

**TO: FULL SERVICE FACULTY, ADMINISTRATION, AND  
STUDENT GOVERNMENT**

**FROM: VIRGINIA PHILLIPS, SECRETARY, ACADEMIC SENATE**

**RE: MEETING OF THE ACADEMIC SENATE  
WEDNESDAY, FEBRUARY 5, 1992, 4:00 P.M.  
ARTS AND SCIENCES AUDITORIUM, ROOM 132, DEBARTOLO HALL**

### **AGENDA**

1. **Call to Order.**
2. **Approval of Minutes for December 4, 1991, meeting.**
3. **Elections and Balloting Committee Report.**
4. **Charter and Bylaws Committee Report.**
5. **Senate Executive Committee Report.**
6. **Reports From Other Senate Committees.**
  - 912-05 **Report from Academic Programs and Curriculum Committee, Curriculum Division (Course Attachments).**
  - 912-06 **Report from Academic Programs and Curriculum Committee, Curriculum Division (Course Attachments).**
  - 912-07 **Report from Academic Programs and Curriculum Committee, Academic Programs Division.**
  - **Report from Global Awareness Committee.**
  - **Report from Athletic Committee.**
7. **Unfinished Business.**
8. **New Business.**
9. **Adjournment.**

COVER SHEET TO BE ATTACHED TO ALL REPORTS SUBMITTED TO THE ACADEMIC SENATE

Date \_\_\_\_\_ Report Number (for Senate use only) 912-05

Name of Committee submitting report University Curriculum Division

Committee status: (elected chartered, appointed chartered, ad hoc, etc.) \_\_\_\_\_

Appointed Charter

Names of Committee members: T. Kermani (Chair), S. DeBlois, R. Foulkes

I. Heal, M. Haggerty, D. Henneman, H. Yiannaki

Please write a brief summary of the report which the Committee is submitting to the Senate: (attach complete report) The following proposals have been approved by the  
University Curriculum Division and circulated through proper channels  
and there are no objections.

Do you anticipate making a formal motion relative to the report? No

If so, state the motion: \_\_\_\_\_

If there are substantive changes made from the floor in your committee recommendations, would the committee prefer that the matter be sent back to committee for further consideration? \_\_\_\_\_

Other relevant data: \_\_\_\_\_

Taghi Kermani  
Chair

PREPARED BY CURRICULUM COMMITTEE

- 92-009 Twentieth Century Art from 1925 (Delete)  
815 Important movements in painting, sculpture, and  
architecture from 1925 to date, and the artists  
involved in these movements. Satisfies the University's  
area requirement in the humanities. 3 q.h.
- 92-010 Twentieth Century Art to 1945 (Add)  
808 Important movements in painting, sculpture, and  
architecture from 1900 to 1945, and the artists  
involved in these movements. Prereq.: Art 523  
and Junior standing. 4 q.h.
- 92-011 Special Topics in Art History (Add)  
791 Study in one of the many areas of art history.  
May be taken up to three times for credit if  
topic is not repeated. Prereq.: permission of the  
instructor or Sophomore standing. 4 q.h.
- 92-012 Twentieth Century Art from 1945 (Add)  
809 Important movements in painting, sculpture, and  
architecture from 1945 to the present, and the  
artists involved in these movements. Prereq.:  
Art 523 and Junior standing. 4 q.h.
- 92-013 Twentieth Century Art to 1925 (Delete)  
814 Important movements in painting, sculpture, and  
architecture from 1885 to 1925, and the artists  
involved in these movements. Satisfies the  
University's area requirement in the humanities.  
3 q.h.

COVER SHEET TO BE ATTACHED TO ALL REPORTS SUBMITTED TO THE ACADEMIC SENATE

Date November 25, 1991

Report Number (for Senate use only) 912-06

Name of Committee submitting report University Curriculum Division

Committee status: (elected chartered, appointed chartered, ad hoc, etc.) Appointed Chartered

Names of Committee members: Dr. Taghi Kermani (Chairperson)

Dr. Susan DeBlois, Dr. Robert Foulkes, Dr. Madeline Haggerty, Dr. Inez Heal,

Dr. Dennis Henneman, Dr. Harold Yiannaki

Please write a brief summary of the report which the Committee is submitting to the Senate: (attach complete report) The following proposals have been approved by University

Curriculum Division and circulated thru proper channels and there are no

objections.

Do you anticipate making a formal motion relative to the report? No.

If so, state the motion: \_\_\_\_\_

If there are substantive changes made from the floor in your committee recommendations, would the committee prefer that the matter be sent back to committee for further consideration? \_\_\_\_\_

Other relevant data: \_\_\_\_\_

  
Chair

Prepared by Curriculum Committee

- 92-001 Secondary Education (Delete)  
612 Reading Laboratory  
Designed for adult readers who wish to improve their reading rates, skills, comprehension, vocabulary, and study skills. Emphasis will be on the reading of technical materials and the utilization of contemporary reading machines to increase speed in reading. 3 q.h.
- 92-003 Counseling (Add)  
895 Counseling Workshop  
Selected topics related to prevention and intervention approaches in school and community settings. Designed primarily as continuing professional education, this course is not included in counseling degree programs. 1-4 q.h.
- 92-004 Mathematical and Computer Sciences (Change)  
617 Algebra for Elementary Teachers  
Basic ideas and structure of algebra including various strategies of problem solving. Preq.: MATH 516 or permission of instructor. 5 q.h.
- 92-005 Mathematical and Computer Sciences (Change)  
896 Mathematics Projects  
Individualized study of a topic mathematics culminating in a written report and an oral presentation. May be repeated once with the approval of the department chairperson. Preq.: 36 q.h. of mathematics applicable to the mathematics major including either MATH 722 or 752 2 q.h.
- 92-006 Mathematical and Computer Sciences (Change)  
845 Operations Research 1  
An introduction to operation research with emphasis on mathematical methods. Topics may include: linear programming, sensitivity analysis, duality theory, transportation problems, assignment problems, transshipment problems, and network problems. Preq.: MATH 725 or permission of instructor. 4 q.h.
- 92-007 Mathematical and Computer Sciences (Add)  
846 Operations Research 2  
A continuation of MATH 845. Topics may include integer programming, advanced linear programming, nonlinear programming, dynamic programming, queuing theory, Markov analysis, game theory, and forecasting models. Preq.: MATH 743 and MATH 845 or permission of instructor. 4 q.h.
- 92-008 Mathematical and Computer Sciences (Add)  
893 Computer Science Internship  
An academic/industrial experience during which the student works as part of a Data Center's programming group for a quarter. The student intern will be employed for at least 20 hours per week. Each student will have a faculty advisor and an industrial advisor who will periodically review the student's work as an intern. A written report on the internship must be submitted by the student. For a computer science major, internship hours may be applied only to the technical electives requirement. May be repeated once with permission of the department chairperson. Preq.: 24 quarter hours of computer science including CSCI 705 and permission of the department internship supervisor. 2-5 q.h.

COVER SHEET TO BE ATTACHED TO ALL REPORTS SUBMITTED TO THE ACADEMIC SENATE

Date January 21, 1992 Report Number (for Senate use only) 912-07

Name of Committee submitting report UGC-Academic Programs Division

Committee status: (elected chartered, appointed chartered, ad hoc, etc.) \_\_\_\_\_

Appointed, Chartered

Names of Committee members: L. Harris (Allied Health), A. Stocks (Economics), Rama

Krishnan (Mgmt), M. Siman (Elec. Engineering), L. Hopkins (Music), G. Sutton

(Engineering), J. Feist-Willis (Elem. Education/Reading), J. Holovatyk (Student gov't)

Please write a brief summary of the report which the Committee is submitting to the Senate: (attach complete report) 1) Approved mathematics hour requirement increases from 50 to 52q.h.

for the A.B. in Mathematics and the B.S. in Education Degree. Total degree require-  
ments will not change due to flexibility in elective areas. 2) Agreed to make  
motion regarding academic minors.

Do you anticipate making a formal motion relative to the report? Yes

If so, state the motion: To recognize the academic minor as a formal academic unit by:

1) Having the academic minor recorded on the final transcript beginning FALL 1993; and

2) Only minors submitted to the UCC-Academic Programs Division for approval will be  
eligible to meet university requirements for an academic minor.

If there are substantive changes made from the floor in your committee recommendations, would the committee prefer that the matter be sent back to committee for further consideration? YES

Other relevant data: \_\_\_\_\_

Dr. Louis H. Harris  
Chair



Academic Programs Division

PD#      Date Rec'd

Addition of a new program \_\_\_\_\_ (Complete B, C)

Deletion of an existing program \_\_\_\_\_ (Complete A, C)

Change in an existing program   X   (Complete A, B, C)

Program title B.S. in Ed., Sec. Ed. - Math Department Mathematical & Computer Sciences

A. Describe the requirements of the program as it currently exists. (Attach additional sheets if necessary.)

50 q.h. in mathematics to include Calculus (Math 571-674), Linear Algebra and Mathematical Statistics I (Math 725 and 743), Geometry (Math 730 or 830), sequences in Abstract Algebra and Analysis (Math 721-22 and 751-52) and 8 q.h. of upper division electives applicable to the mathematics major.

CSCI 610 is also required.

B. Describe the requirements of the proposed program. (Attach additional sheets if necessary.)

Increase the hours required in mathematics to 52 q.h. by requiring a mathematics project, Math 896. The other requirements described in part A remain unchanged.

C. Using many additional sheets as are necessary, provide a rationale and estimate how this addition/deletion/change of program will impact upon the resources of departments other than the one originating the form (e.g. enrollments, frequency of support-course offerings, staffing, budgets, equipment, duplicate courses, etc.).

The mathematics project benefits mathematics majors not only by giving them the opportunity for directed individual study in the subject but also by improving their technical communications skills, both oral and written.

The department's faculty can supervise the expected increase in projects with current staff. This change should not have an impact on the resources of any other department.

Signatures

Dept. Chairman Albert J. Klein 10/7/91 Dean David P. Ryzhik 1/21/92

Program Div. Sam H. Harris 1/15/92 Senate \_\_\_\_\_



Academic Programs Division

PD#      Date Rec'd

Addition of a new program \_\_\_\_\_ (Complete B, C)

Deletion of an existing program \_\_\_\_\_ (Complete A, C)

Change in an existing program   X   (Complete A, B, C)

Program title   A.B. in Mathematics   Department   Mathematical & Computer Sciences    
Secondary Education

A. Describe the requirements of the program as it currently exists. (Attach additional sheets if necessary.)

50 Q.H. in mathematics to include Calculus (Math 571-674), Linear Algebra and Mathematical Statistics I (Math 725 and 743), sequences in Abstract Algebra and Analysis (Math 721-22 and 751-52), and 12 q.h. of upper division major electives with at least 8 q.h. at the 800 level. CSCI 610 is also required. The minor may be in any discipline.

B. Describe the requirements of the proposed program. (Attach additional sheets if necessary.)

Increase the hours required in mathematics to 52 q.h. by requiring a mathematics project, Math 896. The other requirements described in part A would remain unchanged.

C. Using as many additional sheets as are necessary, provide a rationale and estimate how this addition/deletion/change of program will impact upon the resources of departments other than the one originating the form (e.g. enrollments, frequency of support-course offerings, staffing, budgets, equipment, duplicate courses, etc.).

The mathematics project benefits mathematics majors not only by giving them the opportunity for directed individual study in the subject but also by improving their technical communications skills, both oral and written.

The department's faculty can supervise the expected increase in projects with current staff. This change should not have an impact on the resources of any other department.

Signatures

Dept. Chairman Albert J. Klein 10/7/91 Dean B. J. Jozwiak 10/25/91  
\* Bill Jozwiak 11/5/91  
Program Div. Sam H. Harris 1/15/92 Senate \_\_\_\_\_

CB 10-24-91



# INTEROFFICE CORRESPONDENCE



---

To: Academic Programs Division

From: Randy Hoover, Chair, Secondary Education *RLH*

Date: January 15, 1992

Subject: **Change in A.B. in Mathematics Program**

The Department of Secondary Education strongly supports this program change. Secondary Education's understanding is that the addition of the mathematics project will serve mathematics education students with a specific opportunity to formally study the applications of selected mathematical principles, concepts, and ideas which comprise part of the secondary school curriculum as they are used in real world situations.

Through discussions between Dr. Albert Klein, Chair of Mathematical and Computer Sciences and Dr. Howard Pullman, Math Education Coordinator for the Department of Secondary Education, it is understood that mechanisms for a close working relationship between the two departments will be developed regarding requirements and execution of the program by secondary math/computer science education students.

RLH:jc

cc: Dr. Klein  
Dr. Pullman

*David Grayson  
Library*

YOUNGSTOWN STATE UNIVERSITY  
INTEROFFICE MEMO

*ACAD,  
SENATE*

TO: ALL FACULTY OF YOUNGSTOWN STATE UNIVERSITY  
FROM: KATHYLYNN FELD, CHAIR *Kathylynn Feld*  
SENATE ELECTION AND BALLOT COMMITTEE  
DATE: JANUARY 10, 1992  
SUBJECT: COUNTING OF THE VOTE ON THE MOTION:

THAT THE UNIVERSITY CONVERT TO THE EARLY SEMESTER SYSTEM WITH  
THE IMPLEMENTATION DATE TO BE ONE THAT WILL BE DETERMINED BY  
THE YSU ADMINISTRATION AFTER A SIX MONTH STUDY FOLLOWING THE  
PASSAGE OF THE RESOLUTION.

98 Senate members eligible to vote  
83 Valid and returned ballots

For the motion 29  
Against the motion 54

Tellers: Kathylynn Feld  
Martin Cola  
Jim Daly  
Les Hicken  
Nancy White

The ballots are available for inspection by contacting Kathylynn Feld,  
extension 1760, Allied Health Department.