

**SUNY BROCKPORT**

College Senate  
State University of New York College at Brockport  
350 New Campus Drive  
Brockport, NY 14420-2925  
(585) 395-2586 (Fax) 395-2246

**Resolution # 38  
2005-2006  
COLLEGE SENATE**

TO: Dr. John R. Halstead, College President  
FROM: The College Senate passed: May 8, 2006  
RE: ⇨ I. Formal Resolution (*Act of Determination*)  
II. Recommendation (*Urging the Fitness of*)  
III. Other, For Your Information (*Notice, Request, Report, etc.*)

COLLEGE SENATE  
SUNY College at Brockport  
MAY 24 2006  
350 New Campus Drive  
Brockport, NY 14420-2925

SUBJ: **Earth Science Water Proposal #09 05-06 UC**

Signed: [Signature] Date: 5/18/06  
(Dr. Mark Noll, 2005-2006 College Senate President)

**Please fill out the bottom portion and return document to the College Senate Office.**

TO: The College Senate  
FROM: College President

RE: ⇨ I. Decision and Action Taken on Formal Resolution (circle)  
a. Accepted. Resolution Effective Date: 5/22/06  
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: \_\_\_\_\_  
\_\_\_\_\_

DISTRIBUTED BY PRESIDENT'S OFFICE TO: President's Cabinet

DISTRIBUTE ALSO TO: Originator, Academic Advisement, Registrar (as appropriate)

Signed: [Signature] Date: 5/22/06  
(Dr. John R. Halstead, College President, SUNY College at Brockport)

**COLLEGE SENATE OFFICE  
RESOLUTION PROPOSAL COVER PAGE**

<b>Routing Number</b>	<b>09 05-06 UC</b>
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ROUTING NUMBER TO BE ASSIGNED BY SENATE OFFICE

**DEADLINE FOR SUBMISSIONS: FEBRUARY 23**

Proposals received after the deadline may not be reviewed until next semester.

**INSTRUCTIONS:**

- Submit proposals individually rather than packets including multiple documents.
- Complete this cover page for each proposal (available online at [www.brockport.edu/collegesenate](http://www.brockport.edu/collegesenate))
- Prepare proposal in Word format using committee guidelines (available online)
- Submit proposal electronically with this cover page to [senate@brockport.edu](mailto:senate@brockport.edu), [facprez@brockport.edu](mailto:facprez@brockport.edu)
- All updates must be resubmitted to the Senate office with an updated cover page, use routing number
- Questions? Call the Senate office at 395-2586 or the appropriate committee chairperson.

**1. PROPOSAL TITLE:**

Please be somewhat descriptive, for example, *Graduate Probation/Dismissal Proposal* rather than *Graduate Proposal*.

New Water Resources Minor Proposal

**2. BRIEF DESCRIPTION OF PROPOSAL:**

**Introduction of a 19-credit water resources minor to the Department of the Earth Sciences program. This minor will be open to all undergraduate students regardless of declared major. Majors in the Department of the Earth Sciences cannot use the same upper division courses for both their major and the WTR minor.**

**3. SUBMISSION & REVISION DATES: PLEASE DATE ALL UPDATED DOCUMENTS**

First Submission	Updated on	Updated on	Updated on
9/29/05	11/1/05	2/23/06	3/1/06

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

Name	Department	Phone	Email
James Zollweg	Earth Sciences	Chair 395-2359 Faculty 395-2352	<a href="mailto:Jzollweg@brockport.edu">Jzollweg@brockport.edu</a>

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

Standing Committee	Forwarded To	Date
<input type="checkbox"/> Enrollment Planning & Policies <input type="checkbox"/> Faculty & Professional Staff Policies <input type="checkbox"/> General Education & Curriculum Policies <input type="checkbox"/> Graduate Curriculum & Policies <input type="checkbox"/> Student Policies <input checked="" type="checkbox"/> <b>Undergraduate Curriculum &amp; Policies</b>	Committee Chair	10/21/05 (mailed), 2/13/06, 3/2/06
	Executive Committee	3/6/06, 4/24/06
	Senate Floor	5/1/06 - vote 5/8/06
	College President	
	Other	

\*(ROUTING NUMBER WILL BE A CHRONOLOGICAL NUMBER SEQUENCE FOLLOWED BY COMMITTEE INITIALS)

# NEW WATER RESOURCES MINOR PROPOSAL

Submitted 9/30/05 by James Zollweg, Chair

Department of the Earth Sciences

- I. Rationale
  - a. Serves all college majors. Especially appropriate for Meteorology and Environmental Science majors because it provides an allied program.
- II. Entrance Requirements (if appropriate)
  - a. None
- III. Program Requirements (if appropriate)
  - a. None
- IV. Description of new courses and a side-by-side comparison of the old and new program. Credit hours must be included and totaled in clear tabular form.
  - a. N/A
- V. Sequence in which the courses would be offered to guarantee timely completion of the program

Sequence	Required Courses	Semester Offered	Credits
1	ESC 211 Intro to Meteorology	Every	4
2	ESC 412 Hydrology	Odd Fall	4
3	ESC 418 Watershed Science	Odd Spring	3
1	GEL 201 Intro to Physical Geology	Fall	4

Sequence	Electives – <i>Choose One</i>	Semester Offered	Credits
3	GEL 462 Groundwater*	Odd Spring	4
3	GEL 457 Geochemistry	Even Spring	4
3	GEL 415 Geomorphology**	Odd Spring	4

- VI. Staffing Issues
  - a. None
- VII. Resources, facilities that may be needed to implement the program.
  - a. None

\*Prerequisites: ESC 350, GEL 391 and MTH 201

\*\* Prerequisites: ESC 350 and ESC 391

TO: Mark Noll, President  
College Senate

FROM: Jim Zollweg, Chair  
Department of Earth Science

DATE: October 5, 2005

SUBJECT: WATER RESOURCES MINOR PROPOSAL

I am writing in support of the attached proposal to introduce a new water resources minor into the Earth Sciences undergraduate program. This minor is an excellent opportunity for meteorology, geology and environmental science majors to expand their areas of expertise to include an area that supports and impacts their fields. It is also a great opportunity for all students to increase awareness of how water resources affect them on a personal level, and in the long-term, interest in this minor will increase water resources major enrollment.

I look forward to speaking to you further about this proposal.

JZ:lm  
Attachment

13 October 2005

To: President, College Senate  
From: Jose Maliekal, Associate Dean  
Re: Minor in Water Resources

Fully support the enclosed proposal from the Department of the Earth Sciences to introduce a new minor in Water Resources. Proposed requirements for the minor, besides being reasonable and appropriate, offer students the opportunity to learn how water, its amount, availability, and quality, impacts humans. Students majoring in Geology, Environmental Science, and Meteorology should find the proposed minor especially attractive.

On behalf of my colleagues in the Earth Sciences department, I thank you for your consideration of this proposal and urge the Senate to approve it.