

4-30-2012

Allow Med Tech Majors take BI0423 insteadBI0323

The College at Brockport, College Senate

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The College at
BROCKPORT
STATE UNIVERSITY OF NEW YORK


350 New Campus Drive
Brockport, New York 14420
585-395-2586 * 585-395-2246 (fax)
senate@brockport.edu
brockport.edu/collegesenate

Resolution # 28 2011-2012
College Senate

Supersedes Res #: _____

TO: Dr. John R. Halstead, College President

FROM: The College Senate: 4/30/12

- RE:  I. Formal Resolution (*Act of Determination*)
II. Recommendation (*Urging the Fitness of*)
III. Other, For Your Information (*Notice, Request, Report, etc.*)


SUBJ: Allow Med Tech Majors take BIO423 instead BIO323 (routing #42_11-12UC)

Signed:  Date: 5/7/2012
(John P. Daly 2011-2012, College Senate President)


Please fill out the bottom portion and follow the distribution instructions at the end of this page.

TO: John P. Daly, College Senate President

FROM: John R. Halstead, College President

- RE:  I. Decision and Action Taken on Formal Resolution (circle choice) ? ?
 (2) Accepted - Implementation Effective Date: Fall 2011
 b. Deferred for discussion with the Faculty Senate on ___/___/___
 c. Unacceptable for the reasons contained in the attached explanation
 II, III. Response to Recommendation or Other/FYI
 a. Received and acknowledged ___/___/___
 b. Comment:

Resolution forwarded to Albany by President's Office for final approval. YES NO

Signed:  Date: 5/5/12
(Dr. John R. Halstead, President, The College at Brockport)

DISTRIBUTION:

Upon approval, the College President will forward copies of resolutions to his staff who will, in turn, forward copies to their staff. The College Senate Office will post resolutions to the College Senate Web at <http://www.brockport.edu/collegesenate/resolutions>.

**COLLEGE SENATE OFFICE
RESOLUTION PROPOSAL COVER PAGE**

Routing Number <i>Routing # assigned by Senate Office</i>	#42_11-12UC <i>Use routing number and title in all reference to this proposal.</i>
Replaces Resolution	#

DEADLINE FOR SUBMISSIONS: FEBRUARY 28

Incomplete proposals or proposals received after the deadline may not be reviewed until next semester.

INSTRUCTIONS – please, no multiple attachments – each proposal must be submitted electronically as one document.

- Submit only complete proposals. Include support letters from department chair and dean.
- Proposals must be prepared individually in Word format using committee guidelines available at brockport.edu/collegesenate/proposal.html.
- Fill out this cover page for each proposal and insert it electronically as the front page of your document. (collegesenate/proposal.html)
- Email whole proposal with cover page as one attachment to senate@brockport.edu and facprez@brockport.edu.
- All updates must be resubmitted to the Senate office with the original cover page including routing number.
- Questions? Call the Senate office at 395-2586 or the appropriate committee chairperson.

1. **PROPOSAL TITLE:** Please be somewhat descriptive, ie. *Graduate Probation/Dismissal Proposal* rather than *Graduate Proposal*.

Change to Allow Medical Technology Majors to take BIO423 (General Microbiology) instead of BIO323 (Microbiology)

2. **BRIEF DESCRIPTION OF PROPOSAL:**

We wish to allow Medical Technology Majors to take BIO423 (General Microbiology) instead of BIO323 (Microbiology). This change will better serve our students as they pursue their degree. If students want to receive a Biology degree as well as a Medical Technology degree, they are only allowed to count two 300-level electives for the Biology major. This will enable them to take BIO423 and have the course count as a 400-level elective while still fulfilling the New York State requirements for Medical Technology licensure.

3. **WILL ADDITIONAL RESOURCES AFFECTING BUDGET BE NEEDED?** **NO** **YES EXPLAIN**

4. **HOW WILL THIS EFFECT TRANSFER STUDENTS:**

No affect

5. **ANTICIPATED EFFECTIVE DATE:**

Fall, 2011

6. **SUBMISSION & REVISION DATES:** PLEASE PUT A DATE ON ALL UPDATED DOCUMENTS TO AVOID CONFUSION.

<i>First Submission</i>	<i>Updated on</i>	<i>Updated on</i>	<i>Updated on</i>
3/19/12			

7. **SUBMITTED BY: (contact person)**

<i>Name</i>	<i>Department</i>	<i>Phone</i>	<i>Email</i>
Craig Lending	Biology	X5755	clending@brockport.edu

8. **COMMITTEES TO COPY: (Senate office use only)**

Standing Committee	Forwarded For Approval To	Dates
<input type="checkbox"/> Enrollment Planning & Policies	Committee for approval	3/19/12
<input type="checkbox"/> Faculty & Professional Staff Policies	Executive Committee	4/9/12
<input type="checkbox"/> General Education & Curriculum Policies *	GED to Vice Provost	
<input type="checkbox"/> Graduate Curriculum & Policies	Senate	4/16/12
<input type="checkbox"/> Student Policies	College President	
<input checked="" type="checkbox"/> Undergraduate Curriculum & Policies	OTHER	
<i>* follow special Gen Ed procedures for submission of General Education proposals at "How to Submit Proposals" on our Website.</i>	REJECTED -WITHDRAWN	

NOTES:

**Major in Medical Technology
Current Biology requirements**

(61 credits)	Credits
BIO 201 Biology I	4
BIO 202 Biology II	4
BIO 301 Cell Biology	4
BIO 302 Genetics	4
BIO 321 Anatomy and Physiology I	4
BIO 322 Anatomy and Physiology II	4
BIO 323 Microbiology	4
BIO 414 Immunology	3
BIO 481 Medical Technology Internship	15
BIO 581 Medical Technology Internship	15
Minimum Total:	61

Chemistry requirements:

CHM 205-206 College Chemistry I & II	8
CHM 305 Organic Chemistry I	4
CHM 306 or CHM 313 (Organic II or Quantitative Chemical Analysis)	4

Math requirements:

MTH243	3
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Physics requirements:

PHS 205-210 Intro to Physics I & II w/lab	8
OR	
PHS 235-240 Physics I & II w/lab	8

**Major in Medical Technology
Proposed Biology requirements**

(61 credits)	Credits
BIO 201 Biology I	4
BIO 202 Biology II	4
BIO 301 Cell Biology	4
BIO 302 Genetics	4
BIO 321 Anatomy and Physiology I	4
BIO 322 Anatomy and Physiology II	4
BIO323 Microbiology or BIO 423 General Microbiology	4
BIO 414 Immunology	3
BIO 481 Medical Technology Internship	15
BIO 581 Medical Technology Internship	15
Minimum Total:	61

Chemistry requirements:

CHM 205-206 College Chemistry I & II	8
CHM 305 Organic Chemistry I	4
CHM 306 or CHM 313 (Organic II or Quantitative Chemical Analysis)	4

Math requirements:

MTH243	3
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Physics requirements:

PHS 205-210 Intro to Physics I & II w/lab	8
OR	
PHS 235-240 Physics I & II w/lab	8

3. The changes above reflect our Department's desire to allow students to take courses which will apply to the Medical Technology degree as well as the Biology degree program. This change will provide a higher level of content than is currently available in the 300-level Microbiology course. If students want to receive a Biology degree as well as a Medical Technology degree, they are only allowed to count two 300-level electives for the Biology major. This will enable them to take BIO423 and have the course count as a 400-level elective while still fulfilling the New York State requirements for Medical Technology licensure. Importantly, if they fail to gain entrance in the Medical Technology program, they can use the General Microbiology course as a 400-level elective with a lab for the Biology major degree.
 4. There are no new courses involved in this proposal. BIO423 is currently being taught as BIO495, Topics in Biology, but will be registered as BIO423, General Biology, for the Fall 2012 semester.
 5. There are no additional staffing needs required by this proposal.
-

6. Letter of Support – Department Chair



The College at
BROCKPORT
STATE UNIVERSITY OF NEW YORK

**350 New Campus Drive
Brockport, New York 14420**

Rey Antonio L. Sia, Ph.D.
Department Chair
Associate Professor
Dept. of Biology
rsia@brockport.edu

February 16, 2012

To the Committee,

The Department of Biology supports the change in the course requirement for its B.S. Medical Technology major. Instead of requiring BIO 323 Microbiology, we would like to require BIO 423 General Microbiology. This course will serve two purposes. The first is to meet the microbiology content knowledge for entrance into the medical technology clinical year at Rochester General Hospital. The second is to fulfill a 400-level lab requirement for the Biology major for those students not accepted into the clinical year.

Sincerely,

Rey A. Sia

Letter of Support – External Sources

24 February 2012

To the Committee:

The Rochester General Hospital School of Medical Technology supports the change in the course requirements for the B.S. in Medical Technology major at SUNY Brockport. Not only would the BIO 423 General Microbiology course provide a solid foundation for entrance into the clinical internship year, but it would also fulfill a course requirement at the 400-level for the Biology major should a student not be accepted into the clinical internship. This would allow such a student to successfully change majors to Biology and fulfill requirements.

Cordially,

Nancy C. Mitchell

Nancy C. Mitchell, M.S., MT(ASCP), DLM

Program Director

Rochester General Hospital School of Medical Technology

1425 Portland Avenue

Rochester, NY 14621



The College at
BROCKPORT
STATE UNIVERSITY OF NEW YORK

School of Science and Mathematics

28 February 2012

To: College Senate

I have reviewed the request by the Biology Department to allow students majoring in Medical Technology to take BIO423 (General Microbiology) instead of BIO323 (Microbiology). This proposal has my support.

Sincerely,

A handwritten signature in black ink that reads 'Jose Maliekal'. The signature is written in a cursive, flowing style.

Jose Maliekal, PhD
Interim Dean, School of Science & Mathematics
