☐ As Needed
- ☐ Occasionally
- ☐ Even Years
- ☐ Odd Years

**Course Components**
(check all that apply):
- ☒ Lecture
- ☐ Lab
- ☐ Discussion
- ☐ Field Studies
- ☐ Independent Study
- ☐ Seminar
- ☐ Test
- ☐ Research

<table>
<thead>
<tr>
<th>Possible Campus Location:</th>
</tr>
</thead>
<tbody>
<tr>
<td>☒ Main Campus</td>
</tr>
<tr>
<td>☐ Marshfield Branch</td>
</tr>
<tr>
<td>☐ Wausau Branch</td>
</tr>
</tbody>
</table>

**Undergraduate enrollment expected:**
30

**Graduate enrollment expected:**

**Rationale and need for this course**
(including any assessment evidence):
Required for Paper Science and Engineering and Chemical Engineering curricula.

**In which of the following formats will this course potentially be offered?**
(check all that apply)

- ☒ In-Person/Face-to-Face (no reduced seat time)
- ☐ Partially Online (some reduced seat time)
- ☐ Fully Online
- ☐ Point-to-Point (distance ed.)

**Describe additional or reallocated resources required for this course**
(e.g., staff, library materials, equipment, facilities, computing resources):

None needed

**What specific degree(s) does this course support?**

- Paper Science and Engineering, Chemical Engineering

**Department/unit vote of faculty:**
If applicable, in the affirming vote recorded below, the department attests that it has reviewed the Guide for Approval or Revision of Courses with Online Components Checklist, that all criteria outlined are met, and that the required instructor training will be completed prior to the start of the course.

| Approve: | 3 | Opposed: | 0 | Abstain: | 0 | Date of vote: | 8/26/2021 |

**Graduate Courses**
Complete this section ONLY if the course is being offered at the graduate level or if it will have a graduate component.

Slash courses (300/500-level or 400/600-level) require a notation in the course description to note the availability of undergraduate/graduate credit (e.g., “available for graduate credit as xxx.”). Slash course proposals approved by the Curriculum Committee are forwarded to the Graduate Council for consideration.

**If adding or revising a slash course, what will be expected of graduate students beyond the regular undergraduate course requirements?**

**Are the faculty members who will teach this course currently members of the Graduate Faculty?**
(Faculty teaching graduate level courses must be approved by Graduate Council for Graduate Faculty status.)
### Department/unit vote of Graduate faculty:

<table>
<thead>
<tr>
<th>Approve</th>
<th>Opposed</th>
<th>Abstain</th>
<th>Date of vote</th>
</tr>
</thead>
</table>

When department votes are completed, submit the electronic version to the college dean for recommendation.

### Signatures and Processing

#### Recommendation of College Dean

<table>
<thead>
<tr>
<th>Approve</th>
<th>Disapprove</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ X</td>
<td>☐</td>
<td>Brenda Lackey</td>
</tr>
</tbody>
</table>

Date of signature: 10/20/2021  
(Dean’s Signature)

Comments of College Dean, if any, are entered below or attached

---

#### Curriculum Committee vote regarding undergraduate component:

<table>
<thead>
<tr>
<th>Approve</th>
<th>Opposed</th>
<th>Abstain</th>
<th>Date of Vote</th>
</tr>
</thead>
</table>

#### Graduate Council vote regarding component:

<table>
<thead>
<tr>
<th>Approve</th>
<th>Opposed</th>
<th>Abstain</th>
<th>Date of Vote</th>
</tr>
</thead>
</table>
Request for Undergraduate and/or Graduate COURSES

☐ New
☒ Revise – including: ☐ Renumber* ☐ Re-Prefix *
☐ Delete*

*For Renumber, Re-prefix, and/or Delete proposals, the proposing department, unit, or office must complete the following actions (check all boxes when done) prior to submitting the proposal to the Curriculum Committee and/or Graduate Council.

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If you have any questions, please email curriculum.committee@uwsp.edu

| Desired Effective Term: | Fall 2022 |

### EXISTING Information for REVISIONS or DELETIONS

<table>
<thead>
<tr>
<th>Course Prefix &amp; Number (e.g. ENGL 101):</th>
<th>PSEN 300</th>
<th>Credits:</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Title (100 characters max.):</td>
<td>Mill Internship</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course Description:</td>
<td>Chemical Engineering and/or Paper Science and Engineering majors work full-time for at least ten weeks in an industrial facility with emphasis on manufacturing assignments; documentation of work experience required.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergraduate Level Prerequisite(s):</td>
<td>PSEN 215 and Department Consent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Level Prerequisite(s):</td>
<td>n/a</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Is the Course Repeatable for Credit?</td>
<td>☐ Yes ☒ No</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum total credits if repeatable:</td>
<td>Maximum total credits if repeatable:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grading Basis:</td>
<td>☒ Graded ☐ Pass/Fail</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Existent course information should be revised using underline for new text and strike out for text to be deleted.

### NEW or REVISED Course Information

<table>
<thead>
<tr>
<th>Course Prefix &amp; Number (e.g. ENGL 101)</th>
<th>PSEN 300</th>
<th>Credits:</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>All new subject prefixes must be approved by the Registrar's Office before submitting proposals.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course Title (100 characters max.):</td>
<td>Mill Internship</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Abbreviated Course Title for Transcript (30 characters max. if needed):</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>
Course Description: Chemical Engineering and/or Paper Science and Engineering majors work full-time for at least ten weeks in an industrial facility with emphasis on manufacturing assignments; documentation of work experience required.

Undergraduate Level Prerequisite(s): PSEN 215 and Department Consent

Graduate Level Prerequisite(s): n/a

Is the Course Repeatable for Credit? ☒ Yes ☐ No  Maximum total credits if repeatable:

Grading Basis: ☒ Graded ☐ Pass/Fail

What effect will this course have on related curricula in other departments/units? (Responses from affected departments/units should be attached to this proposal.)

None.

When will the course typically be offered? (check all that apply – undergraduate courses only)

☒ Fall  ☒ Spring  ☐ Summer  ☐ Winterim  ☐ As Needed  ☐ Occasionally  ☐ Even Years  ☐ Odd Years

Course Components (check all that apply):

☒ Lecture  ☐ Lab  ☐ Discussion  ☐ Field Studies  ☐ Independent Study
☐ Seminar  ☐ Test  ☐ Research

Possible Campus Location:

☒ Main Campus  ☐ Marshfield Branch  ☐ Wausau Branch

Undergraduate enrollment expected: 20  Graduate enrollment expected:

Rationale and need for this course (including any assessment evidence):

Part of Paper Science and Engineering curriculum

In which of the following formats will this course potentially be offered? (check all that apply)

☒ In-Person/Face-to-Face (no reduced seat time)  ☐ Partially Online (some reduced seat time)  ☐ Fully Online
☐ Point-to-Point (distance ed.)

Describe additional or reallocated resources required for this course (e.g., staff, library materials, equipment, facilities, computing resources):

None needed

What specific degree(s) does this course support?

Paper Science and Engineering

Department/unit vote of faculty:

/If applicable, in the affirming vote recorded below, the department attests that it has reviewed the Guide for Approval or Revision of Courses with Online Components Checklist, that all criteria outlined are met, and that the required instructor training will be completed prior to the start of the course.

Approve: 3  Opposed: 0  Abstain: 0  Date of vote: 8/26/2021

Graduate Courses

Complete this section ONLY if the course is being offered at the graduate level or if it will have a graduate component.

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<tr>
<td>Approve:</td>
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</table>

Signatures and Processing

Recommendation of College Dean

<table>
<thead>
<tr>
<th>Approve</th>
<th>Disapprove</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ X</td>
<td>□</td>
</tr>
</tbody>
</table>

Date of signature: 10/20/2021  (Dean’s Signature)

Comments of College Dean, if any, are entered below or attached

Curriculum Committee vote regarding undergraduate component:

| Approve: | Opposed: | Abstain: | Date of Vote: |

Graduate Council vote regarding component:

| Approve: | Opposed: | Abstain: | Date of Vote: |
Request for Undergraduate and/or Graduate COURSES

☐ New
☒ Revise – including: ☐ Renumber* ☐ Re-Prefix*
☐ Delete*

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Desired Effective Term: Fall 2022

<table>
<thead>
<tr>
<th>EXISTING Information for REVISIONS or DELETIONS</th>
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</thead>
<tbody>
<tr>
<td>Course Prefix &amp; Number (e.g. ENGL 101): PSEN 316</td>
</tr>
<tr>
<td>Course Title (100 characters max.): Engineering Economics and Project Management</td>
</tr>
<tr>
<td>Course Description: Interest and economic equivalence; methods for capital and operating cost estimation; depreciation and after-tax economic analysis; methods for comparing project and investment alternatives; project evaluation and justification. Basic project management skills; project documentation; risk management; work breakdown structure and scheduling.</td>
</tr>
<tr>
<td>Undergraduate Level Prerequisite(s): ECON 110</td>
</tr>
<tr>
<td>Graduate Level Prerequisite(s): n/a</td>
</tr>
<tr>
<td>Is the Course Repeatable for Credit? ☐ Yes ☒ No</td>
</tr>
<tr>
<td>Grading Basis: ☒ Graded ☐ Pass/Fail</td>
</tr>
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 Existing course information should be revised using underline for new text and strike out for text to be deleted.

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<tr>
<td>Abbreviated Course Title for Transcript (30 characters max.) If needed: Engineering Economics and Project Mgt.</td>
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</table>
**Course Description:** Interest and economic equivalence; methods for capital and operating cost estimation; depreciation and after-tax economic analysis; methods for comparing project and investment alternatives; project evaluation and justification. Basic project management skills; project documentation; risk management; work breakdown structure and scheduling.

**Undergraduate Level Prerequisite(s):** ECON 110

**Graduate Level Prerequisite(s):** n/a

**Is the Course Repeatable for Credit?** [ ] Yes ☒ No

**Maximum total credits if repeatable:**

**Grading Basis:** ☒ Graded [ ] Pass/Fail

---

**What effect will this course have on related curricula in other departments/units?**

(Responses from affected departments/units should be attached to this proposal.)

None.

**When will the course typically be offered?**

(Other check all that apply – undergraduate courses only)

[ ] Fall ☒ Spring [ ] Summer [ ] Winterim [ ] As Needed [ ] Occasionally ☒ Even Years [ ] Odd Years

**Course Components**

(check all that apply):

[ ] Lecture [ ] Lab [ ] Discussion [ ] Field Studies [ ] Independent Study

[ ] Seminar [ ] Test [ ] Research

**Possible Campus Location:**

[ ] Main Campus [ ] Marshfield Branch [ ] Wausau Branch

**Undergraduate enrollment expected:** 30

**Graduate enrollment expected:**

---

**Rationale and need for this course**

(including any assessment evidence):

Required for Paper Science and Engineering and Chemical Engineering curricula

**In which of the following formats will this course potentially be offered?**

(check all that apply)

[ ] In-Person/Face-to-Face (no reduced seat time) [ ] Partially Online (some reduced seat time) [ ] Fully Online

[ ] Point-to-Point (distance ed.)

**Describe additional or reallocated resources required for this course**

(e.g., staff, library materials, equipment, facilities, computing resources):

None needed

**What specific degree(s) does this course support?**

Paper Science and Engineering & Chemical Engineering

---

**Department/unit vote of faculty:**

If applicable, in the affirming vote recorded below, the department attests that it has reviewed the Guide for Approval or Revision of Courses with Online Components Checklist, that all criteria outlined are met, and that the required instructor training will be completed prior to the start of the course.

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<tbody>
<tr>
<td>3</td>
<td>0</td>
<td>0</td>
<td>8/26/2021</td>
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**Graduate Courses**

Complete this section ONLY if the course is being offered at the graduate level or if it will have a graduate component.

Slash courses (300/500-level or 400/600-level) require a notation in the course description to note the availability of undergraduate/graduate credit (e.g., “available for graduate credit as xxx.”). Slash course proposals approved by the Curriculum Committee are forwarded to the Graduate Council for consideration.

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**If adding or revising a slash course, what will be expected of graduate students beyond the regular undergraduate course requirements?**

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**Are the faculty members who will teach this course currently members of the Graduate Faculty?**

(Faculty teaching graduate level courses must be approved by Graduate Council for Graduate Faculty status.)
Department/unit vote of Graduate faculty:

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### Signatures and Processing

#### Recommendation of College Dean

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Date of signature: 10/20/2021

(Dean’s Signature)

Comments of College Dean, if any, are entered below or attached

### Curriculum Committee vote regarding undergraduate component:

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<th>Date of Vote:</th>
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### Graduate Council vote regarding component:

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<th>Date of Vote:</th>
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Request for Undergraduate and/or Graduate COURSES

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Desired Effective Term: Fall 2022

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<td>Course Prefix &amp; Number (e.g. ENGL 101):</td>
</tr>
<tr>
<td>PSEN 350</td>
</tr>
<tr>
<td>Credits: 4</td>
</tr>
<tr>
<td>Course Title (100 characters max.):</td>
</tr>
<tr>
<td>Wood and Pulping Technology</td>
</tr>
<tr>
<td>Course Description:</td>
</tr>
<tr>
<td>Cellulose, hemicelluloses, lignin, wood extractives, wood and fiber microstructure; commercial pulping and bleaching processes. Effective use of technical literature, technical writing, and presentation of information. Field trips to commercial operations.</td>
</tr>
<tr>
<td>Undergraduate Level Prerequisite(s):</td>
</tr>
<tr>
<td>Both PSEN 215 and CHEM 326</td>
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<td>Graduate Level Prerequisite(s):</td>
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<tr>
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<tr>
<td>Is the Course Repeatable for Credit?:</td>
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<tr>
<td>☐ Yes ☒ No</td>
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<tr>
<td>Maximum total credits if repeatable:</td>
</tr>
<tr>
<td>☒ Yes ☐ No</td>
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<td>Grading Basis:</td>
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NEW or REVISED Course Information

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**Course Description:** Cellulose, hemicelluloses, lignin, wood extractives, wood and fiber microstructure; commercial pulping and bleaching processes. Effective use of technical literature, technical writing, and presentation of information. Field trips to commercial operations.

| Undergraduate Level Prerequisite(s): | Both PSEN 215 and CHEM 326-CHEM 325 |
| Graduate Level Prerequisite(s): | n/a |
| Is the Course Repeatable for Credit? | ☐ Yes ☒ No | Maximum total credits if repeatable: |
| Grading Basis: | ☒ Graded ☐ Pass/Fail |

**What effect will this course have on related curricula in other departments/units?**
(Responses from affected departments/units should be attached to this proposal.)

None.

**When will the course typically be offered?** (check all that apply – undergraduate courses only)
☒ Fall ☐ Spring ☐ Summer ☐ Winterim ☐ As Needed ☐ Occasionally ☐ Even Years ☐ Odd Years

**Course Components**
(check all that apply):
☒ Lecture ☐ Lab ☐ Discussion ☐ Field Studies ☐ Independent Study
☐ Seminar ☐ Test ☐ Research

**Possible Campus Location:**
☒ Main Campus ☐ Marshfield Branch ☐ Wausau Branch

**Undergraduate enrollment expected:** 30  
**Graduate enrollment expected:**

**Rationale and need for this course** (including any assessment evidence):
Part of Paper Science and Engineering & Chemical Engineering curriculum

**In which of the following formats will this course potentially be offered?** (check all that apply)
☒ In-Person/Face-to-Face (no reduced seat time) ☐ Partially Online (some reduced seat time) ☐ Fully Online
☐ Point-to-Point (distance ed.)

**Describe additional or reallocated resources required for this course** (e.g., staff, library materials, equipment, facilities, computing resources):
None needed

**What specific degree(s) does this course support?**
Paper Science and Engineering & Chemical Engineering

---

**Department/unit vote of faculty:**
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| Approve: | 3 | Opposed: | 0 | Abstain: | 0 | Date of vote: | 8/26/2021 |

---

**Graduate Courses**
Complete this section ONLY if the course is being offered at the graduate level or if it will have a graduate component.

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(Dean’s Signature)

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Request for Undergraduate and/or Graduate COURSES

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**Desired Effective Term:** Spring 2022

### EXISTING Information for REVISIONS or DELETIONS

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<th>PSEN 385</th>
<th>Credits:</th>
<th>3</th>
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<tbody>
<tr>
<td>Course Title (100 characters max.):</td>
<td>Systems Engineering and Simulation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course Description:</td>
<td>Modeling and simulation of chemical engineering processes; computer systems analysis; commercially available simulation hardware and software; model building for engineering systems; industrial case studies and economic systems optimization.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergraduate Level Prerequisite(s):</td>
<td>PSEN 215</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Level Prerequisite(s):</td>
<td>n/a</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Is the Course Repeatable for Credit?</td>
<td>☐ Yes ☒ No</td>
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### NEW or REVISED Course Information

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Course Description: Modeling and simulation of chemical engineering processes; computer systems analysis; commercially available simulation hardware and software; model building for engineering systems; industrial case studies and economic systems optimization.

Undergraduate Level Prerequisite(s): PSEN 215, PSEN 350
Graduate Level Prerequisite(s): n/a

Is the Course Repeatable for Credit? ☒ Yes ☐ No
Maximum total credits if repeatable: 
Grading Basis: ☒ Graded ☐ Pass/Fail

What effect will this course have on related curricula in other departments/units?
(Responses from affected departments/units should be attached to this proposal.)
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When will the course typically be offered? (check all that apply – undergraduate courses only)
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Course Components (check all that apply):
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☐ Seminar ☐ Test ☐ Research

Possible Campus Location:
☒ Main Campus ☐ Marshfield Branch ☐ Wausau Branch

Undergraduate enrollment expected: 30
Graduate enrollment expected: 1

Rationale and need for this course (including any assessment evidence):
Part of Paper Science and Engineering & Chemical Engineering curriculum

In which of the following formats will this course potentially be offered? (check all that apply)
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Describe additional or reallocated resources required for this course (e.g., staff, library materials, equipment, facilities, computing resources):
None.

What specific degree(s) does this course support?
Paper Science and Engineering & Chemical Engineering

Department/unit vote of faculty:
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Desired Effective Term: Spring 2022

EXISTING Information for REVISIONS or DELETIONS

| Course Prefix & Number (e.g. ENGL 101): | PSEN 410 |
| Course Title (100 characters max.): | Leadership Practicum |
| Course Description: | Develop leadership and supervisory skills; instruction in laboratory safety. |
| Undergraduate Level Prerequisite(s): | Senior Standing |
| Graduate Level Prerequisite(s): | n/a |
| Is the Course Repeatable for Credit? | ☐ Yes ☒ No |
| Maximum total credits if repeatable: | |
| Grading Basis: | ☒ Graded ☐ Pass/Fail |

NEW or REVISED Course Information

| Course Prefix & Number (e.g. ENGL 101) | |
| All new subject prefixes must be approved by the Registrar’s Office before submitting proposals. |
| Engineering Economics and Project Management |
| Abbreviated Course Title for Transcript (30 characters max.) if needed: | |
### Course Description:

<table>
<thead>
<tr>
<th>Undergraduate Level Prerequisite(s):</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate Level Prerequisite(s):</td>
<td></td>
</tr>
<tr>
<td>Is the Course Repeatable for Credit?</td>
<td>☐ Yes ☐ No</td>
</tr>
<tr>
<td>Grading Basis:</td>
<td>☐ Graded ☐ Pass/Fail</td>
</tr>
</tbody>
</table>

### What effect will this course have on related curricula in other departments/units?

(Responses from affected departments/units should be attached to this proposal.)

None.

### When will the course typically be offered?

(check all that apply – undergraduate courses only) NO longer being offered

- ☐ Fall  ☐ Spring  ☐ Summer  ☐ Winterim  ☐ As Needed  ☐ Occasionally  ☐ Even Years  ☐ Odd Years

### Course Components

(check all that apply):

- ☒ Lecture
- ☐ Lab
- ☐ Discussion
- ☒ Field Studies
- ☐ Independent Study
- ☐ Seminar
- ☐ Test
- ☐ Research

### Possible Campus Location:

- ☒ Main Campus
- ☐ Marshfield Branch
- ☐ Wausau Branch

### Rationale and need for this course

(including any assessment evidence):

No longer a required course for the Paper Science and Engineering or Chemical Engineering majors

### In which of the following formats will this course potentially be offered?

(check all that apply)

- ☒ In-Person/Face-to-Face (no reduced seat time)
- ☐ Partially Online (some reduced seat time)
- ☐ Fully Online
- ☐ Point-to-Point (distance ed.)

### Describe additional or reallocated resources required for this course

(e.g., staff, library materials, equipment, facilities, computing resources):

None.

### What specific degree(s) does this course support?

Paper Science and Engineering & Chemical Engineering

---

### Department/unit vote of faculty:

If applicable, in the affirming vote recorded below, the department attests that it has reviewed the Guide for Approval or Revision of Courses with Online Components Checklist, that all criteria outlined are met, and that the required instructor training will be completed prior to the start of the course.

- Approve: 3  
- Opposed: 0  
- Abstain: 0  
- Date of vote: 8/26/2021

### Graduate Courses

Complete this section ONLY if the course is being offered at the graduate level or if it will have a graduate component.

Slash courses (300/500-level or 400/600-level) require a notation in the course description to note the availability of undergraduate/graduate credit (e.g., “available for graduate credit as xxx.”). Slash course proposals approved by the Curriculum Committee are forwarded to the Graduate Council for consideration.

If adding or revising a slash course, what will be expected of graduate students beyond the regular undergraduate course requirements?

Are the faculty members who will teach this course currently members of the Graduate Faculty?

(Faculty teaching graduate level courses must be approved by Graduate Council for Graduate Faculty status.)
### Department/unit vote of Graduate faculty:

| Approve: | 3 | Opposed: | 0 | Abstain: | 0 | Date of vote: | 8/26/21 |

When department votes are completed, submit the electronic version to the college dean for recommendation.

### Signatures and Processing

#### Recommendation of College Dean

| Approve | ☐ | X | Disapprove | ☐ |

Date of signature: 10/20/2021

(Dean’s Signature)

Comments of College Dean, if any, are entered below or attached

#### Curriculum Committee vote regarding undergraduate component:

| Approve: |  | Opposed: |  | Abstain: |  | Date of Vote: | |

#### Graduate Council vote regarding component:

| Approve: |  | Opposed: |  | Abstain: |  | Date of Vote: | |
Hi Karyn,

I searched the catalog for other references to PSEN 410 and did not find any other references.

Please include this email with the proposal to delete PSEN 410.

Libby

Libby Raymond ’94
Publications Editor (Catalog Editor)
Academic Affairs Office
Rm 202 Old Main
UW-Stevens Point
Stevens Point, WI 54481
lraymond@uwsp.edu
715-346-3880

“Don’t you let regret take place of the dreams you have to chase”
-Zac Brown

I work on the lands originally occupied by the HoChunk and Menominee people.

---

Hi Brenda and Karyn,

Attached please find feedback on these proposals from Libby, Jonelle, and me.
Karyn, for deletion (and renaming and re-prefixing) proposals, CuC requires catalog research and relevant communication. I’m copying Libby in this email so if you haven’t contacted her regarding the deletion of PSEN 410, she can go ahead and do that.

Let me know if you have any questions. Please update these proposals and resubmit for inclusion on the next available CuC agenda.

Thanks,

Yan Liao
Chair, University Curriculum Committee
Professor, University Libraries
012D ALB
(715) 346-3614

---

From: Lackey, Brenda <blackey@uwsp.edu>
Sent: Wednesday, October 20, 2021 9:17 AM
To: Curriculum Committee <Curriculum.Committee@uwsp.edu>
Cc: Academic and Career Advising Center <acac@uwsp.edu>; Anderson McIntyre, Laura <landerso@uwsp.edu>
Subject: CNR Curriculum Proposals for CuC

Good morning Yan,

The CNR is submitting a series of curriculum change proposals for consideration by the Curriculum Committee. Please see the folder attached.

[CNR Curriculum Proposals (October 2021)]

I hope you are doing well.

Brenda

Brenda Lackey, Ph.D. (she/her/hers)
Associate Dean for Academic Affairs
Professor of Interpretation
Certified Interpretive Trainer
College of Natural Resources, Room 100
800 Reserve Street
University of Wisconsin-Stevens Point
brenda.lackey@uwsp.edu
Phone: 715-346-2076 Fax: 715-346-3624
Request for Undergraduate and/or Graduate COURSES

☐ New
☒ Revise – including: ☐ Renumber* ☐ Re-Prefix*
☐ Delete*

*For Renumber, Re-prefix, and/or Delete proposals, the proposing department, unit, or office must complete the following actions (check all boxes when done) prior to submitting the proposal to the Curriculum Committee and/or Graduate Council.

The correspondence received from the Catalog Editor and subsequent notifications to all affected departments, units, and/or offices must accompany the Curriculum Committee and/or Graduate Council proposal.

☐ The initial notification of a course being proposed for renumbering and/or re-prefixing should be forwarded to the Catalog Editor, who will search the catalog for all references of the course (as applicable) and all departments and offices affected.

☐ The Catalog Editor will provide a listing of all catalog references and affected departments to the chair of the proposing department or director of the proposing office and the Common Council Office.

☐ The proposing department, unit, or office will provide an email to chairs of all affected departments/units and/or directors of all affected offices. The email will provide notification of the proposed renumbering and/or re-prefixing, how it affects their department/unit, and a reminder to update “in-house” documentation to reflect the change(s). The chairs of affected departments and/or directors of affected offices will be given a timeframe for responding to the proposed renumbering/re-prefixing; responses need to be submitted within the established timeframe. Pending no negative responses, the proposal for renumbering and/or re-prefixing may move forth to Curriculum Committee and/or Graduate Council.

Get existing course information from the Future Catalog at http://catalog.uwsp.edu/. (Click on the icon, and copy and paste desired text from this print-friendly page to remove all Acalog formatting.)

If you have any questions, please email curriculum.committee@uwsp.edu

Desired Effective Term: Spring 2022

<table>
<thead>
<tr>
<th>EXISTING Information for REVISIONS or DELETIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course Prefix &amp; Number</strong> (e.g. ENGL 101):</td>
</tr>
<tr>
<td><strong>Credits:</strong></td>
</tr>
<tr>
<td><strong>Course Title</strong> (100 characters max.):</td>
</tr>
<tr>
<td><strong>Course Description:</strong></td>
</tr>
<tr>
<td><strong>Undergraduate Level Prerequisite(s):</strong></td>
</tr>
<tr>
<td><strong>Graduate Level Prerequisite(s):</strong></td>
</tr>
<tr>
<td><strong>Is the Course Repeatable for Credit?</strong></td>
</tr>
<tr>
<td><strong>Maximum total credits if repeatable:</strong></td>
</tr>
<tr>
<td><strong>Grading Basis:</strong></td>
</tr>
</tbody>
</table>

NEW or REVISED Course Information

<table>
<thead>
<tr>
<th>Course Prefix &amp; Number (e.g. ENGL 101)</th>
<th>PSEN 489</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Credits:</strong></td>
<td>3</td>
</tr>
<tr>
<td>All new subject prefixes must be approved by the Registrar’s Office before submitting proposals.</td>
<td></td>
</tr>
<tr>
<td>Engineering Economics and Project Management</td>
<td></td>
</tr>
<tr>
<td>Abbreviated Course Title for Transcript (30 characters max.) <em>if needed:</em></td>
<td></td>
</tr>
</tbody>
</table>

Industrial Environmental Management
**Course Description:** Regulations, economic, and technical aspects of industrial waste (air, water, solid, and hazardous) generation, alternative methods of treatment, and release of treated materials to the environment. May not earn credit in both PSEN 489 and WSTE 489.

**Undergraduate Level Prerequisite(s):** Math 225 and either CHEM 106 or CHEM 117

**Graduate Level Prerequisite(s):** n/a

**Is the Course Repeatable for Credit?** ☐ Yes ☒ No

**Maximum total credits if repeatable:**

**Grading Basis:** ☒ Graded ☐ Pass/Fail

---

**What effect will this course have on related curricula in other departments/units?**

None. This is response to Chemistry no longer offering CHEM 117.

**When will the course typically be offered?** (check all that apply – undergraduate courses only)

- ☐ Fall
- ☒ Spring
- ☐ Summer
- ☐ Winterim
- ☐ As Needed
- ☐ Occasionally
- ☐ Even Years
- ☐ Odd Years

**Course Components** (check all that apply):

- ☒ Lecture
- ☐ Lab
- ☐ Discussion
- ☐ Field Studies
- ☐ Independent Study
- ☐ Seminar
- ☐ Test
- ☐ Research

**Possible Campus Location:**

- ☒ Main Campus
- ☐ Marshfield Branch
- ☐ Wausau Branch

**Undergraduate enrollment expected:** 30

---

**Rationale and need for this course** (including any assessment evidence):

Part of Paper Science and Engineering & Chemical Engineering curriculum

---

**In which of the following formats will this course potentially be offered?** (check all that apply)

- ☒ In-Person/Face-to-Face (no reduced seat time)
- ☐ Partially Online (some reduced seat time)
- ☐ Fully Online
- ☐ Point-to-Point (distance ed.)

**Describe additional or reallocated resources required for this course** (e.g., staff, library materials, equipment, facilities, computing resources):

None.

**What specific degree(s) does this course support?**

Paper Science and Engineering & Chemical Engineering

---

**Department/unit vote of faculty:**

If applicable, in the affirming vote recorded below, the department attests that it has reviewed the [Guide for Approval or Revision of Courses with Online Components Checklist](#), that all criteria outlined are met, and that the required instructor training will be completed prior to the start of the course.

- Approve: 3
- Opposed: 0
- Abstain: 0
- Date of vote: 8/26/2021

---

**Graduate Courses**

Complete this section ONLY if the course is being offered at the graduate level or if it will have a graduate component.

Slash courses (300/500-level or 400/600-level) require a notation in the course description to note the availability of undergraduate/graduate credit (e.g., “available for graduate credit as xxx.”). Slash course proposals approved by the Curriculum Committee are forwarded to the Graduate Council for consideration.

**If adding or revising a slash course, what will be expected of graduate students beyond the regular undergraduate course requirements?**

**Are the faculty members who will teach this course currently members of the Graduate Faculty?**

(Faculty teaching graduate level courses must be approved by Graduate Council for Graduate Faculty status.)
**Department/unit vote of Graduate faculty:**

<table>
<thead>
<tr>
<th>Approve:</th>
<th>Opposed:</th>
<th>Abstain:</th>
<th>Date of vote:</th>
</tr>
</thead>
</table>

When department votes are completed, submit the electronic version to the college dean for recommendation.

**Signatures and Processing**

**Recommendation of College Dean**

<table>
<thead>
<tr>
<th>Approve □</th>
<th>X</th>
<th>Disapprove □</th>
</tr>
</thead>
</table>

Date of signature: 10/20/2021

(Dean’s Signature)

Comments of College Dean, if any, are entered below or attached

**Curriculum Committee vote regarding undergraduate component:**

<table>
<thead>
<tr>
<th>Approve:</th>
<th>Opposed:</th>
<th>Abstain:</th>
<th>Date of Vote:</th>
</tr>
</thead>
</table>

**Graduate Council vote regarding component:**

<table>
<thead>
<tr>
<th>Approve:</th>
<th>Opposed:</th>
<th>Abstain:</th>
<th>Date of Vote:</th>
</tr>
</thead>
</table>
Request for Undergraduate/Graduate PROGRAMS
and
Renaming of a Department, Unit, or Office

☐ New Major or Graduate Program* – Please note: new majors and graduate programs can only be considered by university shared governance after completion of the UW System new program process.

☐ New Option/Track/Emphasis of existing Major*

☐ New Minor/Certificate*

☒ Revise – including: ☐ Rename**

☐ Delete**

☐ Suspend Admission to program

☐ Revise Program-Level Academic Standards

☐ Rename of Department, Unit, Office**

*Proposals for all New Programs, including majors, minors, certificates, and graduate programs, need to also attach the program assessment plan.

**Required actions for Rename and Delete proposals prior to submission (please check all boxes to indicate completion):

☐ The initial notification of a Rename and/or Delete/Discontinue proposal should be forwarded to the Catalog Editor, who will search the catalog for all references (as applicable) and all departments and offices affected.

☐ The Catalog Editor will provide a listing of all catalog references and affected departments to the department chair of the proposing department or director of the proposing office and the Common Council Office.

☒ The proposing department, unit, or office will provide an email to chairs of all affected departments/units and/or directors of all affected offices. The email will provide notification of the proposed deletion, how it affects their department/unit, and a reminder to update “in-house” documentation to reflect the change(s). The chairs of affected departments and/or directors of affected offices will be given a timeframe for responding to the proposed deletion; responses need to be submitted within the established timeframe. Pending no negative responses, the proposal for deletion may move forth to Curriculum Committee and/or Graduate Council.

The above must be completed prior to the proposing department, unit, or office bringing request for deletion to the Curriculum Committee and/or Graduate Council. The correspondence received from the Catalog Editor and subsequent notifications to all affected departments, units, and/or offices must accompany the Curriculum Committee and/or Graduate Council proposal.

In addition to the chair of the Curriculum Committee and/or Graduate Council, the department is required to share the proposal with:

☒ the chair of each department whose courses are being added or removed from major, minor, certificate program and/or graduate program requirements,

☒ departments expected to have an interest in the proposal,

☒ Academic and Career Advising Center,

☐ the chair of General Education Committee, if there are changes to the Communication in the Major or Capstone Experience requirements.

The email correspondence notifying all affected departments/units must accompany the Curriculum Committee and/or Graduate Council proposal.

❖ Note: Proposals that are teacher certified must first be submitted to the Teacher Education Subcommittee for approval.

If you have any questions, please email curriculum.committee@uwsp.edu
Desired Effective Term:

- For Delete or Rename, only Name of Program is needed.

### EXISTING Information

<table>
<thead>
<tr>
<th>Name of Program:</th>
<th>Chemical Engineering, B.S.</th>
<th>Total credit count/range:</th>
<th>96-109</th>
</tr>
</thead>
</table>

**Provide the Complete Existing Catalog Description:**

This major is administered by the Department of [Paper Science and Chemical Engineering](#).

Consists of major, collateral requirements totaling 96-109 credits.

<table>
<thead>
<tr>
<th>Chemical engineering, 41 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSEN 215 - Introduction to Process Engineering Calculations 4 cr.</td>
</tr>
<tr>
<td>PSEN 216 - Engineering Statistical Design and Analysis 3 cr.</td>
</tr>
<tr>
<td>PSEN 316 - Engineering Economics and Project Management 3 cr.</td>
</tr>
<tr>
<td>PSEN 320 - Fluid Mechanics and Hydraulics 3 cr.</td>
</tr>
<tr>
<td>PSEN 326 - Heat Transfer Operations 3 cr.</td>
</tr>
<tr>
<td>PSEN 340 - Chemical Kinetics and Reactor Design, 3cr.</td>
</tr>
<tr>
<td>PSEN 350 - Wood and Pulping Technology 4 cr.</td>
</tr>
<tr>
<td>PSEN 385 - Systems Engineering and Simulation 3 cr.</td>
</tr>
<tr>
<td>PSEN 430 - Mass Transfer Operations 3 cr.</td>
</tr>
<tr>
<td>PSEN 440 - Industrial Thermodynamics 3 cr.</td>
</tr>
<tr>
<td>PSEN 460 - Process Dynamics and Control 3 cr.</td>
</tr>
<tr>
<td>PSEN 486 - Senior Design Project: Chemical Engineering 3 cr.</td>
</tr>
<tr>
<td>PSEN 489 - Industrial Environmental Management 3 cr. or WSTE 489 - Industrial Environmental Management 3 cr.</td>
</tr>
</tbody>
</table>

Elective credits, 6-14 credits

Take 6-14 elective credits (as needed to attain 120 total credits) from the following:

<table>
<thead>
<tr>
<th>PSEN 382 - Water and Wastewater Treatment 3 cr. or WATR 382 - Water and Wastewater Treatment 3 cr. or WSTE 382 - Water and Wastewater Treatment 3 cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSEN 365 - Colloid and Surface Phenomena 3 cr.</td>
</tr>
<tr>
<td>PSEN 420 - Air Pollution Control and Engineering 3 cr.</td>
</tr>
<tr>
<td>PSEN 450 - Renewable Fuels Production 3 cr.</td>
</tr>
<tr>
<td>PSEN 452 - Renewable Fuels Laboratory 3 cr.</td>
</tr>
<tr>
<td>PSEN 475 - Paper Machine Operations 3 cr.</td>
</tr>
<tr>
<td>WATR 389 - Hydrology 3 cr.</td>
</tr>
<tr>
<td>WSTE 380 - Solid Waste Management 3 cr.</td>
</tr>
<tr>
<td>WSTE 476 - Hazardous Waste Management 3 cr.</td>
</tr>
<tr>
<td>WSTE 481 - Wastewater Treatment II 2 cr.</td>
</tr>
<tr>
<td>WSTE 485 - Solid Waste Management II 2 cr.</td>
</tr>
</tbody>
</table>

Collateral courses, 49 or 54 credits

54 credit (49 credits if taking CHEM 117)

<table>
<thead>
<tr>
<th>CHEM 105 - Fundamental Chemistry 5 cr. * and CHEM 106 - Fundamental Chemistry 5 cr. * or CHEM 117 - General Chemistry Principles 5 cr. *</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 248 - Quantitative Analysis 4 cr. *</td>
</tr>
<tr>
<td>CHEM 325 - Organic Chemistry 4 cr. *</td>
</tr>
<tr>
<td>CHEM 326 - Organic Chemistry 4 cr. *</td>
</tr>
<tr>
<td>CHEM 335 - Physical Chemistry - Thermodynamics and Kinetics 4 cr. *</td>
</tr>
</tbody>
</table>
ECON 110 - Principles of Macroeconomics 3 cr.
MATH 225 - Calculus I 5 cr.
MATH 226 - Calculus II 5 cr.
MATH 227 - Calculus III 4 cr.
MATH 320 - Differential Equations 3 cr.
PHYS 240 - University Physics I 5 cr.
PHYS 250 - University Physics II 5 cr.
Note
* these courses satisfy the requirements for a Chemistry Minor

Communication in the Major
Satisfied by:
PSEN 350 - Wood and Pulping Technology 4 cr.
PSEN 486 - Senior Design Project: Chemical Engineering 3 cr.

Capstone Experience
Satisfied by:
PSEN 486 - Senior Design Project: Chemical Engineering 3 cr.

For Revisions, use underline for new text and strike out for text to be deleted. ❖
❖ New programs do not need underlines. ❖

<table>
<thead>
<tr>
<th>Name of Program:</th>
<th>Total credit count/range:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Engineering, B.S.</td>
<td>96-109-106-104</td>
</tr>
</tbody>
</table>

This major is administered by the Department of Paper Science and Chemical Engineering.

Consists of major, collateral requirements totaling 96-109-106-104 credits. (101 if taking CHEM 117).

Chemical engineering, 44-38 credits
PSEN 215 - Introduction to Process Engineering Calculations 4 cr.
PSEN 216 - Engineering Statistical Design and Analysis 3 cr.
PSEN 316 - Engineering Economics and Project Management 3 cr.
PSEN 320 - Fluid Mechanics and Hydraulics 3 cr.
PSEN 326 - Heat Transfer Operations 3 cr.
PSEN 340 – Chemical Kinetics and Reactor Design, 3cr.
PSEN 350 - Wood and Pulping Technology 4 cr.
PSEN 385 - Systems Engineering and Simulation 3 cr.
PSEN 430 - Mass Transfer Operations 3 cr.
PSEN 440 - Industrial Thermodynamics 3 cr.
PSEN 460 - Process Dynamics and Control 3 cr.
PSEN 486 - Senior Design Project: Chemical Engineering 3 cr.
PSEN 489 - Industrial Environmental Management 3 cr. or WSTE 489 - Industrial Environmental Management 3 cr.

Elective credits, 6-14 credits Take at least 6 credits from the following:
Take 6-14 elective credits (as needed to attain 120 total credits) from the following:

PSEN 382 - Water and Wastewater Treatment 3 cr. or
WATER 382 - Water and Wastewater Treatment 3 cr. or
WSTE 382 - Water and Wastewater Treatment 3 cr.
PSEN 365 - Colloid and Surface Phenomena 3 cr.
PSEN 420 - Air Pollution Control and Engineering 3 cr.
PSEN 450 - Renewable Fuels Production 3 cr.
PSEN 452 - Renewable Fuels Laboratory 3 cr.
PSEN 475 - Paper Machine Operations 3 cr.
WATR 389 - Hydrology 3 cr.
WSTE 380 - Solid Waste Management 3 cr.
WSTE 476 - Hazardous Waste Management 3 cr.
WSTE 481 - Wastewater Treatment II 2 cr.
WSTE 485 - Solid Waste Management II 2 cr.

Collateral courses, 49 or 54 60 credits
54 credit (49 credits if taking CHEM 117)

CHEM 105 - Fundamental Chemistry 5 cr. * and
CHEM 106 - Fundamental Chemistry 5 cr. *
or
CHEM 117 - General Chemistry Principles 5 cr. *

CHEM 248 - Quantitative Analysis 4 cr. *
CHEM 325 - Organic Chemistry 4 cr. *
CHEM 326 - Organic Chemistry 4 cr. *
CHEM 335 - Physical Chemistry - Thermodynamics and Kinetics 4 cr. *
ECON 110 - Principles of Macroeconomics 3 cr.
MATH 225 - Calculus I 5 cr.
MATH 226 - Calculus II 5 cr.
MATH 227 - Calculus III 4 cr.
MATH 255 – Elementary Statistical Methods 4 cr.
MATH 320 - Differential Equations 3 cr.
PHYS 240 - University Physics I 5 cr.
PHYS 250 - University Physics II 5 cr.

Note
* these courses satisfy the requirements for a Chemistry Minor

Communication in the Major
Satisfied by:
PSEN 350 - Wood and Pulping Technology 4 cr.
PSEN 486 - Senior Design Project: Chemical Engineering 3 cr.

Capstone Experience
Satisfied by:
PSEN 486 - Senior Design Project: Chemical Engineering 3 cr.

Provide a brief explanation of the need for this proposal and why it should be approved:
This will allow Engineering faculty the possibility to develop and teach elective courses. This will also allow students to receive credit for the statistics course in this major from AP Statistics exam.

Indicate the number of students enrolled in this program. Explain any expected changes in enrollment patterns.
25-30/year

Indicate if this proposal is likely to result in students taking longer to graduate. (If so, explain alternatives considered.)
No

Describe the adequacy of the following resources available to the program. If any additional resources are required to support your proposal, please describe these and indicate plans for obtaining them:

| Equipment | n/a |
Facilities: n/a
Library Materials: n/a
Staff: See attached email from Math Department

**Teacher Certified Programs only:** What effect will this proposal have on Department of Public Instruction (DPI) Certification and or/accreditation requirements? (If *any* effect, the proposal must first be considered/approved by the Teacher Education Subcommittee.)
<table>
<thead>
<tr>
<th>Department/unit vote of faculty (for multidisciplinary proposals: voting is only required from the coordinator(s)’s home department(s))</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approve: 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Department/unit vote of graduate faculty (for multidisciplinary proposals: voting is only required from the coordinator(s)’s home department(s))</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approve:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Recommendation of College Dean</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approve ☐ X Disapprove ☐</td>
</tr>
<tr>
<td>(Dean’s signature)</td>
</tr>
<tr>
<td>Comments of College Dean that address budget impact, staffing implications, and other resource related concerns (if any, entered below or attached):</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>New major and new graduate program approvals require approval of the Vice Chancellor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Include a statement of opinion from the Vice Chancellor if the proposed change requires the approval of UW System Administration.</td>
</tr>
<tr>
<td>Approve ☐ Disapprove ☐</td>
</tr>
<tr>
<td>(Vice Chancellor’s signature)</td>
</tr>
<tr>
<td>Comments of Vice Chancellor (if any, entered below or attached):</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Curriculum Committee vote</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approve:</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Graduate Council vote</th>
</tr>
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<tbody>
<tr>
<td>Approve:</td>
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</table>
Request for Undergraduate/Graduate PROGRAMS

and

Renaming of a Department, Unit, or Office

☐ New Major or Graduate Program* – Please note: new majors and graduate programs can only be considered by university shared governance after completion of the UW System new program process.

☐ New Option/Track/Emphasis of existing Major*

☐ New Minor/Certificate*

☒ Revise – including: ☐ Rename**

☐ Delete**

☐ Suspend Admission to program

☐ Revise Program-Level Academic Standards

☐ Rename of Department, Unit, Office**

*Proposals for all New Programs, including majors, minors, certificates, and graduate programs, need to also attach the program assessment plan.

**Required actions for Rename and Delete proposals prior to submission (please check all boxes to indicate completion):

☐ The initial notification of a Rename and/or Delete/Discontinue proposal should be forwarded to the Catalog Editor, who will search the catalog for all references (as applicable) and all departments and offices affected.

☐ The Catalog Editor will provide a listing of all catalog references and affected departments to the department chair of the proposing department or director of the proposing office and the Common Council Office.

☒ The proposing department, unit, or office will provide an email to chairs of all affected departments/units and/or directors of all affected offices. The email will provide notification of the proposed deletion, how it affects their department/unit, and a reminder to update “in-house” documentation to reflect the change(s). The chairs of affected departments and/or directors of affected offices will be given a timeframe for responding to the proposed deletion; responses need to be submitted within the established timeframe. Pending no negative responses, the proposal for deletion may move forth to Curriculum Committee and/or Graduate Council.

The above must be completed prior to the proposing department, unit, or office bringing request for deletion to the Curriculum Committee and/or Graduate Council. The correspondence received from the Catalog Editor and subsequent notifications to all affected departments, units, and/or offices must accompany the Curriculum Committee and/or Graduate Council proposal.

In addition to the chair of the Curriculum Committee and/or Graduate Council, the department is required to share the proposal with:

☒ the chair of each department whose courses are being added or removed from major, minor, certificate program and/or graduate program requirements,

☒ departments expected to have an interest in the proposal,

☒ Academic and Career Advising Center, and

☐ the chair of General Education Committee, if there are changes to the Communication in the Major or Capstone Experience requirements.

The email correspondence notifying all affected departments/units must accompany the Curriculum Committee and/or Graduate Council proposal.

❖ Note: Proposals that are teacher certified must first be submitted to the Teacher Education Subcommittee for approval.

If you have any questions, please email curriculum.committee@uwsp.edu
Desired Effective Term:

- For Delete or Rename, only Name of Program is needed.

<table>
<thead>
<tr>
<th>EXISTING Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Program:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Provide the Complete Existing Catalog Description:</th>
</tr>
</thead>
</table>
Satisfied by:
PSEN 350 - Wood and Pulping Technology 4 cr.
PSEN 484 - Senior Design Project: Paper Science and Engineering 3 cr.

Capstone Experience
Satisfied by:
PSEN 484 - Senior Design Project: Paper Science and Engineering 3 cr.

For Revisions, use underline for new text and strike out for text to be deleted. ❖
New programs do not need underlines. ❖

<table>
<thead>
<tr>
<th>Name of Program:</th>
<th>Total credit count/range:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper Science and Engineering, B.S.</td>
<td>101-106-109</td>
</tr>
</tbody>
</table>

This major is administered by the Department of Paper Science and Chemical Engineering.

Consists of major, collateral requirements totaling 106-109 credits (101 if taking CHEM 117).

Paper science and engineering, 54-48 credits
PSEN 115 - Pulp and Paper Laboratory Methods 3 cr.
PSEN 215 - Introduction to Process Engineering Calculations 4 cr.
PSEN 216 - Engineering Statistical Design and Analysis 3 cr.
PSEN 316 - Engineering Economics and Project Management 3 cr.
PSEN 320 - Fluid Mechanics and Hydraulics 3 cr.
PSEN 326 - Heat Transfer Operations 3 cr.
PSEN 350 - Wood and Pulping Technology 4 cr.
PSEN 355 - Paper and Fiber Physics 4 cr.
PSEN 365 - Colloid and Surface Phenomena 3 cr.
PSEN 385 - Systems Engineering and Simulation 3 cr.
PSEN 430 - Mass Transfer Operations 3 cr.
PSEN 440 - Industrial Thermodynamics 3 cr.
PSEN 460 - Process Dynamics and Control 3 cr.
PSEN 475 - Paper Machine Operations 3 cr.
PSEN 484 - Senior Design Project: Paper Science and Engineering 3 cr.
PSEN 489 - Industrial Environmental Management 3 cr. or WSTE 489 - Industrial Environmental Management 3 cr.

Mill internship, 1 credit
PSEN 300 - Mill Internship 1 cr.

Collateral courses, 54-60 credits
(49 credits if taking CHEM 117)
CHEM 105 - Fundamental Chemistry 5 cr. * and
CHEM 106 - Fundamental Chemistry 5 cr. *

CHEM 117 - General Chemistry Principles 5 cr. *
CHEM 248 - Quantitative Analysis 4 cr. *
CHEM 325 - Organic Chemistry 4 cr. *
CHEM 326 - Organic Chemistry 4 cr. *
CHEM 335 - Physical Chemistry - Thermodynamics and Kinetics 4 cr. *
ECON 110 - Principles of Macroeconomics 3 cr.
Provide a brief explanation of the need for this proposal and why it should be approved:
This will allow Engineering faculty the possibility to develop and teach elective courses. This will also allow students to receive credit for the statistics course in this major from AP Statistics exam.

Indicate the number of students enrolled in this program. Explain any expected changes in enrollment patterns.
25-30/year

Indicate if this proposal is likely to result in students taking longer to graduate. (If so, explain alternatives considered.)
No

Describe the adequacy of the following resources available to the program. If any additional resources are required to support your proposal, please describe these and indicate plans for obtaining them:

| Equipment: | n/a |
| Facilities: | n/a |
| Library Materials: | n/a |
| Staff: | See attached email from Math Department |

Teacher Certified Programs only: What effect will this proposal have on Department of Public Instruction (DPI) Certification and or/accreditation requirements? (If any effect, the proposal must first be considered/approved by the Teacher Education Subcommittee.)
<table>
<thead>
<tr>
<th>Department/unit vote of faculty (for multidisciplinary proposals: voting is only required from the coordinator(s)’s home department(s))</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approve: 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Department/unit vote of graduate faculty (for multidisciplinary proposals: voting is only required from the coordinator(s)’s home department(s))</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approve:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Recommendation of College Dean</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approve ☐ X</td>
</tr>
<tr>
<td>Date of signature: 10/20/2021 (Dean’s signature)</td>
</tr>
<tr>
<td>Comments of College Dean that address budget impact, staffing implications, and other resource related concerns (if any, entered below or attached)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>New major and new graduate program approvals require approval of the Vice Chancellor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Include a statement of opinion from the Vice Chancellor if the proposed change requires the approval of UW System Administration.</td>
</tr>
<tr>
<td>Approve ☐</td>
</tr>
<tr>
<td>Date of signature: (Vice Chancellor’s signature)</td>
</tr>
<tr>
<td>Comments of Vice Chancellor (if any, entered below or attached):</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Curriculum Committee vote</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approve:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Graduate Council vote</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approve:</td>
</tr>
</tbody>
</table>
Hello Karyn,

We don’t see any big problems if you want to add MATH 255 to the PSEN degree.

Just a reminder that MATH 255 is 4 credits. This will add to your total. Also, MATH 255 is not calculus-based, so the level of mathematical rigor will be a step down. But still, I think you could use MATH 255 if you have limited instructors.

We generally have around 300-350 per semester in MATH 255, so adding 20-30 won’t be too much of a lift for our department. Also we offer about 8 sections per, so do not worry about scheduling conflicts.

Instead of the PSEN 215-216 sequence, you might consider MATH 255 then PSEN 215, and you could add some statistical process control examples into PSEN 215…

Best
Daniel Harnett

Good morning, Daniel. I hope you’re doing well.
At a recent meeting of the Paper Science and Chemical Engineering faculty, we discussed the possibility of changing the statistics course required for our majors. We currently teach a stats course whose content is very similar to that in MATH 255. I’m interested in your thoughts on having about 20-30 additional students per year enrolling in MATH 255. On our end, this change would allow us to teach an additional section of a high demand course, or maybe even a fun chemical engineering elective 😊.
If you’d like to discuss this, I’ll be glad to do so.

Thanks in advance.

Karyn Biasca | Professor, Chair and ABET Liaison | UWSP Paper Science & Chemical Engineering Department
D-274 Science Building | 2001 Fourth Ave | Stevens Point, WI 54481
715.346.3962 (phone) | karyn.biasca@uwsp.edu
REQUEST TO APPROVE OR REVISE AN UNDERGRADUATE AND/OR GRADUATE COURSE

Please check the appropriate box and follow the specific instructions associated with the request:

☐ New – For each new undergraduate course proposal, complete items 2-11 and 16;
   for each new graduate course proposal, complete items 2-8, 10 and 12-16.
☒ Revise – Provide existing catalog text available at http://catalog.uwsp.edu/ (Please note, when copying/pasting catalog text click on “print-friendly page” in the upper right corner, copy desired text from the print-friendly page and paste “text only” to remove all Acalog formatting.)
   for each undergraduate course revision proposal, complete items 1-11 and 16;
   for each graduate course revision proposal, complete items 1-8, 10 and 12-16.

When revising, please remember to use strike out for deletions and underlining for additions of text.

For all deletions, please consult the “Request to Delete, Renumber, or Rename” proposal form sheet for instructions of the deletion process.

Please note, all required votes (i.e., department, college) should be documented in the proposal and all required signatures present (i.e., department chair, dean) prior to submitting to Curriculum Committee and/or Graduate Council for consideration.

*If desiring General Education Program (GEP) designation, the General Education Committee (GEC) must approve courses for GEP designation. GEC proposal forms are located at: www.uwsp.edu/commoncouncil/Pages/General-Education-Committee.aspx

No unapproved courses shall be listed in the University Timetable for the succeeding semester unless the proposed course has been submitted to the proper committees before April 1 for the following spring semester and November 1 for the following fall semester. Listing in the timetable does not constitute approval.

<table>
<thead>
<tr>
<th>1.</th>
<th>Existing Course &amp; Number:</th>
<th>HLED 250</th>
<th>Credits:</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Course Title:</td>
<td>Teaching Methods for Middle/Secondary Health Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Current/Existing Catalog description:</td>
<td>Use approved methods and materials for teaching health from middle school through grade 12; apply teaching techniques and procedures in a student centered fashion.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Undergraduate level Prerequisite(s):</td>
<td>HLED Minor, and either HLED 104 or HLED 140 (or concurrent registration)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Graduate level Prerequisite(s):</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>GEP designation(s):</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*If revising a course, the existing course information should be revised using underline for new text and strike out for text to be deleted. Existing catalog text is available at http://catalog.uwsp.edu/ (Please note, when copying/pasting catalog text click on “print-friendly page” in the upper right corner, copy desired text from the print-friendly page and paste “text only” to remove all Acalog formatting.)

<table>
<thead>
<tr>
<th>2.</th>
<th>Proposed Course &amp; Number:</th>
<th>HLED 250</th>
<th>Credits:</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Proposed Course Title:</td>
<td>Teaching Methods for Middle/Secondary Health Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>New/revised Catalog description:</td>
<td>Use approved methods and materials for teaching health from middle school through grade 12; apply teaching techniques and procedures in a student centered fashion.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Proposed Undergraduate level Prerequisite(s):</td>
<td>HLED Minor, and either HLED 104 or HLED 140 (or concurrent registration)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Proposed Graduate level Prerequisite(s):</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>GEP designation(s):</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3.</th>
<th>When will course first be offered?</th>
<th>Currently offered</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>How often will course be offered?</td>
<td>Every fall and spring</td>
</tr>
<tr>
<td></td>
<td>Undergraduate enrollment expected:</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Graduate enrollment expected:</td>
<td>0</td>
</tr>
</tbody>
</table>
Who will teach this course?  
Tim Wright

**Rationale and need for this course** (including any assessment evidence):  
Removed the prerequisite for the class to balance the enrollment between the fall and spring semesters.

**In which of the following formats will this course potentially be offered?** (you may choose more than one)  
(If Fully Online and/or Partially Online are checked, then please see item 10)

- [x] Fully Online  
- [ ] Partially Online (some reduced seat time)  
- [x] Face-to-Face (no reduced seat time)

4. **Will this proposal result in any changes to the requirements of your department’s/unit’s major, minor, or course prerequisites?** (If yes, you must also submit a proposal to revise the major/minor or course.)  
No.

5. **Describe additional or reallocated resources required for this course(s)** (e.g., staff, library materials, equipment, facilities, computing resources):  
None.

6. **What effect will this course have on related curricula in other departments/units?**  
(Responses from affected departments/units should be attached to this proposal.)  
None.

7. **What effect will this proposal have on Department of Public Instruction (DPI) Certification requirements?**  
(If any effect, the proposal must first be considered/approved by the Teacher Education Subcommittee.)  
None.

8. **What specific degree(s) does the proposed course support?**  
Health education minor

9. **What effect will this proposal have on the General Education Program (GEP)?**  
(The General Education Committee (GEC) must approve courses for GEP designations. GEC proposal forms are located at: http://www.uwsp.edu/AcadAff/Pages/GEPresources.aspx)  
None.

10. **In the affirming vote recorded below, the department attests that it has reviewed the Guide for Approval or Revision of Courses with Online Components Checklist, that all criteria outlined are met, and that the required instructor training will be completed prior to the start of the course.**

11. **Department/unit vote of faculty:**  

<table>
<thead>
<tr>
<th>Approve</th>
<th>Opposed</th>
<th>Abstain</th>
<th>Date of vote</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td>0</td>
<td>0</td>
<td>9/17/21</td>
</tr>
</tbody>
</table>

*Note items 12-15 are specific to GRADUATE COURSES/SLASH COURSES.  
Complete items 12-15 ONLY if the course is being offered at the graduate level or if it will have a graduate component.  
If your course is at the 500 or 600 level, there is an undergraduate course component of 300 or 400 respectively (i.e., slash course) and note should be added to course descriptions of notification of availability of undergraduate credit (i.e., where applicable, course description of 500- and 600-level courses will include the notice “available for undergraduate credit as “[blank to be filled in with the corresponding course number].”  
Standalone graduate courses are numbered 700 and above. Slash course proposals, pending approval by Curriculum Committee, are forwarded by the Curriculum Committee secretary to the Graduate Council for consideration.

12. **If adding or revising a slash course, when was the course first offered at the undergraduate level?**  
*(semester and year)*
| 13. | If adding or revising a slash course, what will be expected of graduate students beyond the regular undergraduate course requirements? |
| 14. | Are the faculty members who will teach this course currently members of the Graduate Faculty? (Faculty teaching graduate level courses must be approved by Graduate Council for Graduate Faculty status.) |
| 15. | Department/unit vote of Graduate faculty:  
 Approve: | Opposed: | Abstain: | Date of vote: |
| 16. | Recommendation of College Dean  
 Approve ☒ Disapprove ☐ |  
 LF Kevin Neuman  
 Date of signature: 9/27/2021  
 (Dean’s signature)  
 Comments of College Dean, if any are entered below or attached: |
| 17. | Curriculum Committee vote regarding undergraduate component:  
 Approve: | Opposed: | Abstain: | Date of vote: |
| 18. | Graduate Council vote regarding graduate component:  
 Approve: | Opposed: | Abstain: | Date of vote: |
Request for Undergraduate and/or Graduate COURSES

☐ New
☒ Revise – including: ☐ Renumber*  ☐ Re-Prefix*
☐ Delete*

*For Renumber, Re-prefix, and/or Delete proposals, the proposing department, unit, or office must complete the following actions (check all boxes when done) prior to submitting the proposal to the Curriculum Committee and/or Graduate Council.

The correspondence received from the Catalog Editor and subsequent notifications to all affected departments, units, and/or offices must accompany the Curriculum Committee and/or Graduate Council proposal.

☐ The initial notification of a course being proposed for renumbering and/or re-prefixing should be forwarded to the Catalog Editor, who will search the catalog for all references of the course (as applicable) and all departments and offices affected.

☐ The Catalog Editor will provide a listing of all catalog references and affected departments to the chair of the proposing department or director of the proposing office and the Common Council Office.

☐ The proposing department, unit, or office will provide an email to chairs of all affected departments/units and/or directors of all affected offices. The email will provide notification of the proposed renumbering and/or re-prefixing, how it affects their department/unit, and a reminder to update “in-house” documentation to reflect the change(s). The chairs of affected departments and/or directors of affected offices will be given a timeframe for responding to the proposed renumbering/re-prefixing; responses need to be submitted within the established timeframe. Pending no negative responses, the proposal for renumbering and/or re-prefixing may move forth to Curriculum Committee and/or Graduate Council.

Get existing course information from the Future Catalog at http://catalog.uwsp.edu/. (Click on the icon, and copy and paste desired text from this print-friendly page to remove all Acalog formatting.)

If you have any questions, please email curriculum.committee@uwsp.edu

Desired Effective Term: Spring 2021

EXISTING Information for REVISIONS or DELETIONS

<table>
<thead>
<tr>
<th>Course Prefix &amp; Number (e.g. ENGL 101):</th>
<th>PEX 400</th>
<th>Credits: 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Title (100 characters max.):</td>
<td>Physical Education for Individuals with Disabilities</td>
<td></td>
</tr>
<tr>
<td>Course Description:</td>
<td>Physical education for individuals with disabilities emphasizing identification, assessment, program development, and learning as they apply to instruction.</td>
<td></td>
</tr>
<tr>
<td>Undergraduate Level Prerequisite(s):</td>
<td>Concurrent registration in PEX 401 and PHED 200, PHED 201, PHED 331; and Admission to School of Education</td>
<td></td>
</tr>
<tr>
<td>Graduate Level Prerequisite(s):</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Is the Course Repeatable for Credit?</td>
<td>Yes ☐ No ☐</td>
<td>Maximum total credits if repeatable:</td>
</tr>
<tr>
<td>Grading Basis:</td>
<td>☐ Graded ☐ Pass/Fail</td>
<td></td>
</tr>
</tbody>
</table>

For Committee Use Only
Approved Effective Term:

NEW or REVISED Course Information

<table>
<thead>
<tr>
<th>Course Prefix &amp; Number (e.g. ENGL 101):</th>
<th>PEX 400</th>
<th>Credits: 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Title (100 characters max.):</td>
<td>Physical Education for Individuals with Disabilities</td>
<td></td>
</tr>
<tr>
<td>Abbreviated Course Title for Transcript (30 characters max.) if needed:</td>
<td>Phy Ed for Indiv w/ Disabl</td>
<td></td>
</tr>
</tbody>
</table>
Course Description:
Physical education for individuals with disabilities emphasizing identification, assessment, program development, and learning as they apply to instruction.

<table>
<thead>
<tr>
<th>Undergraduate Level Prerequisite(s):</th>
<th>Concurrent registration in PEX-401 and PHED 200, PHED 201, PHED 331; and Admission to School of Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate Level Prerequisite(s):</td>
<td></td>
</tr>
</tbody>
</table>

Is the Course Repeatable for Credit?
☐ Yes ☒ No

Maximum total credits if repeatable:

Grading Basis:
☒ Graded ☐ Pass/Fail

What effect will this course have on related curricula in other departments/units?
(Responses from affected departments/units should be attached to this proposal.)
None. PHED 200 is no longer required as we were asked to collapse courses due to budget. This pre-req change was missed in those changes we had made.

When will the course typically be offered? (check all that apply – undergraduate courses only)
☒ Fall ☒ Spring ☐ Summer ☐ Winterim ☐ As Needed ☐ Occasionally ☐ Even Years ☐ Odd Years

Course Components
(check all that apply):
☒ Lecture ☐ Lab ☐ Discussion ☐ Field Studies ☐ Independent Study
☐ Seminar ☐ Test ☐ Research

Possible Campus Location:
☒ Main Campus ☐ Marshfield Branch ☐ Wausau Branch

Undergraduate enrollment expected: 12-24
Graduate enrollment expected:

Rationale and need for this course (including any assessment evidence):
Department of Public Instruction Content Requirement

In which of the following formats will this course potentially be offered? (check all that apply)
☒ In-Person/Face-to-Face (no reduced seat time) ☐ Partially Online (some reduced seat time) ☐ Fully Online
☐ Point-to-Point (distance ed.)

Describe additional or reallocated resources required for this course (e.g., staff, library materials, equipment, facilities, computing resources):
none

What specific degree(s) does this course support?
BS – major in Physical Education

Department/unit vote of faculty:
If applicable, in the affirming vote recorded below, the department attests that it has reviewed the Guide for Approval or Revision of Courses with Online Components Checklist, that all criteria outlined are met, and that the required instructor training will be completed prior to the start of the course.

Approve: 14  Opposed: 0  Abstain: 0  Date of vote: 5-14-2021

GraduateCourses
Complete this section ONLY if the course is being offered at the graduate level or if it will have a graduate component.

Slash courses (300/500-level or 400/600-level) require a notation in the course description to note the availability of undergraduate/graduate credit (e.g., “available for graduate credit as xxx.”). Slash course proposals approved by the Curriculum Committee are forwarded to the Graduate Council for consideration.

If adding or revising a slash course, what will be expected of graduate students beyond the regular undergraduate course requirements?

Are the faculty members who will teach this course currently members of the Graduate Faculty?
(Faculty teaching graduate level courses must be approved by Graduate Council for Graduate Faculty status.)
### Department/unit vote of Graduate faculty:

<table>
<thead>
<tr>
<th>Approve</th>
<th>Opposed</th>
<th>Abstain</th>
<th>Date of vote</th>
</tr>
</thead>
</table>

When department votes are completed, submit the electronic version to the college dean for recommendation.

### Signatures and Processing

**Recommendation of College Dean**

<table>
<thead>
<tr>
<th>Approve</th>
<th>Disapprove</th>
<th></th>
<th>Dean’s Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑️</td>
<td>☐</td>
<td></td>
<td>Marty (Signature)</td>
</tr>
</tbody>
</table>

Date of signature: 5/20/2021

Comments of College Dean, if any, are entered below or attached

---

### Curriculum Committee vote regarding undergraduate component:

<table>
<thead>
<tr>
<th>Approve</th>
<th>Opposed</th>
<th>Abstain</th>
<th>Date of Vote</th>
</tr>
</thead>
</table>

### Graduate Council vote regarding component:

<table>
<thead>
<tr>
<th>Approve</th>
<th>Opposed</th>
<th>Abstain</th>
<th>Date of Vote</th>
</tr>
</thead>
</table>
Teacher Education Subcommittee Meeting
Tuesday, October 26  
3:15 p.m. – 4:15 p.m.  
Zoom

Present: Sydney Ahern, Rachel Brashier, Ben Donovan, Stacy Gray, Trescha Kay, Erica Ringelspaugh, Krista Slemmons, Jacquelyn Sernau, Susan Turgeson

Guest: Rebecca Stephens

AGENDA

I. Call to Order: 3:19
II. Approval of minutes from October 12, 2021: passed as is
III. School of Humanities and Global Studies
   a. Deletion – Teacher Certification in Broadfield Language Arts (Alternative A)
   b. Deletion – Teacher Certification in Broadfield Language Arts (Alternative B)
   c. Deletion – English for Elementary Education minor

Passed 8-0-0
IV. Other: none
V. Adjournment: 3:23

Respectfully submitted by Trescha Kay