4-19-2010

Interdisciplinary Meteorology Minor

The College at Brockport, College Senate

Follow this and additional works at: https://digitalcommons.brockport.edu/senate_resolutions

Part of the Higher Education Commons

Repository Citation

The College at Brockport, College Senate, "Interdisciplinary Meteorology Minor" (2010). College Senate Resolutions. 1456.
https://digitalcommons.brockport.edu/senate_resolutions/1456

This Resolution is brought to you for free and open access by Digital Commons @Brockport. It has been accepted for inclusion in College Senate Resolutions by an authorized administrator of Digital Commons @Brockport. For more information, please contact kmyers@brockport.edu, digitalcommons@brockport.edu.
TO: Dr. John R. Halstead, College President
FROM: The College Senate: April 19, 2010
RE: I. Formal Resolution (Act of Determination)
     II. Recommendation (Urging the Fitness of)
     III. Other, For Your Information (Notice, Request, Report, etc.)

SUBJ: Interdisciplinary Meteorology Minor (routing #38 09-10UC)

Signed: ___________________________ Date: __/__/____
(Steven Lewis, 2009-10 College Senate President)

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

TO: Steven Lewis, The College Senate President
FROM: John R. Halstead, College President
RE: I. Decision and Action Taken on Formal Resolution (circle choice)
     a. Accepted - Implementation Effective Date: Fall 2010
     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:

Signed: ___________________________ Date: __/__/____
(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.
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 document 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.
Proposal for Significant Changes in the Interdisciplinary Communication Meteorology Minor

2. BRIEF DESCRIPTION OF PROPOSAL:
Changes the name of the minor, requires a more specific set of courses, and increases the number of credits from 19 to 21.

3. WILL ADDITIONAL RESOURCES AFFECTING BUDGET ARE NEEDED? _X_ NO ___ YES  EXPLAIN YES

4. HOW WILL THIS EFFECT TRANSFER STUDENTS:
No adverse impacts. Transfer students are not affected differently than other students.

5. ANTICIPATED EFFECTIVE DATE: August 2010

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

<table>
<thead>
<tr>
<th>First Submission</th>
<th>Updated on</th>
<th>Updated on</th>
<th>Updated on</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 December 2009</td>
<td>4 March 2010</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Received by Senate 2/17/10)

7. SUBMITTED BY: (contact person)

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gus Pereira</td>
<td>Earth Sciences</td>
<td>395-2655</td>
<td><a href="mailto:gpereira@brockport.edu">gpereira@brockport.edu</a></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Standing Committee</th>
<th>Formatted For Approval To</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty &amp; Professional Staff Policies</td>
<td>Executive Committee</td>
<td></td>
</tr>
<tr>
<td>General Education &amp; Curriculum Policies *</td>
<td>GED to Vice Provost</td>
<td></td>
</tr>
<tr>
<td>Graduate Curriculum &amp; Policies</td>
<td>Senate</td>
<td></td>
</tr>
<tr>
<td>Student Policies</td>
<td>College President</td>
<td></td>
</tr>
<tr>
<td>Undergraduate Curriculum &amp; Policies</td>
<td>OTHER</td>
<td></td>
</tr>
</tbody>
</table>

* follow special Gen Ed procedures for submission of General Education proposals at “How to Submit Proposals” on our Website.

NOTES: The UCP committee returned this proposal on 3/4/2010 to the Earth Sciences Department. They may resubmit it with revisions. It was resubmitted 3/5/10.
Executive Summary

The Department of the Earth Sciences and the Department of Communication have offered an interdisciplinary minor in Communication Meteorology for many years. This program is available to students who wish to become informed interpreters and communicators of weather information to mass audiences via media. We are unaware of any current student who is pursuing this minor. We feel that this resource has not been properly utilized and we are seeking modifications that address some deficiencies identified in the current program. We propose that this revised minor be implemented in the Fall 2010 for all students.

Explanation of Changes

Under this proposal, the revised minor undergoes two substantial changes:

1) The name of the revised minor changes to “Broadcast Meteorology”
2) A set of 6 required courses become part of the minor, which increases the minimum number of required credits from 19 to 21.

We propose that the name of this program be changed from “Communication Meteorology Interdisciplinary Minor” to simply “Broadcast Meteorology” minor. The name is more meaningful and it clearly identifies that it consists of an interdisciplinary track: Broadcasting from the Department of Communication, and Meteorology from the Department of Earth Sciences. Moreover, the term “Broadcast Meteorology” has a clearly defined meaning in the current job market.

One of the deficiencies identified in this program was the exceedingly flexible nature of course requirements, which theoretically allows students to obtain a minor without possessing a minimum set of core courses in each area. In this proposal we establishing a minimum core knowledge that a student must possess in each subject in order to earn this minor. We believe that a useful minor in Broadcast Meteorology consists of a minimum knowledge of weather forecasting and broadcasting which, respectively, would require the completion the ESC 312 (Synoptic Meteorology II) and CMC 343 (Broadcast Announcing). Given that these are not introductory level courses we propose that the following 6 courses (3 in Meteorology, 3 in Journalism and Broadcasting) become part of the required core for this minor:

Meteorology Core
- ESC 211 – Introduction to Meteorology 4
- ESC 311 – Synoptic Meteorology I 4
- ESC 312 – Synoptic Meteorology II 4

Broadcasting Core
- CMC 200 – Introduction to Digital Video/Audio 3
- CMC 224 – Newswriting OR CMC 243 – Media Writing 3
- CMC 343 – Broadcast Announcing 3

Total: 21
This proposal effectively increases by 2 the minimum number of credits required to complete the new Broadcast Meteorology minor. While we understand that this proposal exceeds (by 3) the minimum number of credits required in a minor, it is our assessment that this program is not viable without the completion of ESC 312 and CMC 343. Consequently, a minor in Broadcast Meteorology is not viable with fewer credits than the proposal presented here. While the number of courses in this minor proposal (i.e. six) is in line with most other programs, the fact that most courses in natural sciences include a laboratory component (4 credits instead of 3 credits) creates the excess 3 credits. Our proposed minor will be open to any student at Brockport, who may earn the degree by completing the above six courses. Students declaring a minor in Broadcast Meteorology must complete at least 3 of the above courses at the College at Brockport.

**Additional Impacts**

This proposal does not require the creation of any new courses. Records also indicate that, at this time, no student is officially pursuing the current Communication Meteorology Interdisciplinary minor. Therefore, our expectation is that:

1) no additional resources or facilities are necessary to implement this proposal;
2) no additional staffing is required; and
3) current students or future transfer students should not be adversely affected by this change.

**Side-by-Side Comparison**

<table>
<thead>
<tr>
<th>Communication Meteorology Interdisciplinary Minor</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any CMC or ESC courses by advisement</td>
<td>7</td>
</tr>
<tr>
<td>Any CMC or ESC upper division courses by advisement</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>TOTAL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Broadcast Meteorology Minor</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESC 211 – Introduction to Meteorology</td>
<td>4</td>
</tr>
<tr>
<td>ESC 311 – Synoptic Meteorology I</td>
<td>4</td>
</tr>
<tr>
<td>ESC 312 – Synoptic Meteorology II</td>
<td>4</td>
</tr>
<tr>
<td>CMC 200 – Introduction to Digital Audio/Video</td>
<td>3</td>
</tr>
<tr>
<td>CMC 224 – Newswriting OR CMC 243 – Media Writing</td>
<td>3</td>
</tr>
<tr>
<td>CMC 343 – Broadcast Announcing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>TOTAL</td>
</tr>
</tbody>
</table>
To: Dr. L. Gustavo Pereira, Assistant Professor  
Earth Sciences

From: Dr. Scott M. Rochette, Chair and Associate Professor  
Earth Sciences

Re: Proposal for Significant Changes to Communications Meteorology Minor

I have reviewed the College Senate proposal to alter the Communications Meteorology interdisciplinary minor, and am writing to indicate my approval and support. The proposed changes significantly strengthen the minor and provide better, more relevant experiences for its students. The skill set provided by the revised major will make our graduates much more attractive in an already competitive job market.

In my 10 years at the College at Brockport, I do not recall a single student who enrolled in the Communications Meteorology minor. The adoption of the proposed changes, along with judicious steering and advisement, will undoubtedly bring students into this program.

In closing, I heartily endorse this proposal.
DATE: November 30, 2009

TO: College Senate

FROM: Monica Brasted, Chair, Communication

RE: Proposed Changes to the “Communication Meteorology Interdisciplinary Minor.”

This letter is written in support of the proposed revisions to the “Communication Meteorology Interdisciplinary Minor.” These revisions address some of the current weaknesses of this minor. The proposed name change creates a more clearly recognizable minor. The revisions also offer structure to the minor by creating a core and eliminating vagueness. Furthermore, the proposed revisions also reflect the recent curriculum revisions which took effect this semester in the Department of Communication. I believe the revised Broadcast Meteorology minor will be more useful to students who are interested in this area of study.

In closing, thank you for considering these revisions.
I support the attached proposal for changes to the Communications Meteorology Minor.

Stuart Appelle, Ph.D.
Dean, School of Science and Mathematics
350 New Campus Drive
The College at Brockport
State University of New York
Brockport, New York 14420

From: scott rochette [mailto:docrochette@gmail.com]
Sent: Tuesday, December 08, 2009 4:32 PM
To: sappelle@brockport.edu
Cc: Gustavo Pereira; Judy Massare; Lauri Kifer; Jose Maliekal
Subject: broadcast meteorology minor senate proposal

Hello Stuart...attached please find the Senate proposal to make changes to the former Communications Meteorology minor, which will be submitted by Gustavo Pereira. It has been reviewed thoroughly by the Curriculum Committees of both the Earth Sciences and Communications departments, approved by all faculty during meetings in both departments, and it is supported by both the Chair of Communications and myself. The proposal does not demand new human or material resources to be implemented and does not affect anyone adversely since nobody is enrolled in the minor currently.

In order for the proposal to go forward, I am requesting that you review the proposal and write a letter of support on its behalf. If you have any questions, please do not hesitate to contact me. Thank you for your consideration in this matter.

Cheers,
Scott

--
Scott M. Rochette, Ph.D.
Associate Professor of Meteorology and Chair
Department of the Earth Sciences
The College at Brockport
(585) 395-2603

Attachment: Broadcast_Meteorology_Minor-Senate_Proposal.doc (2445k bytes) Open
Hello Gustavo...I have reviewed the revised proposal, and I approve of the changes. Thank you for your continued efforts in this arena.

Cheers,

Scott

--
Scott M. Rochette, Ph.D.
Associate Professor of Meteorology and Chair
Department of the Earth Sciences
The College at Brockport
(585) 395-2603

Dear Chair of the Undergraduate Senate Committee,

I have reviewed the proposed revisions made to the original broadcast meteorology minor proposal. I approve of these revisions and support it moving forward through the committee and the senate.

Thank you,
Monica Brasted

Monica Brasted, Ph.D.
Chairperson & Associate Professor
Department of Communication
The College at Brockport
223 Holmes Hall
Brockport, NY 14420
585-395-2157
Scott:

I support your “Proposal for Significant Changes in the Interdisciplinary Communication Meteorology Minor” which is being submitted to College Senate.

Stuart Appelle, Ph.D.
Dean, School of Science and Mathematics
350 New Campus Drive
The College at Brockport
State University of New York
Brockport, New York 14420