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## Course Modification

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BSU Curriculum Forms

Form 1

Curriculum Modification Summary

College: Business, Mathematics and Science
Department: Biology
Proposer: Holly LaFerriere
Proposer’s position: Assistant Professor

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.):

I propose modifying the prerequisites for Biology 2750: Medical Microbiology to include a third introductory biology course (BIOL 1111) as an option to fulfill the biology prerequisite. BIOL 1111 Anatomy & Physiology for Allied Health I was added to the curriculum after the last course modification of BIOL 2750 and should be included as a prerequisite as it prepares students well for medical microbiology.

Modifications proposed (specify number of each):

_1_ 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
_____Graduate Curriculum
_____Teacher Licensure Program(s)
BSU Curriculum Forms

Form 2
Updated 9.19.15

Course Modification Form

Current Course Number(s):
   Undergraduate: **BIOL 2750**
   Graduate:
Proposed Course Number(s), if different:
   Undergraduate:
   Graduate:

Current Course Title: **Medical Microbiology**
Proposed Course Title, if different:

Current Course Description: Introduction to pathogenic microorganisms, the interaction of pathogens and the immune system, transmission of infections, and methods of controlling infections. The laboratory portion of the class covers aseptic technique, pure culture techniques, microscopy, and diagnostic microbiology. This course is intended primarily for Nursing majors. Prerequisites: (BIOL 1211 or BIOL 1110) and (CHEM 1110 or CHEM 1111 or CHEM 2211).

Proposed Course Description, if different:

*Change to prerequisites only:*
Introduction to pathogenic microorganisms, the interaction of pathogens and the immune system, transmission of infections, and methods of controlling infections. The laboratory portion of the class covers aseptic technique, pure culture techniques, microscopy, and diagnostic microbiology. This course is intended primarily for Nursing majors. Prerequisites: (BIOL 1110 or BIOL 1111 or BIOL 1400) and (CHEM 1110 or CHEM 1111 or CHEM 2211)

Current Credits: 3
Proposed Credits, if different:

Current Prerequisite(s):
   Undergraduate: (BIOL 1211 or BIOL 1110) and (CHEM 1110 or CHEM 1111 or CHEM 2211)
   Graduate:
Proposed Prerequisite(s), if different:
   Undergraduate: BIOL 1110, or BIOL 1111, or BIOL 1400 and (CHEM 1110 or CHEM 1111 or CHEM 2211)
   Graduate:

1) Reason(s) for change(s):

**A new Biology course was developed for Nursing students, Biol 1111. This should be included as an option to fulfill the prerequisite. Also, Biol 1211 has been changed**
to Biol 1400. The change in prerequisites will better reflect the current courses offered.

2) May this modified course replace the current course for students remaining in the old curriculum? Yes _____ 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.

   Student Learning Outcomes   Yes _____ No X
   Major Content Areas         Yes _____ No X
   Projected Maximum Class Size (Cap) Yes _____ No X

4) Current Course fee(s) per student: $15 / credit
   for:
   Proposed Course fee(s) per student, if different: $ ___
   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/ 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:
   Biology, B.S. major (select 1 of several choices); BIOL 1400 req.in pgm
   Biology minor (select 1 of several choices); BIOL 1400 req. in pgm
   Nursing, B.S. major 4-year track

   Teacher Licensure programs: None

   Liberal Education: None

   Prerequisites for:

   The above “service area” programs/departments were notified of this modification on 10.17.2019 (date) by ___email____________________ (mail, email, or phone).

Nursing

Please check one of the items below:
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

_Holly LaFerriere / Assistant Professor /
Proposer / Title / Date

_Mark Wallert / Biology /
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

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 /
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.
Hi Tricia,

I am not sure if you heard back from Mark or not and I didn’t want you to not have answers to your question, so here is my attempt at answering. The change in prereqs is something that needs to be completed and I will get this process started soon. The prereqs have not been strictly enforced in the past, so students have not had any difficulty registering for the course. I do not believe that this course would be a good one as a lib ed course as there is the prereq for a biology class and it is not really an entry level course for everyone. I try to specifically gear it to nursing students. It would require a huge change in the way the course is taught for it to become a lib ed class.

I apologize for the delayed response.

All the best,
Holly