## Curriculum Proposal

### BIOL 19-20 #32

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| 1.5 Signatures               |
BSU Curriculum Forms

Form 1

Curriculum Modification Summary

College: Business, Mathematics and Sciences
Department: Biology
Proposer: Debbie Guelda
Proposer’s position: Professor of Biology - course creator and instructor

Describe the modification(s) you propose, and how it (/they) will work to students’ advantage. (This description and explanation will be included in Curriculum Report packets forwarded to the Faculty Senate.):

Request - BIOL 3310/5310 – Entomology – reduce credits from 4 to 3.

Entomology is currently a 4-credit course. After teaching it with a field-based component for many years I believe that class is much better suited as a 3-credit course. The field-based component of collecting and observing insects is often problematic and unpredictable due to weather (insects are rarely found with cooler temperatures and when located, diversity and density are compromised). After trying unsuccessfully several times to modify this lab portion to an indoor format (purchased specimens, behavior-based labs, etc.), I feel that students are not experiencing a rich laboratory experience. I believe that the class and student learning will be more successful as a 3-credit course.

Modifications proposed (specify number of each):
___ I ___ Course Modification(s) (form 2)
_____ New Course(s) (form 3)
_____ Course Drop(s) (form 4)
_____ Program Modification(s) (form 5)
_____ New Program(s) (form 6)
_____ Program Drop(s) (form 7)

The modifications affect (check):
_____ Liberal Education
__X__ Undergraduate Curriculum
__X__ Graduate Curriculum
__X__ Teacher Licensure Program(s)
BSU Curriculum Forms

Form 2
Updated 9.19.15

Course Modification Form

Current Course Number(s):
  Undergraduate: **BIOL 3310**
  Graduate: **BIOL 5310**
Proposed Course Number(s), if different:
  Undergraduate: **N/A**
  Graduate: **N/A**

Current Course Title: **Entomology**
Proposed Course Title, if different: **N/A**

Current Course Description: The biology of insects, their natural history, morphology, classification, and economic importance. Lecture, laboratory, and field study. Prerequisites: BIOL 1211 and BIOL 1212, or consent of instructor.

Proposed Course Description, if different: The biology of insects and their importance. Prerequisites: BIOL 1211 and BIOL 1212, or consent of instructor.

Current Credits: **4**
Proposed Credits, if different: **3**

Current Prerequisite(s):
  Undergraduate: **BIOL 1211 and BIOL 1212, or consent of instructor.**
  Graduate: **None**
Proposed Prerequisite(s), if different:
  Undergraduate: **N/A**
  Graduate: **N/A**

1) Reason(s) for change(s): After teaching it with a field-based component for many years I believe that class is much better suited as a 3-credit course. The field-based component of collecting and observing insects is often problematic and unpredictable due to weather (insects are rarely found with cooler temperatures and when located, diversity and density are compromised). After trying unsuccessfully several times to modify this lab portion to an *indoor* format (purchased specimens, behavior-based labs, etc.), I feel that students are not experiencing a rich laboratory experience. I believe that the class and student learning will be more successful as a 3-credit course.

2) May this modified course replace the current course for students remaining in the old curriculum? Yes **X** No _____ If not, please drop the current course and submit a new course form for the modification.
3) Do these modifications change any of the following? **For all Yes answers, please provide updated information on the next page.**

<table>
<thead>
<tr>
<th>Category</th>
<th>Yes</th>
<th>No</th>
<th>X</th>
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<tbody>
<tr>
<td>Student Learning Outcomes</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Major Content Areas</td>
<td>Yes</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Projected Maximum Class Size (Cap)</td>
<td>Yes</td>
<td></td>
<td>X</td>
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**Update Major Content Areas to REMOVE 1. Buffers**

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C. OUTLINE OF MAJOR CONTENT AREAS

1. Buffers
2. Edible Insects & Culture
3. Flight & Feeding
4. Forensic Entomology
5. Insect Groups
6. Morphology
7. Nervous Circulatory
8. Reproduction
9. Sensory Perception
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4) Current Course fee(s) per student: **$ 15 per credit** for:

Proposed Course fee(s) per student, if different: **N/A** for:

5) Service Areas:
This course is a requirement or an elective in the programs/areas listed below. To locate where this course appears please search the online catalog, as follows:

a) go to [http://www.bemidjistate.edu/academics/catalog/](http://www.bemidjistate.edu/academics/catalog/) and choose the most recent catalog(s),
b) click on “Areas of Study, and Course Descriptions,”
c) click on “PDF of Entire Catalog” in upper right,
d) press Ctrl F, and enter the prefix and number of the course(s) from this form.

Non-licensure programs:
Aquatic Biology, B.S. major Aquatic Systems Emphasis (credit change ok, as is a select 9 credits)
Biology, B.A. major (change ok in modified program)
Biology, B.S. major (change ok in modified program)
Wildlife Biology, B.S. major (change ok, select 2 and other 3 credit options)
Biology minor (change ok, select 1 and other 3 credit options)

Teacher Licensure programs: **YES**
Science Education, B.S. major Life Science Specialty (Teacher Licensure) (change ok, select 1 and other 3 credit options)
Liberal Education:

The above “service area” programs/departments were notified of this modification on ____9/20/2019____ (date) by ____Debbie Guelda via email____ (mail, email, or phone).

Please check one of the items below:

___X___ No comments were received from other programs or departments within one week of the notification.

_______ Comments were received within one week of the notification, and are attached.
BSU Curriculum Forms

Form 8
Updated: 09.18.15

Signatures

________________________________________
Debbie Guelda / Professor of Biology / 10.15.2019
Proposer / Title / Date

________________________________________
Mark Wallert / Biology / 10.17.2019
Chair or Director / Department or Program / Date
Note: "All departmental recommendations [on curriculum] must be reviewed and approved by the department's faculty."--IFO/MnSCU Master Agreement 2009-2011, 20.A.3 (p. 80).

At this point, packet goes to Records Office/Curriculum Coordinator to be logged in to the Curriculum Proposal Progress Grid.

________________________________________
Marilyn Yoder / Business, Mathematics and Sciences / 10.17.2019
Dean / College / Date

Note: If proposal is sent back to the Proposer, please notify the Curriculum Coordinator. If approved, packet goes to Academic Affairs Office.
From: Coggins, Porter E <Porter.Coggins@bemidjistate.edu>
Sent: Friday, September 20, 2019 1:57 PM
To: Guelda, Debbie <Debbie.Guelda@bemidjistate.edu>
Subject: RE: BIOL 3310 - Entomology credit change

okey-dokey.

i will forward to michael urban...

sincerely,

porter

veteran, united states army (for those curious about my email protocol)

"If a man does not keep pace with his companions, perhaps it is because he hears a different drummer. Let him step to the music which he hears, however measured or far away" - Henry David Thoreau

"Give me your tired, your poor,Your huddled masses yearning to breathe free,The wretched refuse of your teeming shore.Send these, the homeless, tempest-tost to me,I lift my lamp beside the golden door!" - Emma Lazarus

Porter E. Coggins, III Ph.D.
Professor and Chair, Department of Professional Education
Bemidji State University
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Bemidji, MN 56601
porter.coggins@bemidjistate.edu
Veteran, United States Army

From: Guelda, Debbie <Debbie.Guelda@bemidjistate.edu>
Sent: Friday, September 20, 2019 1:40 PM
To: Coggins, Porter E <Porter.Coggins@bemidjistate.edu>
Subject: BIOL 3310 - Entomology credit change

Hi Porter,
I wanted to let you know that I will be changing the BIOL 3310 – Entomology from a 4-credit to a 3-credit course. This course is found under Teacher Licensure as a possible required Biology elective. Please let me know if you have any questions at all. Thank you so much!
Debbie

Debbie L. Guelda, MS, PhD
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Director – Community Engagement Council
Co-director – Teaching and Learning Center
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