Resolution #11

TO: President John E. Van de Wetering
FROM: The Faculty Senate
RE: I. Formal Resolution (Act of Determination)
    III. Recommendation (Urging the fitness of)
    III. Other (Notice, Request, Report, etc.)

SUBJECT: Alternative program for certification in Education and Human Development

Meeting on December 9, 1985

[Signature]
Date Sent 12/11/85

TO: The Faculty Senate
FROM: President John E. Van de Wetering
RE: Decision and Action Taken on Formal Resolution

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. a. Received and acknowledged
        b. Comment: (See attached)

DISTRIBUTION: Vice Presidents: [full list]
Others: [full list]
Distribution Date: 12/11/85

Date Received by the Senate: [Signature]
(President of the College)
December 16, 1985

TO: Robert Marcus
   Vice-President for Academic Affairs

FROM: Don Johnson
       Chairperson, Education and Human Development

Please note the following additions in the Course of Study for the M.S. in Education: Secondary Programs.

NOTE:
This program is for those persons with strong undergraduate preparation in (Mathematics, etc.) who do not hold a teaching certificate. Applicants must meet the New York subject area requirements for certification prior to formal admission to the program.
November 25, 1985

To: Faculty Senate
    College Administration

From: Department of Education and
      Human Development

The attached proposal for an alternate route to the M.S. in Education:
Secondary degree programs is designed to offer a more efficient program for
baccalaureate degree holders who already possess a major in the desired
certification area.

This alternative is offered in recognition of the changing population
entering teacher certification programs. At present, a large majority of
secondary certification students have a B.A. or B.S. degree. The figures run
as high as 90% in some programs. For these persons, completion of undergraduate
courses as prerequisite to the M.S. is often regarded as an indignity. It is
also needlessly expensive in terms of time and money. At present such students
must complete 22 hours of undergraduate work and 33 hours of graduate work for
a total of 55 hours.

A second compelling rationale for the change derives from the marketplace.
For example at Albany State you can complete an M.S. and certification program
in 33 hours. At Nazareth College you can do the same in 30 hours. We feel that
the 39 hour program will keep us competitive without compromising the quality
of our degree and/or certification programs.

Yet another reason for the change stems from technicalities in the
accounting process. At present, these B.S. degree holders enroll as non-
matriculated graduate students and take undergraduate courses. They then apply
directly to the State for Certification and the College receives no recognition
for having them here. Our state accounting systems recognize the institution
contribution only when the person also completes a degree program. Further,
the student is denied the advantage of reciprocity agreements.

There are two essential differences in the proposed alternative course
of study. First, movement of heretofore undergraduate certification courses
to the graduate level. This move was already forced by the State Education
Department's requirement of matriculated status for Empire State Fellowship
winners. Subsequently, all SUNY units were asked to modify programs in order
to accept these students and we complied with that request. Second, there is
a shift in the balance of professional courses and arts and sciences courses.
It is important to remember that this program does not replace the existing M.S.
for candidates with provisional certification. This alternative is for those
persons with strong discipline backgrounds who decide later that they would like
to teach. This is very much a professional program not a topping off of an
undergraduate program that combined subject area and teacher certification courses.

On the following pages you will find proposed alternative programs and
existing programs presented together for ease of comparison. The general format
is presented first, followed by the specific subject areas.
**PROPOSED ALTERNATIVE PROGRAM**

M.S. in Education: Secondary (general format)
Program for students who do not have
provisional certification in this area of certification

<table>
<thead>
<tr>
<th>Course Requirements</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>I. Basic Sequence</strong></td>
<td>15 hrs.</td>
</tr>
<tr>
<td>EDI 594 Adolescence (3 hrs.)</td>
<td></td>
</tr>
<tr>
<td>*EDI 5-- Methods (3 hrs.)</td>
<td></td>
</tr>
<tr>
<td>*EDI 6-- Practicum/Internship (9 hrs.)</td>
<td></td>
</tr>
<tr>
<td><strong>II. Advanced Studies</strong></td>
<td>12 hrs.</td>
</tr>
<tr>
<td>*EDI 5-- (3 hrs.)</td>
<td></td>
</tr>
<tr>
<td>*EDI 6-- (3 hrs.)</td>
<td></td>
</tr>
<tr>
<td>*EDI 6-- (3 hrs.)</td>
<td></td>
</tr>
<tr>
<td>*EDI 6-- (3 hrs.)</td>
<td></td>
</tr>
</tbody>
</table>

II. Advanced Studies 12 hrs.

III. Arts and Sciences 6-9 hrs.

IV. Education Electives 3-6 hrs.

Total Hours 39 hrs.

*These courses will vary across certification areas. Secondary certification areas at Brockport include English, biology, chemistry, physics, earth science, social studies, and mathematics.

NOTES:

1. The present M.S. in Education: Secondary programs would be maintained for provisional certificate holders.

2. Persons lacking discipline depth or breadth in consultation with an advisor, may be required to take additional courses in the subject of certification.
PROPOSED ALTERNATIVE PROGRAM

M.S. in Education: Secondary (general format)
Program for students who do not have
provisional certification in this area of certification

Course Requirements: Credit Hours

1. Basic Sequence
   EDH 344 Adolescence (3 hrs.) 15 hrs.
   *EDI 5 -- Methods (3 hrs.)
   *EDI 6 -- Practicum/Internship (6 hrs.)

II. Advanced Studies
   *EDI 6- (3 hrs.)
   *EDI 6- (3 hrs.)
   *EDI 6- (3 hrs.)
   *EDT 6- (3 hrs.)

III. Arts and Sciences
   6-9 hrs.

IV. Education Electives
   3-6 hrs.

Total Hours: 39 hrs.

*These courses will vary across certification areas.
Secondary certification areas at Brockport include English, biology, chemistry, physics, earth science, social studies, and mathematics.

NOTES:

1. The present M.S. in Education: Secondary programs would be modified for provisional certificate holders.
2. Persons lacking discipline depth or breadth in consultation with an advisor, may be required to take additional courses in the subject of certification.

EXISTING COURSE OF STUDY

M.S. in Education: Secondary (general format)

Total hour requirement: 33 semester hours. In addition, a culminating project or thesis is required. The program of study must include courses in each of two areas: Liberal Arts (area in which the candidate holds provisional certification) and Professional Education. The specific courses included in the program must be approved by the faculty advisor.

Course Requirements: Credit Hours

1. Liberal Arts 15-18 hrs.
2. Professional Education 12-18 hrs.
3. Elective 3 hrs.

Total 33 hrs.

4. Culminating project or thesis

*The general format provides a template for developing the specific programs in each certification area.
**PROPOSED ALTERNATIVE PROGRAM**

**M.S. in Education: Secondary Social Studies**

(Program for students without provisional certification)

<table>
<thead>
<tr>
<th>Course Requirements</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>I. Basic Sequence</strong></td>
<td></td>
</tr>
<tr>
<td>EDI 584 Adolescence</td>
<td>3</td>
</tr>
<tr>
<td>EDI 585 Methods of Teaching Sec. Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>EDI 624 Practicum/Internship</td>
<td>9</td>
</tr>
<tr>
<td><strong>II. Advanced Social Studies Education</strong></td>
<td></td>
</tr>
<tr>
<td>EDI 670 Innovations in Secondary Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>EDI 624 Advanced Sec. Curriculum: Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>EDI 724 Seminar in Secondary Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>EDI 726 Social Studies Education Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

**III. Arts and Sciences**
Electives from social sciences by advisement 6-9

**IV. Education Electives**
Electives from education by advisement 3-6

**Total** 39 hrs.

---

**PRESENT PROGRAM**

**M.S. in Education: Secondary Social Studies**

Total Hour Requirement: 33 semester hours. In addition, a culminating project or thesis is required. The program of study must include courses in each of two areas: Liberal Arts (Social Sciences) and Professional Education. The specific courses included in the program must be approved by the Faculty Advisor.

1. **Liberal Arts** 12-18 hours
   Selection of appropriate Social Science courses by advisement.

2. **Professional Education** 12-18 hours
   The following courses are required, preferably in this sequence:
   
   EDI 670 Innovation in Secondary Social Studies
   EDI 624 Advanced Secondary School Curriculum: Social Studies
   EDI 724 Seminar: Secondary School Social Studies Education
   EDI 726 Social Studies Education Elective
   
   An additional 1-9 hours selected with advisement, depending on the student's individual programmatic needs.

3. **Elective** 3 hours

4. **Culminating project or thesis.**
PROPOSED ALTERNATIVE PROGRAM
M.S. in Education: Secondary Science
Biology, Chemistry, Earth Science, Physics
(Program for students without provisional certification)

<table>
<thead>
<tr>
<th>Course Requirements</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Basic Sequence</td>
<td></td>
</tr>
<tr>
<td>EDI 584 Adolescence</td>
<td>3</td>
</tr>
<tr>
<td>EDI 5xx Methods of Teaching Sec. Science</td>
<td>3</td>
</tr>
<tr>
<td>EDI 5xx Practicum/Internship</td>
<td>0</td>
</tr>
<tr>
<td>Total:</td>
<td>15</td>
</tr>
</tbody>
</table>

II. Advanced Secondary Science Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDI 685 Educ. Statistics</td>
<td>3</td>
</tr>
<tr>
<td>EDI 617 Seminar in Secondary Sci. Ed.</td>
<td>3</td>
</tr>
<tr>
<td>EDI 623 Current Research in Science Ed.</td>
<td>3</td>
</tr>
<tr>
<td>EDI 793 Thesis/Project</td>
<td>3</td>
</tr>
<tr>
<td>Total:</td>
<td>17</td>
</tr>
</tbody>
</table>

III. Arts and Sciences

<table>
<thead>
<tr>
<th>Courses in science selected by advisement</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6-9</td>
</tr>
</tbody>
</table>

IV. Education Electives

<table>
<thead>
<tr>
<th>Courses selected from education by advisement</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3-6</td>
</tr>
<tr>
<td>Total:</td>
<td>39 hrs.</td>
</tr>
</tbody>
</table>

Certification in the sciences is specific to the area of concentration.

PRESENT PROGRAM
M.S. in Education: Secondary Science

Total hour requirement: 33 semester hours. In addition, a culminating project or thesis is required. The program of study must include courses in each of two areas: Liberal Arts (Science area in which candidate holds Provisional Certification) and Professional Education. The specific courses included in the program must be approved by the faculty advisor.

1. Liberal Arts 12-18 hours
   - Selection of appropriate science courses by advisement.

2. Professional Education
   - EDI 603 Educational Measurement and Evaluation
   - EDI 617 Current Problems in Secondary School Science Education
   - EDI 623 Advanced Secondary School Curriculum, Science
   - EDI 793 Seminar: Secondary School Science Education
   - An additional 3-9 hours may be selected with advisement, depending on the student’s individual programmatic needs.

3. Elective 3 hours
   - Total: 33 hours

4. Culminating project or thesis.

*Specific area of Provisional Certification, i.e., Biology, Chemistry, Earth Science or Physics.
### PROPOSED ALTERNATIVE PROGRAM

M.S. in Education: Secondary English
(For students without provisional certification)

#### Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>I. Basic Sequence</strong></td>
<td></td>
</tr>
<tr>
<td>EDI 354 Adolescence</td>
<td>3</td>
</tr>
<tr>
<td>EDI 45 Methods in Secondary English</td>
<td>3</td>
</tr>
<tr>
<td>EDI 6 Practicum</td>
<td>9</td>
</tr>
<tr>
<td><strong>II. Advanced Studies</strong></td>
<td>15</td>
</tr>
<tr>
<td>EDI 603 Ed. Measurement and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>EDI 643 Linguistics for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>EDI 648 Teach Written Composition K-12</td>
<td>3</td>
</tr>
<tr>
<td>EDI 791 Seminar in English Ed. (inc. thesis/project)</td>
<td>3</td>
</tr>
<tr>
<td><strong>III. Arts and Sciences</strong></td>
<td>12</td>
</tr>
<tr>
<td><strong>IV. Education Electives</strong></td>
<td>6-9</td>
</tr>
<tr>
<td></td>
<td>3-6</td>
</tr>
<tr>
<td></td>
<td><strong>39 hours</strong></td>
</tr>
</tbody>
</table>

#### PRESENT PROGRAM

M.S. in Education: Secondary English

Total Hour Requirement: 33 semester hours, including a culminating project or thesis. The program of study must include at least four courses in each of two areas: Liberal Arts (English) and Professional Education (primarily English Education). To meet the requirements for permanent certification, students are required to take courses in the following areas: Teaching the English Language, Teaching Literature, Teaching Writing, and Teaching Reading. All courses in the program must be approved by the faculty advisor.

**Illustrative Program.** The following distribution of courses is illustrative of what a graduate program of studies might include:

1. **English Courses**
   - EDL 343 Contemporary American Poetry
   - EDL 359 Selected Topics in Film
   - EDL 381 English Grammar
   - EDL 632 Melville and Hawthorne
   - **12-18 hours**

2. **Professional Education Courses**
   - EDI 603 Educational Tests and Measurement
   - EDI 643 Teaching Reading in the Secondary Schools
   - EDI 644 Linguistics for Teachers
   - EDI 645 Teaching Literature in the Secondary Schools
   - EDI 646 Teaching of Written Composition
   - EDI 791 Seminar in English Education (during the seminar students normally complete the culminating project or thesis.)
   - **12-18 hours**

3. **Elective**
   - Normally English or English Education
   - **3 hours**

4. **Culminating Project or Thesis**
   - **33 hours**
<table>
<thead>
<tr>
<th>Course Requirements</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>I. Basic Sequence</strong></td>
<td></td>
</tr>
<tr>
<td>EDI 584 Adolescent Psych.</td>
<td>3</td>
</tr>
<tr>
<td>EDI 5xx Methods in Sec. Math</td>
<td>3</td>
</tr>
<tr>
<td>EDI 6xx Practicum in Sec. Math</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>15</td>
</tr>
<tr>
<td><strong>II. Advanced Studies</strong></td>
<td></td>
</tr>
<tr>
<td>EDI 625 Adv. Sec. Sch. curr. - Math</td>
<td>3</td>
</tr>
<tr>
<td>EDI 686 Problems in Sec. Sch. Math, Ed.</td>
<td>3</td>
</tr>
<tr>
<td>EDI 792 Seminar in Sec. Sch. Math Ed.</td>
<td>3</td>
</tr>
<tr>
<td>EDI 803 Ed. Messi, &amp; Eval.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12</td>
</tr>
<tr>
<td><strong>III. Arts and Sciences Electives</strong></td>
<td>6-9</td>
</tr>
<tr>
<td>Electives by advisement</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6-9</td>
</tr>
<tr>
<td><strong>IV. Education Electives</strong></td>
<td></td>
</tr>
<tr>
<td>Electives by advisement</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3-6</td>
</tr>
<tr>
<td></td>
<td>10 hours</td>
</tr>
</tbody>
</table>

**PRESENT PROGRAM**

M.S. in Education: Secondary Mathematics

Total hour requirement: 33 semester hours. In addition, a culminating project or thesis is required. The program of study must include courses in each of two areas: Liberal Arts (Mathematics) and Professional Education. The specific courses included in the program must be approved by the advisor.

1. **Liberal Arts**
   - Selection of appropriate math courses by advisement.
   - 12-18 hours

2. **Professional Education**
   - The following courses are required:
     - EDI 621 Advanced Secondary School Curriculum: Mathematics
     - EDI 691 Seminar in Secondary School Mathematics
     - EDI 694 Problems: Secondary School Mathematics Education
   - 12-18 hours

3. **Elective**
   - 3 hours

4. **Culminating Project or Thesis**
   - Total 33 hours