Resolution #21
2002-2003
FACULTY SENATE

TO: Dr. Paul Yu, College President
FROM: The Faculty Senate Meeting on: April 21, 2003
RE: I. Formal Resolution (Act of Determination)
II. Recommendation (Urging the Fitness of)
III. Other, For Your Information (Notice, Request, Report, etc.)

SUBJ: Elimination of Minor from 18 Hours to 2 Courses for Science Teacher Certification

Signed: Date Sent: 4/21/03
(Dr. Kenneth O'Brien, 2002-2004 Faculty Senate President)

TO: The Faculty Senate
FROM: Dr. Paul Yu, College President
RE: I. Decision and Action Taken on Formal Resolution (circle)
   a. Accepted. Effective Date: __/__/__
   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:

DISTRIBUTION TO: President's Staff and School Deans
Distribution Date: 5/6/03
Signed: Date: 5-5-03
(Dr. Paul Yu, President, SUNY College at Brockport)
To: Undergraduate Senate Committee  
From: Scott Robinson  
Re: Elimination of minor from 18 hours to 2 courses

In the current program all science majors who pursue science teacher certification must minor in a second science field. For example, a biology major seeking biology teacher certification is required to complete an 18 credit hour minor in one of the other three science fields—in this case either chemistry, earth science, physics. In the past, this minor enabled the student to earn teacher certification in the minor area as well as the major field of study. However, due to new state regulation on teacher certification, the minor of 18 hours will no longer meet requirement for content preparation in a science field. The new regulations require a major or an equivalent of a major—36 hours. In addition to this change, it has become apparent that science majors pursuing teacher certification are required to take excessive courses. This proposal will reduce the required hours by 10 to 12 hours or 2 to 3 courses. Please note that in the current program students are required to take 2 lab courses in the other two science fields beyond the major and minor. This would essentially not change. Thus a student who wants to pursue a biology major and biology teacher certification would be required to 2 courses in chemistry, earth science, and physics. The required courses would be selected by the representative science fields with input from the education department.

Undergraduate Science (Biology, Chemistry, Earth Science, Physics) Majors who pursue teacher certification

<table>
<thead>
<tr>
<th>OLD PROGRAM</th>
<th>NEW PROGRAM</th>
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</thead>
<tbody>
<tr>
<td>Minor in a second science field</td>
<td>2 courses in what would have been the minor</td>
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</tbody>
</table>
Hi Dena,

Letters of support from Biology and Chemistry chairs are embedded below. Letters from Earth Science and Physics will be sent directly to you. Thank you, Scott

BIOLOGY

X-WebMail-UserID: schan
Date: Mon, 24 Feb 2003 15:25:12 -0500
Sender: schan <schan@brockport.edu>
From: schan <schan@brockport.edu>
To: Scott Robinson <srobinso@brockport.edu>
X-EXP32-SerialNo: 00002330
Subject: RE: Minor requirement

Dr. Robinson

Now that you presented me with this requirement, I recalled that I have passed this on to Dr. Brannigan (curriculum chair) to communicate with you. At any rate, both he and I have no objection to the change in requirement. So the answer is "it is fine with Biology".

Steve

CHEMISTRY

X-WebMail-UserID: tkallen
Date: Mon, 10 Feb 2003 08:43:03 -0500
Sender: tkallen <tkallen@brockport.edu>
From: tkallen <tkallen@brockport.edu>
To: Scott Robinson <srobinso@brockport.edu>
Cc: "Carolyn J. Greene" <cgreene@brockport.edu>
X-EXP32-SerialNo: 00002330
Subject: RE: change in minor requirement

Scott:

The Chemistry faculty are in agreement with the need for these changes. Please coordinate the need for changes in the Chemistry certification program with Carolyn Greene, the chair of our Curriculum Committee. She will bring the results before the Chemistry faculty for approval.

Printed for Dena Levy <dlevy@brockport.edu> 3/24/2003
Tom Kallen

EARTH SCIENCE

Scott Robinson, Ph.D.
SUNY Brockport
Education and Human Development
350 New Campus Drive
Brockport, NY 14420

Phone: (585) 395-5547
Fax: (585) 395-2172
Email: srobinso@brockport.edu

Printed for Dena Levy <dlevy@brockport.edu>
Date: Thu, 13 Mar 2003 15:12:43 -0500 (EST)
From: Richard Mancuso <rmancuso@brockport.edu>
X-Sender: rmancuso@enterprise
To: Dena Levy <dlevy@brockport.edu>
Subject: Change in program for science majors in teacher cert.

Dear Dena,

I enthusiastically support the dropping of the minor for science majors in teacher cert.

With changes in state requirements, it makes no sense to keep the minor.

Dick Mancuso
Date: Fri, 14 Mar 2003 15:09:29 -0500 (EST)
From: "Dr. Jose Malieka" <jmalieka@esc.brockport.edu>
X-X-Sender: <jmalieka@elnino>
To: <dlevy@brockport.edu>
cc: <srobinso@brockport.edu>
Subject: Re: change in minor requirement (fwd)

Dena:

A while back, Scott Robinson informed the chairs of the science departments about some changes contemplated the agency that certifies school teachers. Presently, a person who has completed a minor in a discipline is eligible to get certified to teach that subject in a school. We were informed that this will no longer be the case, come next year. The current requirement that students majoring in a science discipline and seeking teacher certification complete a minor in another area is predicated on the understanding that such students can seek certification in two areas. If this is no longer an option, I do not see any reason to require students to complete a minor. Therfore, the Department of the Earth Sciences supports the proposed change in minor requirement.

Jose Malieka
Department of the Earth Sciences

Dear Dick and Jose,

Could you please write a brief email saying that you support the proposal to eliminate the minor for science majors pursuing teacher certification. You can send your message to Dena Levy (dlevy@brockport.edu). Thank you, Scott

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