



**SUNY
BROCKPORT**

350 New Campus Dr
Brockport, NY 14420
senate@brockport.edu

**Resolution # 14 2020-21
College Senate**

Supersedes Resolution #

To: Dr. Heidi Macpherson, College President
From: Cathy Houston-Wilson, College Senate President
Re:

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

SUBJ: Mod to UG Maj in Mathematics with Inclusive Adolescent Ed. (#20_20-21 UC)

Signed: Cathy Houston-Wilson Date: 3/31/21
(Dr. Cathy Houston-Wilson, 2020-2021 College Senate President)

Implementation of resolution requires final approval from:

SUNY Yes No NYS Dept of Education Yes No

Signed: Eileen Daniel Date: 4-1-21
(Dr. Eileen Daniel, Vice Provost, SUNY Brockport)

Decision and Action Taken on Formal Resolution (circle choice below)

- a. Accepted
- b. Deferred for discussion with the Faculty Senate
- c. Unacceptable for the reasons contained in the attached explanation.

Signed: Heidi Macpherson Date: 5/5/2021
(Dr. Heidi Macpherson, College President, SUNY Brockport)

Implementation Effective Date: _____

DISTRIBUTION:

The College Senate President will forward the signed resolution to the Vice Provost for determination as to whether the implementation of the resolution requires final approval from SUNY and/or the State Education Dept. The Vice Provost will then sign and forward the resolution with that designation to the College President. Upon approval, the College President will forward the resolution to an Administrative Assistant who will distribute the final resolution to the Senate Office. The Senate Office will scan the resolution and send to the Coordinator of Digital Commons where it will be posted to https://digitalcommons.brockport.edu/senate_resolutions/

**COLLEGE SENATE OFFICE
RESOLUTION PROPOSAL COVER PAGE
DEADLINE FOR SUBMISSIONS:
JANUARY 31**

Incomplete proposals will be returned and proposals received after the deadline may not be reviewed until next semester.

Routing Number <i>Routing # assigned by Senate Office 2020-2021</i>	20_20-21UC <i>Use routing number and title in all reference to this proposal.</i>
This Proposal Replaces Resolution	

INSTRUCTIONS

- Use committee guidelines available at brockport.edu/collegesenate/proposal.html.
- Prepare ONE complete document in **Word format or PDF**: include this proposal cover page, the detailed proposal, and any relevant supporting data or documentation, including letters of support from your department chair and dean, if applicable, as well as letters of support or dissent (or evidence that such letters were sought) from all affected programs, departments, or units at the College.
- Locate the Resolution # and date this proposal will replace at our "Approved Resolutions" page on our Web site.
- Email completed proposal to senate@brockport.edu.
- **Make revisions on the paperwork emailed to you from the Senate office that shows the assigned routing number on top. Submit updated document to senate@brockport.edu.**
- Questions? Call the Senate office at 395-2586 or the appropriate committee chairperson.

1. **PROPOSAL TITLE:** Please be somewhat descriptive, i.e. *Use a course number and/or title, indicate if for GED code, etc.*

Modification to the undergraduate major in Mathematics with Inclusive Adolescent Education

2. **BRIEF DESCRIPTION OF PROPOSAL:**

Addition of a second semester of foreign language

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

4. **DESCRIBE ANY DATA RELATED TO STUDENT LEARNING OUTCOMES ASSESSMENT USED AS PART OF THE RATIONALE FOR THE REQUESTED SENATE ACTION.**

N/A

5. **DESCRIBE THE IMPACT, IF ANY, THAT THESE CHANGES WILL HAVE ON STUDENT ELIGIBILITY FOR THE EXCELSIOR SCHOLARSHIP.**

None

6. **DESCRIBE THE IMPACT, IF ANY, THAT THESE CHANGES WILL HAVE ON TRANSFER STUDENTS AND THEIR ABILITY TO TRANSFER SEAMLESSLY AS MANDATED BY SUNY POLICY.**

None

7. **ANTICIPATED EFFECTIVE DATE:**

1 January 2021

8. **SUBMISSION & REVISION DATES:** PLEASE DATE ALL REVISED DOCUMENTS TO AVOID CONFUSION.

<i>First Submission</i>	<i>Updated on</i>	<i>Updated on</i>	<i>Updated on</i>
September 8, 2020			

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

<i>Name</i>	<i>Department</i>	<i>Phone</i>	<i>Email</i>
Rebecca Smith	Mathematics	395-5183	rsmith@brockport.edu

10. **COMMITTEES: (Senate office use only)**

Standing Committee	Forwarded To	Dates Forwarded
<input type="checkbox"/> Executive Committee	Standing Committee	
<input type="checkbox"/> Enrollment Planning & Policies	Executive Committee	
<input type="checkbox"/> Faculty & Professional Staff Policies	Senate	
<input type="checkbox"/> General Education & Curriculum Policies	Passed GED's go to Vice Provost	
<input type="checkbox"/> Graduate Curriculum & Policies	College President	
<input type="checkbox"/> Student Policies	OTHER	
<input type="checkbox"/> Undergraduate Curriculum & Policies	REJECTED -WITHDRAWN	

NOTES:

Rationale

When new programs were developed for the preparation of future teachers of adolescents, it was understood that the existing program, and others within SUNY required two semesters of modern language. We were advised, however, that only one semester was required. Subsequently, we have learned that the while SUNY is planning on making a change, the current requirement still stands at two semesters. Therefore, we are proposing to modify the curriculum for the Mathematics with Inclusive Adolescent Education major to include the required two semesters of foreign language.

We have also expanded and revised options for Social Studies under advisement from the History Department. In addition, after asking for and receiving permission from the History and African and African American Studies Departments, we have added other options for the Social Science that was originally restricted only to ECN 100 to allow for a selection from a menu of HST or AAS course that include the necessary topics economics. It's important for students to have options that include a focus on the institutional racism in economic structures in addition to the option of a traditional introductory economics course.

Mathematics with Inclusive Adolescence Education major			Mathematics with Inclusive Adolescence Education major (proposed)		
Prefix, number & course title	Credit hours	GEP	Prefix, number & course title	Credit hours	GEP
Courses in MTH MTH 201, 202, 203 (Calculus I, II, III; 12 credits) MTH 255 (Differential Equations; 3 credits) MTH 281 (Discrete Math I; 4 credits) MTH 324 (Linear Algebra; 3 credits) MTH 346 (Probability and Statistics I; 3 credits) MTH 425 (Modern Algebra; 3 credits) MTH 432 (College Geometry; 3 credits) MTH 446 (Probability and Statistics II; 3 credits) MTH 457 (Real Analysis; 3 credits) MTH 4?? (Two 400-level math electives; 6 credits)	43	M	Courses in MTH MTH 201, 202, 203 (Calculus I, II, III; 12 credits) MTH 255 (Differential Equations; 3 credits) MTH 281 (Discrete Math I; 4 credits) MTH 324 (Linear Algebra; 3 credits) MTH 346 (Probability and Statistics I; 3 credits) MTH 425 (Modern Algebra; 3 credits) MTH 432 (College Geometry; 3 credits) MTH 446 (Probability and Statistics II; 3 credits) MTH 457 (Real Analysis; 3 credits) MTH 4?? (Two 400-level math electives; 6 credits)	43	M
Computer Science co-requisite CSC 203 (Fundamentals of Computer Science I; 4 credits)	4		Computer Science co-requisite CSC 203 (Fundamentals of Computer Science I; 4 credits)	4	
Prerequisite: CSC 120 (Intro to Computer Science; 4 credits) or prior programming experience and permission of Computing Sciences	0-4		Prerequisite: CSC 120 (Intro to Computer Science; 4 credits) or prior programming experience and permission of Computing Sciences	0-4	
<i>EDI 4xx (EHD Adolescent Development)</i>	3		<i>EDI 4xx (EHD Adolescent Development)</i>	3	
EDI 3xx (EHD Classroom Management)	1		EDI 3xx (EHD Classroom Management)	1	
EDI 413: <i>Intro to Special Education</i>	3		EDI 413: <i>Intro to Special Education</i>	3	
EDI 431: <i>Language Skills I</i>	3		EDI 431: <i>Language Skills I</i>	3	
EDI 446***+PRO 4XX: <i>Middle Grades Pedagogy</i> (course varies by content area)	4		EDI 446***+PRO 4XX: <i>Middle Grades Pedagogy</i> (course varies by content area)	4	
EDI 414***+PRO 4XX: <i>Special Education Methods</i>	4		EDI 414***+PRO 4XX: <i>Special Education Methods</i>	4	
EDI 432: <i>Language Skills II</i>	3		EDI 432: <i>Language Skills II</i>	3	
EDI 430: <i>Education and Society</i>	3	I, W, Y	EDI 430: <i>Education and Society</i>	3	I, W, Y
EDI 466***+PRO 4XX: <i>Teaching Upper Grades</i>	4		EDI 466***+PRO 4XX: <i>Teaching Upper Grades</i>	4	
EDI 419: <i>Assessment in Special Education</i>	3		EDI 419: <i>Assessment in Special Education</i>	3	
EDI 475+PRO 4XX: <i>Practicum and Seminar</i>	12		EDI 475+PRO 4XX: <i>Practicum and Seminar</i>	12	
Modern Language (1 course) 111 OR 112	3	R	Modern Language (2 courses) 111 and 112 OR 112 OR above	3-6	R
ENG 112 ENG 210	6		ENG 112 ENG 210	6	
Mathematics	-		Mathematics	-	
BIO 111 or 281 NAS 273	7-8	N/L, L	BIO 111 or 281 NAS 273	7-8	N/L, L
Social Studies: HST 110 HST 130 or HST 201	6	H, O, D	Social Studies: HST 110* or HST 211 and HST 140* or HST 202	6	D, H O, S
ECN 100	3	S	HST 120* or HST 212 or HST 118 or AAS 113 or AAS 114 or ECN 100	3	S

Gen Ed as needed Native students will need: 1 Humanities 1 Fine Arts GEP 100	7+ (native students) 0+ (transfers)		Gen Ed as needed Native students will need: 1 Humanities 1 Fine Arts GEP 100	7+ (native students) 0+ (transfers)	
Electives as needed for GEP or 120-credit total	(var.)	(var.)	Electives as needed for GEP or 120-credit total	(var.)	(var.)
Total credits (required courses)	120-123		Total credits (required courses)	120-126	

*Denotes a high enrollment course. It is recommended to choose the small seminar counterpart.

Sample Plan of Study: Proposed Mathematics with Inclusive Adolescent Education

Fall Year 1	credits	Gen Ed	Spring Year 1	credits	Gen Ed
MTH 201	4		MTH 281	4	
<i>CSC 120 (if needed)</i>	4		MTH 202	4	
BIO 281	3	N	ENG 112	3	English
HST 211	3	D, H	NAS 273	4	L
Humanities	3	H	Modern Lang. 111	3	
GEP 100	1				
Total credits	14-18		Total	18	
Fall Year 2	credits	Gen Ed	Spring Year 2	credits	Gen Ed
MTH 203	4		MTH 255	3	
MTH 324	3		MTH 346	3	
CSC 203	4		EDI 413	3	
EDI 4xx Adol. Development	3		ENG 210	3	P
EDI 3xx Clssrm. Mgmt.	1		HST 202	3	O, S
Modern Lang 112	3				
Total credits	18			15	
Fall Year 3	credits	Gen Ed	Spring Year 3	credits	Gen Ed
MTH 432	3		MTH 446	3	
MTH 4** (Elective)	3		MTH 457	3	
EDI 431	3		EDI 432	3	
EDI 446	3		EDI 430	3	I,W,Y
PRO 4XX (middle grades)	1		EDI 466	3	
ECN 100	3	S	PRO 4XX (upper grades)	1	
Total	16		Total	16	
Fall Year 4	credits	Gen Ed	Spring Year 4	credits	Gen Ed
MTH 425	3		EDI 475	9	
MTH 4** (Elective)	3		PRO 4XX (Seminar)	3	
EDI 414	3				
PRO 4XX (Special Ed)	1				
EDI 419	3				
Fine Art	3	F/P			
Total	16		Total	12	

The total number of credits for required courses is 125.



School of Arts and Sciences

4 December 2020

Dr. Cathy Houston-Wilson
President, College Senate
Brockport, NY 14420

Dear Dr. Houston-Wilson:

I have reviewed the proposal that Dr. Rebecca Smith, Chair, Department of Mathematics, is submitting to the College Senate to revise the curriculum of the inclusive Adolescent program in Mathematics. No additional resources are needed to implement the revision. The College is already offering all the courses required to complete the program.

To comply with the stipulation of the SUNY system administration, the department is adding a second course in a language other than English as a requirement. In addition, the proposal has updates concerning the options available to students within Social Studies courses.

I write to express my endorsement and support for the proposed changes. Thank you very much for considering the proposal.

Sincerely,

Jose Maliekal, Dean



SUNY BROCKPORT

Department of History

November 19, 2020

Dear Fellow Chairs and Senate Undergraduate Curriculum Committee,

I write to recommend that students in Adolescent Inclusive degree programs (other than Social Studies Inclusive) take the following for their social studies generalist inclusive course work:

HST 202: Modern World Seminar (S/O) or if necessary its large lecture counterpart HST 140: Modern World Survey (S/O)

And one of: **HST 212: Modern US Seminar (S/D) or if necessary its large lecture counterpart HST 120: Modern US Survey (S/D) or HST 118: History of American Capitalism (S/D) or AAS 113: Introduction to African-American History (S/D) or AAS 114: African-American History since the Civil War (S/D).**

This would eliminate ECN 100: Introduction to Economics from their options. See rationale below.

I recommend that they continue to take HST 211: Early America Seminar (H/D) or if necessary its large lecture counterpart HST 110: Early America Survey (H/D) for gen ed H. *I request that Ancient World History be eliminated from these students' degree programs – meaning both HST 201: Ancient World Seminar (H/O) and its large lecture counterpart HST 130: Ancient World Survey (H/O) be removed.*

Rationale for these changes: Since these proposals went through Senate, NYS has shifted emphasis strongly toward modern world history in the 7-12 curriculum. The Regents or AP exam at the end of Global II no longer includes any material from Global I and thus is entirely tilted toward modern world history. Students need preparation in this area in order to support future special education students who are taking Global II and preparing for the exam.

HST 118 is already an alternative to ECN 100 in the degree program, or is proposed to be. HST 212/120 and I believe also AAS 113 and 114 will, like HST 118, give experience with US history *and* are adequate for preparing these students to support special education students who might be taking Economics in high school. History is committed to having all HST 212/120 instructors be aware of the high school Economics standards.

In addition, seats in ECN 100 are *needed* for Social Studies (Inclusive) Education majors. Seats in HST 201/130 are *needed* for Childhood Inclusive Education majors.

Sincerely,

Anne S. Macpherson
Professor and Chair

