



# University of Delaware

UNIVERSITY FACULTY SENATE  
301 HULLIHEN HALL  
NEWARK, DELAWARE 19716

(302) 451-2921

March 18, 1986

TO: All Faculty Members

FROM: Raymond A. Callahan, Vice President  
University Faculty Senate

*Raymond A. Callahan*

SUBJECT: Regular Faculty Senate Meeting, April 7, 1986

In accordance with Section IV, paragraph 6 of the Constitution, the regular meeting of the University Faculty Senate will be held on Monday, April 7, 1986 at 4:00 p.m. in room 110 Memorial Hall.

## AGENDA

I. Adoption of the Agenda.

II. Approval of the minutes of the Senate meeting of March 3, 1986.

III. Remarks by President Trabant and/or Provost Campbell.

IV. Announcements

1. Senate President Soles

Announcements for Challenge

1. Change in name of graduate major from "Mathematical Sciences" to "Mathematics." (Attachment 1)

2. Revision of existing major in American Studies. (Attachment 2)

3. Proposed changes in the professional education component for various Arts and Science education curricula. (Attachment 3)

V. Old Business

A. Report from Select Committee on Tenure Policy. (Attachment 4)

[Note: The report from the Library Committee on Senator Morgan's motion dealing with photocopying service in Morris Library will be brought to the Faculty Senate at the May meeting.]

VI. New Business

A. Recommendation from the Committee on Graduate Studies (Jeffrey Raffel, Chair) with the concurrence of the Coordinating Committee on Education (U. Carl Toensmeyer, Chair), for provisional approval of M.A. and Ph.D. majors in Criminology. (Attachment 5)

RESOLVED, that the Faculty Senate approves provisionally, for four years, the establishment of M.A. and Ph.D. majors in Criminology.

B. Recommendation from the Committee on Graduate Studies with the concurrence of the Coordinating Committee on Education, for permanent status of the Bachelor's Degree in Engineering/MBA and MA in Economics/MBA. (Attachment 6) [Provisional approval was given for four years in April 1979.]

RESOLVED, that the Faculty Senate approves and recommends to the Board of Trustees that the Combined Bachelor's Degree in Engineering/MBA and MA in Economics/MBA be granted permanent status.

C. Such items as may come before the Senate. (No motion introduced at this time may be acted upon until the next meeting of the Senate.)

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Attachments: Committee Activities Report

1. Request to change name of graduate major from "Mathematical Sciences" to "Mathematics"
2. Revision of existing major in American Studies
3. Proposed changes in the professional education component for various Arts and Science education curricula
4. Report from the Select Committee on Tenure Policy
5. Recommendation for provisional approval of M.A. and Ph.D. Major in Criminology
6. Recommendation for a permanent status for the Combined Bachelor's Degree in Engineering/MBA and MA in Economics/MBA

COMMITTEE ACTIVITIES REPORT

ACADEMIC APPEALS, COMMITTEE ON (Gordon Bonner)

One hearing--case completed.

BEVERAGE ALCOHOL, UNIVERSITY COMMITTEE TO REGULATE THE USE OF (Steven Hastings)

No items pending before the Committee.

GRADUATE STUDIES, COMMITTEE ON (Jeffrey Raffel)

1. Considering cross-listing and dual-listing courses.
2. Considering the offering of graduate courses by units without graduate programs.

INTERNATIONAL STUDIES, COMMITTEE ON (Mary Donaldson-Evans)

Forming policy regarding faculty sponsorship of non-University study-abroad programs.

NOMINATING COMMITTEE (Jerry Beasley)

Preparing slate of nominees for Senate election.

STUDENT LIFE, COMMITTEE ON (John Beer)

1. Investigating honor codes of other universities for possible use at Delaware.
2. Rewriting or reediting the Student Guide to Policies to apply as well to graduate students.

UNDERGRADUATE ADMISSIONS AND STANDING, COMMITTEE ON (William Ritter)

Reviewing undergraduate admission standards.

UNDERGRADUATE RECORDS AND CERTIFICATION, COMMITTEE ON (R. Dean Shippy)

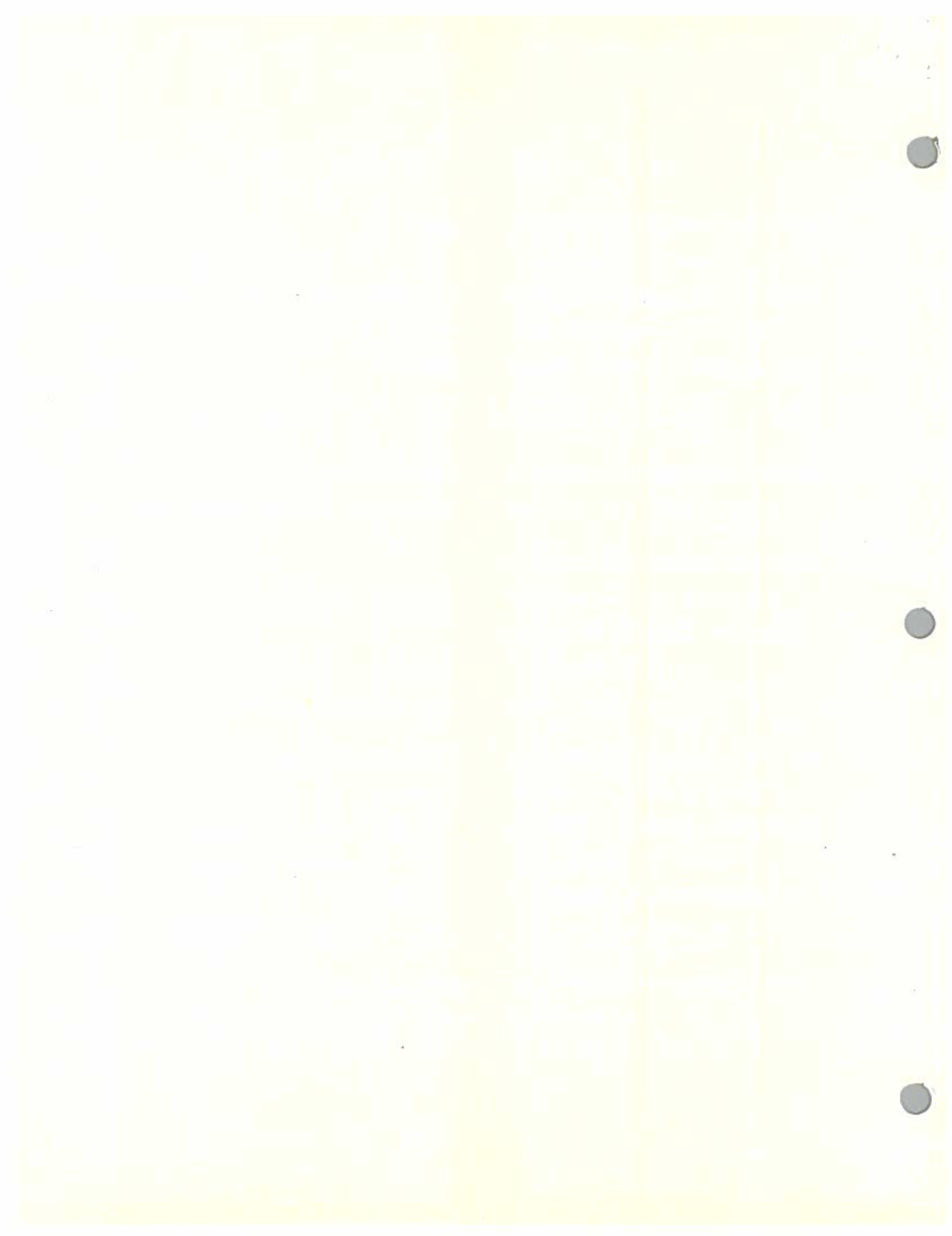
Committee will meet later this month to act on student petitions.

UNDERGRADUATE STUDIES, COMMITTEE ON (Robert F. Brown)

1. Reviewing proposals for new courses, course changes and deletions.
2. Discussing proposed revisions in various majors' requirements.

VISITING SCHOLARS AND SPEAKERS, SUBCOMMITTEE ON (Frank Dilley)

The Committee has exhausted its funds, but welcomes hearing about requests that you would have submitted. This might help us obtain a larger budget for the coming year.





# University of Delaware

Attachment 1  
March 18, 1986

OFFICE OF GRADUATE STUDIES  
234 HULLIHEN HALL  
NEWARK, DELAWARE 19716

(302) 451-2129

March 12, 1986

## M E M O R A N D U M

To : Dr. James R. Soles, President  
University Faculty Senate

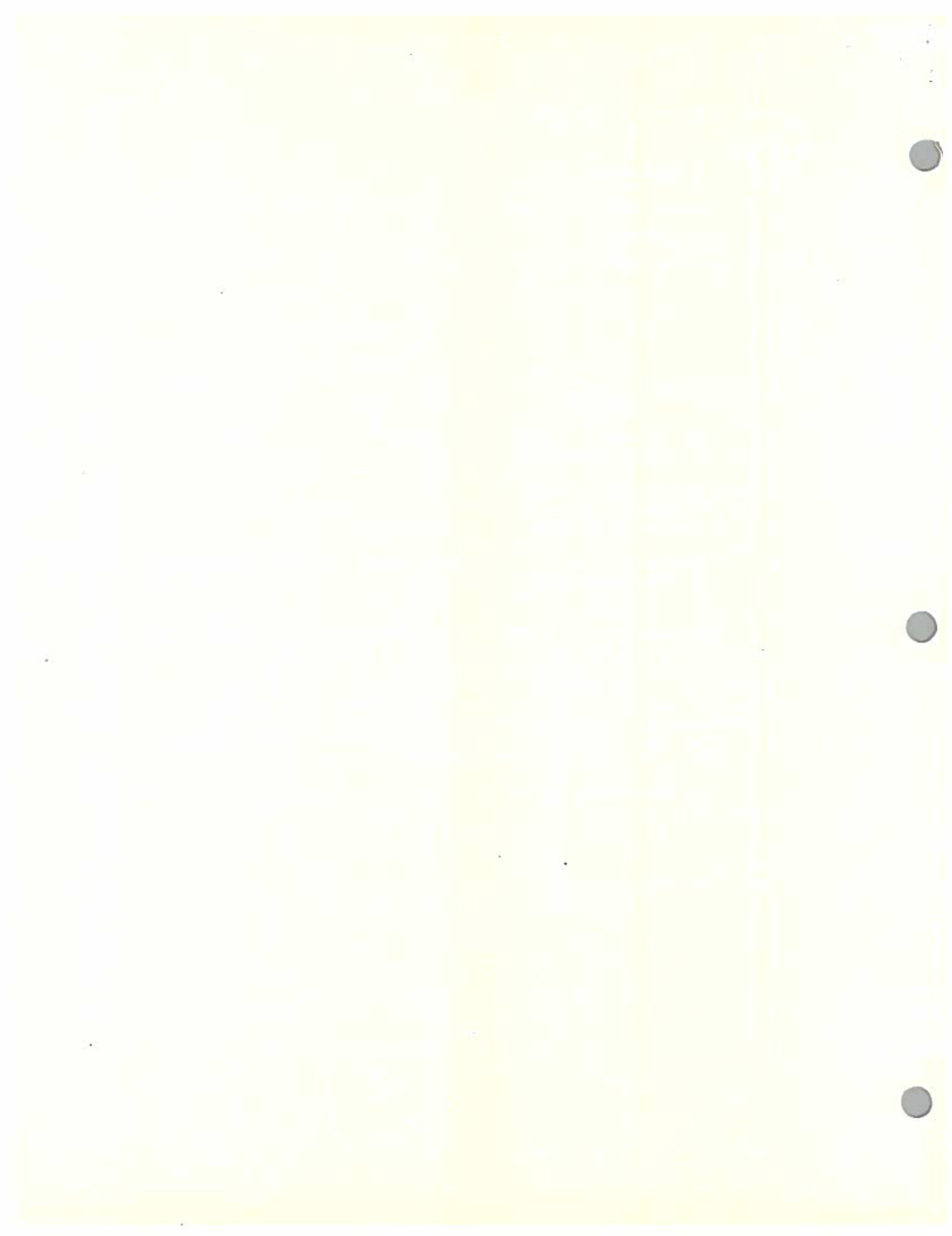
From: Richard B. Murray *RBM*  
Associate Provost for  
Graduate Studies

Re : Change in name of graduate major from "Mathematical Sciences"  
to "Mathematics"

On February 18, 1986, the Senate Committee on Graduate Studies unanimously approved a request from the Mathematical Sciences Department to change the name of the graduate major from "Mathematical Sciences" to "Mathematics". This request simply corrects an oversight that occurred some years ago when the name of the department was changed to Mathematical Sciences and the name of the major was improperly changed to Mathematical Sciences in University records and the graduate admissions system.

The correction of this error is submitted to the Senate for approval.

RBM/dhs  
cc: Dr. Ivar Stakgold



# Memorandum

January 2, 1986



TO: Educational Affairs Committee

FROM: Thomas H. Pauly, Director  
American Studies Program *Thomas H. Pauly*

PURPOSE: Reduction of the number of required credits for the major from its present 51 to 36.

## EXPLANATION FOR REDUCTION IN REQUIRED CREDITS FOR MAJOR

American Studies has been experiencing a slow, but relentless loss of majors for the past ten years. It currently has fifteen majors and is now approaching the point where the viability of the program is jeopardized. During the past two years of my directorship, I have been trying 1) to revise the program's course offerings so as to accord them with current cross listing policies, 2) to develop courses for our career conscious undergraduates that would give them unique preparation for jobs at museums and public service sites, and 3) to direct the program's introductory courses more at freshmen with undeclared majors. But so far I have been unable to reverse the decline in majors.

Had the rest of the humanities been experiencing a loss of majors, this decline would be quite understandable. But this has not been the case. Most humanities departments have healthy numbers of majors. Until recently, I suspected that our increasingly conservative undergraduates were simply gravitating to the traditional, well known majors. But recently I have come to believe that American Studies loses prospective majors to these other majors because it requires many more degree credits than the other Humanities. A major in History currently requires 30 hrs., English 36, German and French 30, Art History 36, and Political Science 33. Against this background of degree requirements in the 30-36 range, American Studies demands an astronomical 51. This strikes me as disproportionate -- unnecessary and self-defeating.

Of the 51 credits presently required, 9 are defined as "free electives." To my perception these courses do nothing to strengthen the major -- they simply add to the undesirable impression of hefty credit requirements.

Secondly, there is a requirement of 6 additional credits of "concentration" in one of four fields -- English, History, "Social Sciences," or "Arts" (see supplement #1). This "concentration," I believe, causes American Studies to become a variant major in one of these fields rather than a major unto itself. Consequently, I would propose that these be eliminated and an additional course in American Studies be added. This would have the effect of shifting the emphasis of the major to where it belongs - American Studies.



page two  
January 2, 1986

I would also like to reduce the requirement in the area of "Art" from six credits to three. Currently majors take Art History 217 (American Art) and one other from an approved list of possibilities. However, this list of choices is very short and involves so many courses that are seldom taught or debatably relevant that I would like to reduce the requirement to a three unit choice that would most probably be fulfilled with Art History 217. These changes would bring the degree requirements to 36 and place it on even footing with the other Humanities majors.

Finally, since all current American Studies courses are small enough to be considered seminars, I would like to eliminate the "seminar" and "seminar preferred" designations on American Studies courses. This has created needless headaches at checkout time for majors and myself. The numerous letters I've had to write arguing that this or that American Studies course was a "seminar" are ridiculous. Supplement #1 presents a diagrammed structure of the old curriculum. Supplement #2 presents a diagrammed structure of the new curriculum. Supplement #3 contains a current list of approved courses for the major's distribution requirements.

I sincerely hope that your committee will approve this proposal, for at this point I believe it is essential to the continued livelihood of the program.

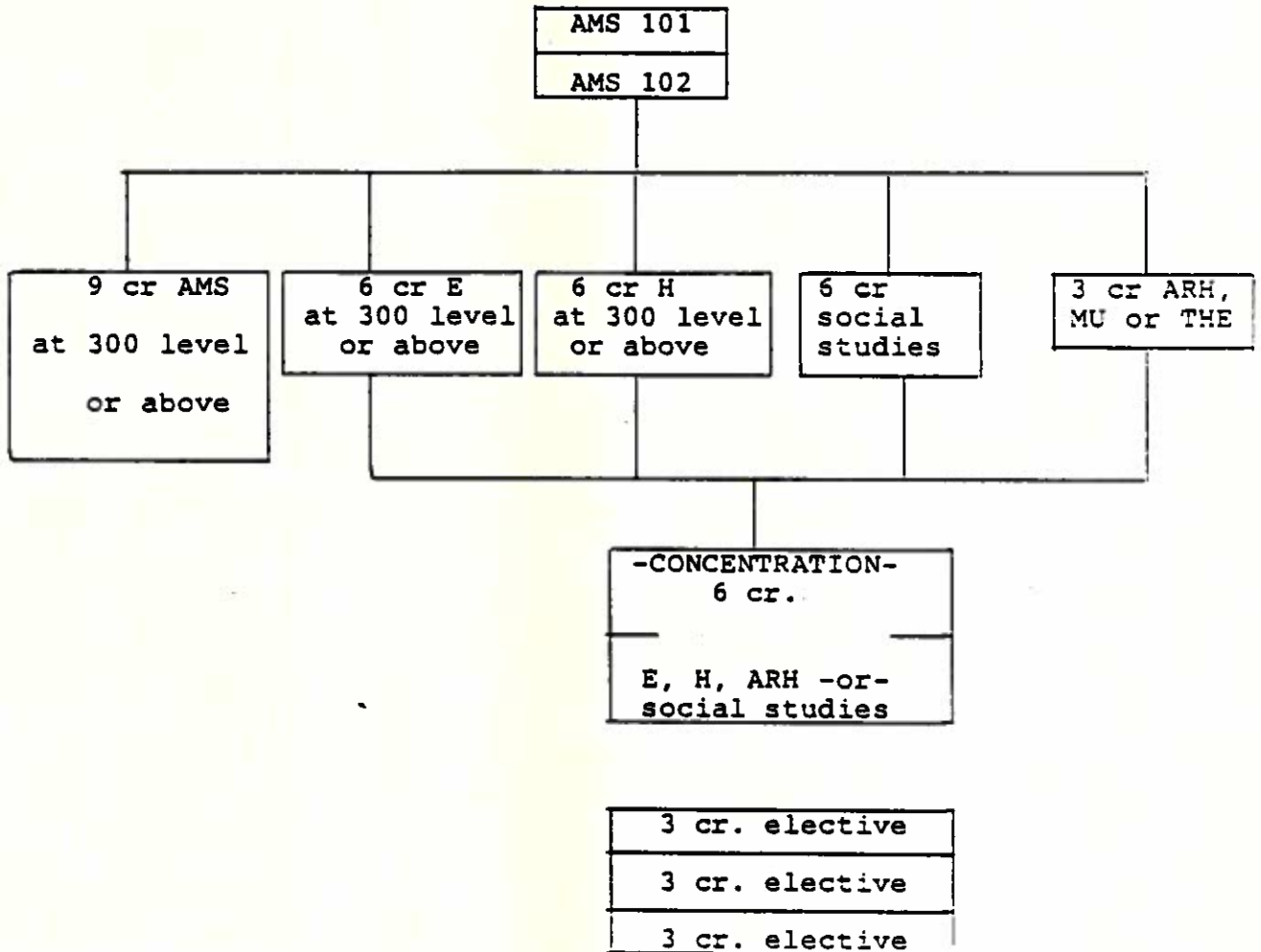
THP:rt



SUPPLEMENT #1

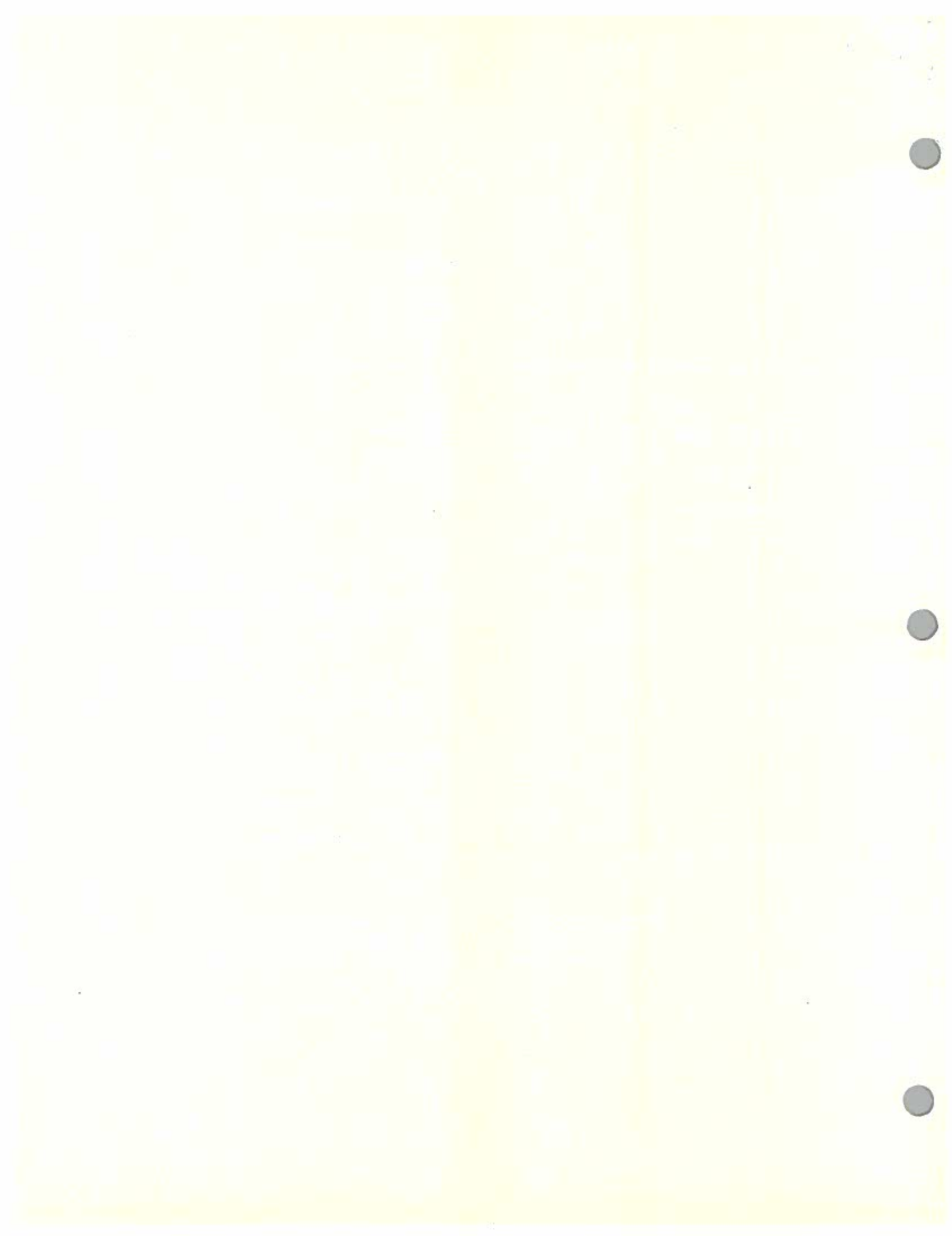
American Studies (Current Curriculum)

B. A. Curriculum Requirements



TOTAL HCURS: 51

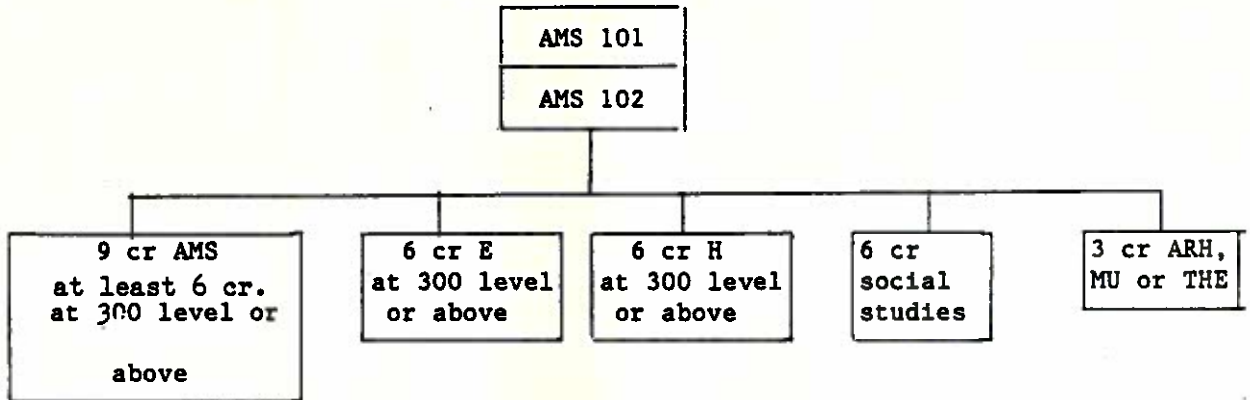
NOTE: All courses outside American Studies must be from the approved list or be approved in advance by the director.



SUPPLEMENT #2

American Studies (Proposed Curriculum Revision)

B. A. Curriculum Requirements



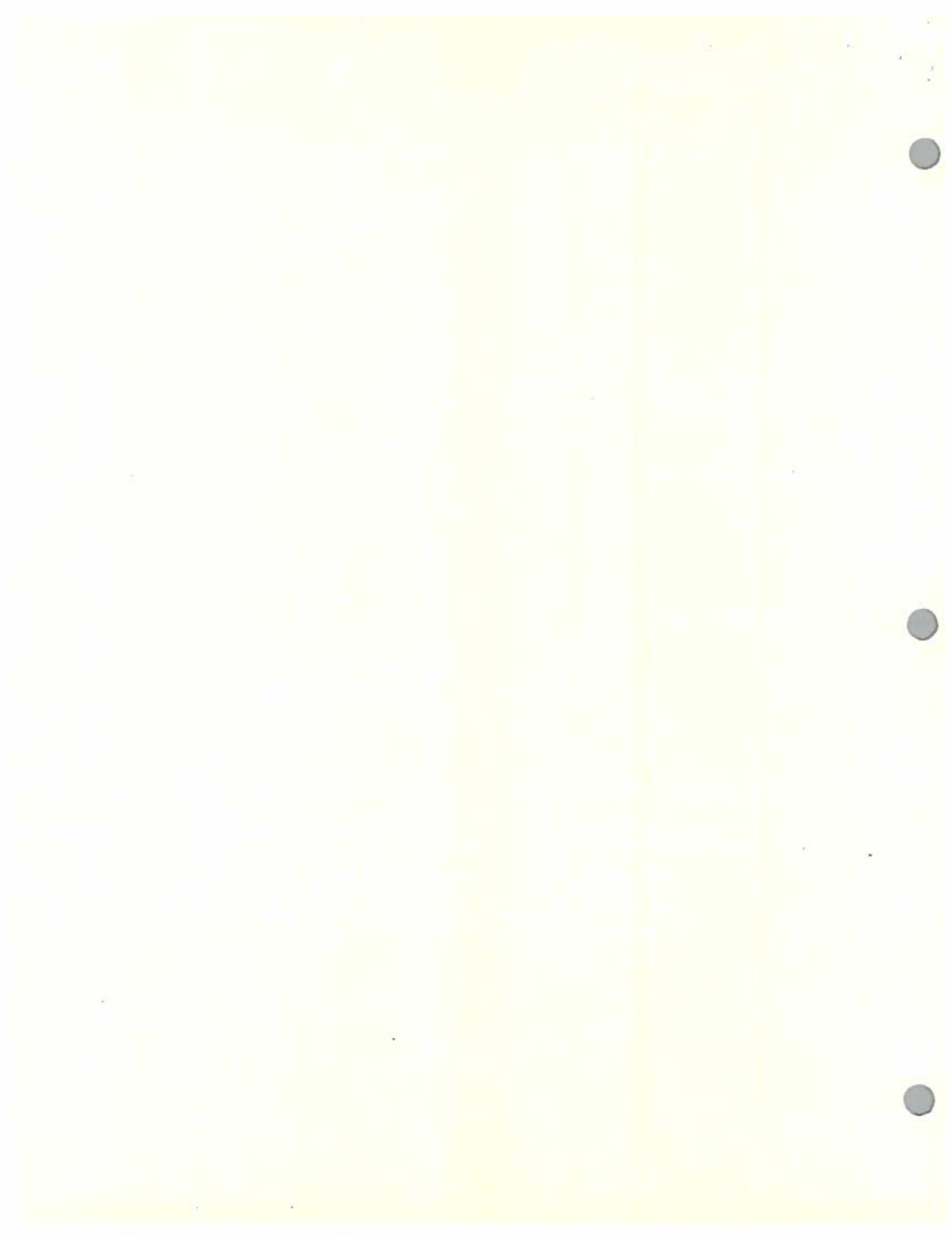
TOTAL HOURS: 36

Note: All courses outside American Studies must be from the approved list or be approved in advance by the director.

NOTE: Additional change made by the Committee on Undergraduate Studies.

Delete the following sentence from page 190 of the 1985-86 Undergraduate Academic Programs & Policies Catalog:

"With proper planning a conventional major may be taken concurrently with the American studies program, but no more than 21 credits counting in the American studies program may be applied toward the conventional major."



March 18, 1986

UNIVERSITY OF DELAWARE INTER-DEPARTMENTAL

**Memorandum**

January 21, 1986



**TO:** Milton Stetson, Chair  
Arts and Science Educational Affairs Committee

**FROM:** Joan DeFattore, Chair  
Arts and Science Coordinating Committee on Secondary Education

The Colleges of Arts and Science and Education have agreed on some changes in the professional education component of the Arts and Science programs leading to secondary school certification in Anthropology, Biology, Chemistry, Economics, English, French, Geography, German, History, Latin, Mathematics, Physics, Political Science, Psychology, Russian, Sociology, and Spanish; and to K-12 certification in Art and Music (Instrumental, Keyboard, and Voice). These changes involve courses in the Educational Development and Educational Studies Departments. Because of the number of departments involved, Deans Gouldner and Murray have agreed that the College and University Senate procedures should be handled by the Arts and Science Coordinating Committee on Secondary Education, within whose charge this type of activity falls. All of the departments involved, in both colleges, are represented on the Coordinating Committee.

- I. In all of the Arts and Science teacher education programs mentioned above, EDS 209 should be changed to EDS 301, and EDS 410 should be changed to EDS 302, to correspond with the Educational Studies Department's new numbering of these courses.
- II. In all of the programs mentioned above except Music Education, the students' present choice of EDS 147, 258, or 340 should be replaced by a single course, EDS 201, entitled Education and Society. The reason for this change is to replace the present choice of a course in historical, sociological, or philosophical foundations of education with a single course that combines all three approaches. In all three Music Education programs, EDS 201 should replace EDS 258. The purpose of this change is to replace the presently required course in sociological foundations of education with a course that combines sociological, historical, and philosophical foundations.
- III. EDS 461 should be eliminated as a requirement from the Social Studies Education programs (Anthropology, Economics, Geography, History, Political Science, Psychology, and Sociology), the Science Education programs (Biology, Chemistry, and Physics), and the Foreign Language Education programs (French, German, Latin, Russian, and Spanish), and EDD 322 should be eliminated from the Psychology Education program. The reason for eliminating EDS 461, Measurement Theory and Techniques for Classroom Teachers, is that the necessary material pertaining to tests and measurements, which is a sub-discipline of educational psychology, will be subsumed under the six credits of educational psychology (EDS 301 and 302) and the three credits of methods courses that are already required in all programs. This brings the Foreign Languages, Science, and Social Studies programs into line with the rest of the Arts and Science programs (Art, English, Mathematics, and Music) in the manner of handling this requirement for teacher certification.



The inclusion of EDD 322 as an alternative to EDS 461 in the newly approved Psychology Education program was a clerical error. The professional education component of this program should have conformed to the model of all of the other Social Studies programs.

- IV. One credit of upper-level reading instruction should be added as a requirement to the Anthropology, Biology, Chemistry, Economics, Geography, History, Mathematics, Physics, Political Science, Psychology, and Sociology Education programs. The reason for this addition is to bring the programs in Science, Mathematics, and Social Studies Education into compliance with a teacher certification requirement to the effect that future teachers should have some instruction in methods of teaching secondary school students to read. This requirement is already accounted for in the other Arts and Science teacher education programs.

cc: Dean Helen Gouldner  
Dean Frank Murray  
Arts and Science Coordinating Committee on Secondary Education  
Department Chairs

Summary of proposed changes in the professional education component of Arts and Science curricula leading to secondary school certification (Anthropology Education, Biology Ed., Chemistry Ed., Economics Ed., English Ed., French Ed., Geography Ed., German Ed., History Ed., Latin Ed., Mathematics Ed., Physics Ed., Political Science Ed., Psychology Ed., Russian Ed., Sociology Ed., and Spanish Ed.), or to K-12 certification (Art Ed., Music Ed.--Instrumental, Keyboard, and Voice).

OLD REQUIREMENTS	NEW REQUIREMENTS
<p>All curricula:            EDS 209                    3 cr.            EDS 410                    3 cr.</p>	<p>EDS 301                    3 cr.            EDS 302                    3 cr.            (course numbering changes)</p>
<p>All curricula <u>except</u> Music Ed.:            EDS 147, 258, or 340               3 cr.</p>	<p>EDS 201                    3 cr.</p>
<p>Music Ed. curricula:            EDS 258                    3 cr.</p>	<p>EDS 201                    3 cr.</p>
<p>All curricula <u>except</u> Art Ed.,            English Ed., Mathematics Ed.,            Music Ed., and Psychology Ed.:            EDS 461                    3 cr.</p>	<p>-----</p>
<p>Psychology Ed.:            EDS 461 or EDD 322    3 cr.</p>	<p>-----</p>
<p>Anthropology Ed., Biology Ed.,            Chemistry Ed., Economics Ed.,            Geography Ed., History Ed.,            Mathematics Ed., Physics Ed.,            Political Science Ed.,            Psychology Ed., Sociology Ed.:            -----</p>	<p>EDD 3xx: Instruction in            upper level reading 1 cr.</p>

Net change in professional education credit totals is a reduction by two credits for Anthropology Ed., Biology Ed., Chemistry Ed., Economics Ed., Geography Ed., History Ed., Physics Ed., Political Science Ed., Psychology Ed., and Sociology Ed. (with corresponding increase in free electives in each case). Net change for Mathematics Ed. is the addition of one professional education credit (with corresponding decrease in the free elective total). Art Ed., English Ed., and Music Ed. remain unchanged in professional education credit totals.





March 18, 1986

REPORT OF THE SENATE SELECT COMMITTEE ON TERMINATION

The Senate Select Committee on Tenure Policy was formed in November 1985 and charged "with studying the present University policy on tenure and the termination of tenure and recommending any changes that it may find necessary."

In the discharge of this responsibility the Committee reviewed the tenure policy statement of 17 American Colleges and Universities and consulted with appropriate colleagues at the University of Delaware.

Based upon our study and deliberations, the Committee places before the Senate the following suggestions for the restructuring and rewording of the University's policy on tenure termination found in the Faculty Handbook, III N-1.

The Select Committee developed without benefit of legal counsel the policies and procedures presented to the Faculty Senate for discussion. Those policies and procedures were developed in the spirit of what could be legitimately considered proper actions by prudent people. However, the Committee recognizes that the policies and procedures may have ill-defined or undesirable legal consequences to the University, the faculty member under review, or members of the review panel. Thus, the Committee recommends that the Faculty Senate thoroughly investigate and explicitly consider in its discussion and formulation of policies and procedures for the termination of tenured faculty the legal ramifications of those policies and procedures.

## Terminations

1. A clear understanding of the terms of the contract between the faculty member and the University is a prerequisite for a harmonious relationship. Tenure exists to protect the faculty members' rights to pursue knowledge and truth in their professional research, study, and teaching without fear of termination should their findings lead them to unpopular conclusions. Within the terms of his or her contract, a faculty member at the University of Delaware is assured that his or her tenure will be revoked only for adequate cause defined as:
  - professional incompetence
  - gross irresponsibility
  - moral turpitudeexcept for retirement because of age or termination caused by extraordinary financial circumstances.
2. [The Select Committee recommends that the Senate Committee on Faculty Welfare and Privileges consider developing a faculty code of conduct to define these three charges. The code of conduct would clarify the meaning and limits of acceptable behavior.]
3. The President shall inform a faculty member in writing of the administration's intention to terminate that individual. The President shall supply the faculty member with a written bill of particulars calling attention to the specific grounds on which the termination is sought. The

President may place the faculty member on temporary suspension with pay pending the outcome of the case only if the faculty member may be a danger to himself or herself or to other members of the University community. The President will then invite the faculty member to a private informal conference where the matter may be resolved.

4. If the matter cannot be resolved at this meeting, the President shall submit the formal charge with the bill of particulars to the faculty member's department or college (depending upon departmentalization) which acting either as a whole or through an appropriate subcommittee shall determine whether the seriousness of the charges provides sufficient grounds for a formal termination hearing. If the department or college votes that the charge is insufficient the President may appeal that decision to the University Committee on Promotion and Tenure which is authorized to make a final judgment regarding grounds for a termination hearing.
5. If the department or college committee or the University Committee on Promotion and Tenure finds the charges to warrant a hearing the faculty member will be afforded the choice of a public or private hearing. The hearing will take place as expediently as possible but no sooner than four weeks following the charge unless both parties agree. The panel shall consist of the Chairperson of the Senate Committee on Faculty Welfare and Privileges and two other

tenured faculty from that committee selected by the President of the Senate, and two tenured faculty of the University selected by the President. The Chairperson of the Senate Committee on Faculty Welfare and Privileges shall preside at the hearing.

6. The hearing will be conducted according to written procedures pre-determined by the Committee on Faculty Welfare and Privileges and supplied to both parties. The faculty member may choose to present a written rebuttal to the charges posed against him or her. At the hearing the faculty member shall have the opportunity to speak in his or her defense, to call upon witnesses to support his or her testimony, and to be advised and represented by persons of his or her own choosing. If the President has brought a charge of professional incompetence that charge must be supported by testimony of witnesses from other universities in the faculty member's field. Both sides shall have the opportunity to question all witnesses, and members of the hearing panel may question all who appear before them and may request to hear additional witnesses or to receive additional information relevant to the charges. A verbatim record will be kept of the proceedings, copies of which will be provided to the faculty member and to the President. The burden of proof will be upon the President to sustain the charge.

7. The hearing committee shall render its advisory decision to the President of the University within 14 days after the hearing. If the hearing committee sustains the charge and the President concurs in this judgment the termination shall become final.
8. If the findings of the hearing committee do not sustain the charge, and the President does not accept the Committee's findings, the faculty member may choose one of the following options:
  9. (1) If both parties agree the matter will go into binding arbitration. The panel shall consist of one tenured member of the faculty selected by the faculty member, one tenured member of the faculty selected by the President, and a member of the American Arbitration Association who shall preside. The panel shall consider only the substantive issues of the case and its decision will be final and binding on both parties.
  10. (2) A hearing before the Board of Trustees of the University of Delaware. Such an appeal may be heard by a select committee of the board and shall deal only with the substantive issues of the case.



Participating Faculty

Sociology/Criminal Justice Department

Professor

Chambliss, William J., Ph.D., Indiana, Criminology, Comparative, Sociology of Law  
DiRenzo, Gordon J., Ph.D., Notre Dame, Social Psychology, Personality & Social  
Systems, Social Psychiatry  
Dynes, Russell R., Ph.D., Ohio State, Social Organization, Sociology of Religion,  
Applied Sociology  
Inciardi, James A., Ph.D., New York, Criminology, Drugs, Criminal Justice  
Quarantelli, Enrico L., Ph.D., Chicago, Collective Behavior and Social Movement,  
Qualitative Methodology  
Rothman, Robert A., Ph.D., Purdue, Complex Organizations, Stratification,  
Occupations & Professions  
Scarpitti, Frank R., Ph.D., Ohio State, Deviant Behavior, Crime & Delinquency

Associate Professor

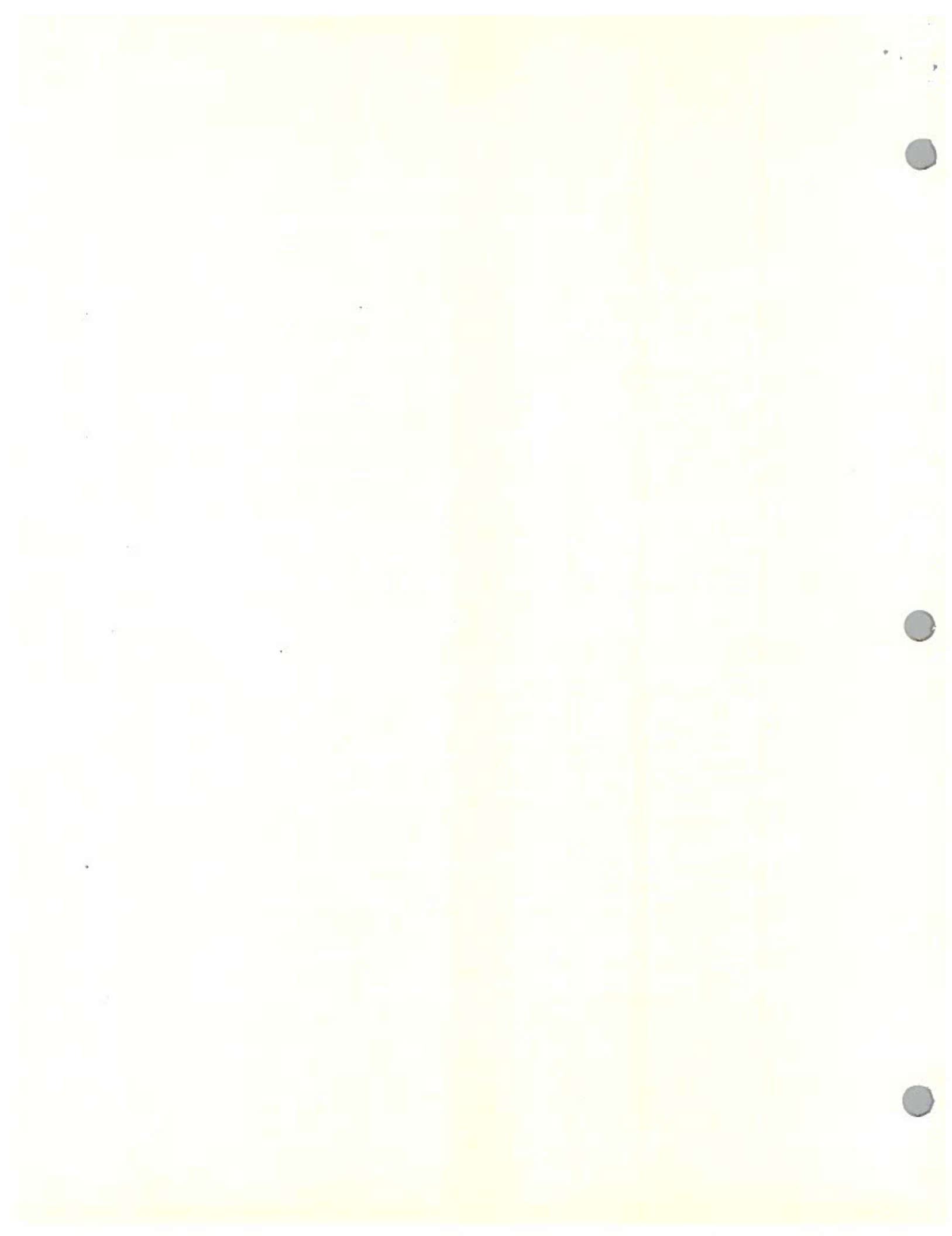
Andersen, Margaret L., Ph.D., Massachusetts, Race Relations, Theory, Sex Roles  
Bould, Sally, Ph.D., Bryn Mawr, Social Stratification, Work, Economic  
Davidson, Jeffrey L., Ph.D., Michigan, Urban, Welfare Institutions, Political  
Dynes, Wallace, Ph.D., Washington, Social Organization, Theory, Complex  
Organizations  
Eckhardt, Kenneth W., Ph.D., Wisconsin, Social Organization, Social Control  
Ermann, M. David, Ph.D., Michigan, Medical, Complex Organizations, Corporate  
Deviance  
Haas, Kenneth C., Ph.D., Rutgers, Criminal Justice, Public Law  
Hans, Valerie P., Ph.D., Toronto, Psychology & Law, Social Psychology  
Horowitz, Ruth, Ph.D., Chicago, Deviance, Urban, Field Methods, Delinquency  
Kelly, John K., D.P.A., New York, Criminal Justice, Public Administration  
Klaff, Vivian Z., Ph.D., Wisconsin, Demography, Human Ecology  
Klockars, Carl B., Ph.D., Pennsylvania, Criminal Justice, Criminology  
Turkel, Gerald M., Ph.D., California, Theory, Social Psychology, Knowledge  
Wenger, Dennis E., Ph.D., Ohio State, Urban Communities, Research Methods,  
Disaster Studies

Assistant Professor

McCutcheon, Allan L., Ph.D., Chicago, Methods, Political Sociology,  
Stratification  
Pettitway, Leon, Ph.D., Wisconsin, Race & Crime, Environmental Criminology, Arson

Instructor

Gulick, David, Ph.D., Sam Houston State, Corrections & Criminology, Sociology of  
Law  
Oliver, William, M.S., State University of New York at Albany, Criminal Justice





## Proposal for M.A. and Ph.D. Majors in Criminology

Department of Sociology  
University of Delaware

### 1. Background

During the past decade, the merger of Sociology and Criminal Justice, as well as the focusing of departmental recruiting, has made the criminology component of our department one of the top departments nationwide.<sup>1</sup> We have nine faculty members with interests in criminological areas, including many of national and international stature. Most of our graduates claim deviance/criminology as a major area of competence. Now, we are proposing to capitalize on our strengths by adding graduate majors in criminology to supplement our existing graduate program in sociology.

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<sup>1</sup>Support for that reputation comes from a number of sources. Of the twelve elected members of the Executive Board of the American Society of Criminology, (ASC), four are current faculty members at the University. Recently, both the President and the Secretary-Treasurer of the Criminology Section of the American Sociological Association, and the president of the ASC and the editor of its journal, were members of the Department. In addition, a recent study by Charles W. Thomas and Matthew J. Bronick, "The Quality of Doctoral Programs in Deviance, Criminology, and Criminal Justice," evaluated the top 36 doctoral programs (six in criminology/criminal justice and 30 located in departments of sociology), by measuring the quality of scholarly contributions through the Social Science Citation Index. On that basis, the faculty of the department ranked seventh among the 36 programs (only surpassed by Vanderbilt, Pennsylvania, Yale, California-Berkeley, Southern California, and SUNY-Albany). The authors point out the dynamic nature of the field, and the fact that many universities with "traditional" reputations fall lower in the rankings. They comment, "Examples of the Universities which appeared to be enjoying remarkable growth and development certainly include the University of Delaware, Vanderbilt University, the University of Florida, and, most recently, the University of Maryland." (Journal of Crime and Justice, (Vol. 12, pp. 21-37)

## 2. Need for the Program

In the past, our department has assumed that its graduate students would go into academic positions similar to our own. Because positions were available and we were successful in recruiting students, these assumptions were appropriate. Our Ph.D. graduates have had universal success in finding appropriate teaching positions. However, the job market for sociologists is already changing, and will change further, with fewer future openings in academic settings.

Other changes also have been occurring in the academic job market. The rise of Criminal Justice programs nationwide, with less than a dozen in the late 1960s, but several hundred today, has created many positions in these academic units. Though the growth of these units has slowed considerably in recent years, available estimates suggest that these units will continue to recruit actively.

Simultaneously, criminal justice agencies have recognized the need to professionalize their personnel through requirements for greater professional education. In those settings, a sociology degree is often less valued than a criminology degree.

For the above reasons, various local, state, and national agencies could be served by our proposed major in criminology. Within the region, although the University of Pennsylvania has a highly visible criminologist, this is essentially a one-man operation. The nearest programs that could effectively provide graduate criminology degrees of reasonable quality are at Rutgers, the University of Maryland, and SUNY (Albany).

### 3. Student Recruitment

Ph.D. students enrolled in the proposed criminology major would be placed in the same pool as sociology applicants, and would compete with them for admission and financial support. Hence, we do not premise this proposal on a specific number of entering doctoral students in criminology. We do expect that, because of employment opportunities and the reputation of our faculty, we will be able to improve significantly the overall quality of our graduate students. However, the department recently has been able to increase its support for graduate students from external grants to the Disaster Research Center. In 1985-86, this amounts to support for six new students. In addition, the new major concentration will allow better access to student research and pre-doctoral support from certain Federal agencies, such as NIJ, NIDA, etc. (See letter from Dean Gouldner, Attachment I).

M.A. students will be drawn primarily from law enforcement officers and others in the criminal justice system within Delaware. We do not anticipate these students to come in as great numbers or with as strong academic credentials as the Ph.D. students. On the other hand, these students in particular need the social science oriented focus provided by our program, they have valuable experiences, and they will not require additional classes which do not also serve Ph.D. candidates.

#### 4. Program Requirements

Program requirements would closely parallel those of our existing sociology major, with the following exceptions:

- Soc 835--Seminar in Criminal and Delinquent Behavior--would be required of M.A. candidates.
- Nine credits of sociology courses related to criminology would be required of M.A. candidates.
- Soc 835-836 would be required for Ph.D. candidates.
- Fifteen credits of sociology courses related to criminology would be required of Ph.D. candidates. Requirements are summarized in Table 1.

All other policies and procedures applicable to sociology graduate students (see Attachment II) would apply to criminology students as well.

Proposed M.A. and Ph.D. Requirements

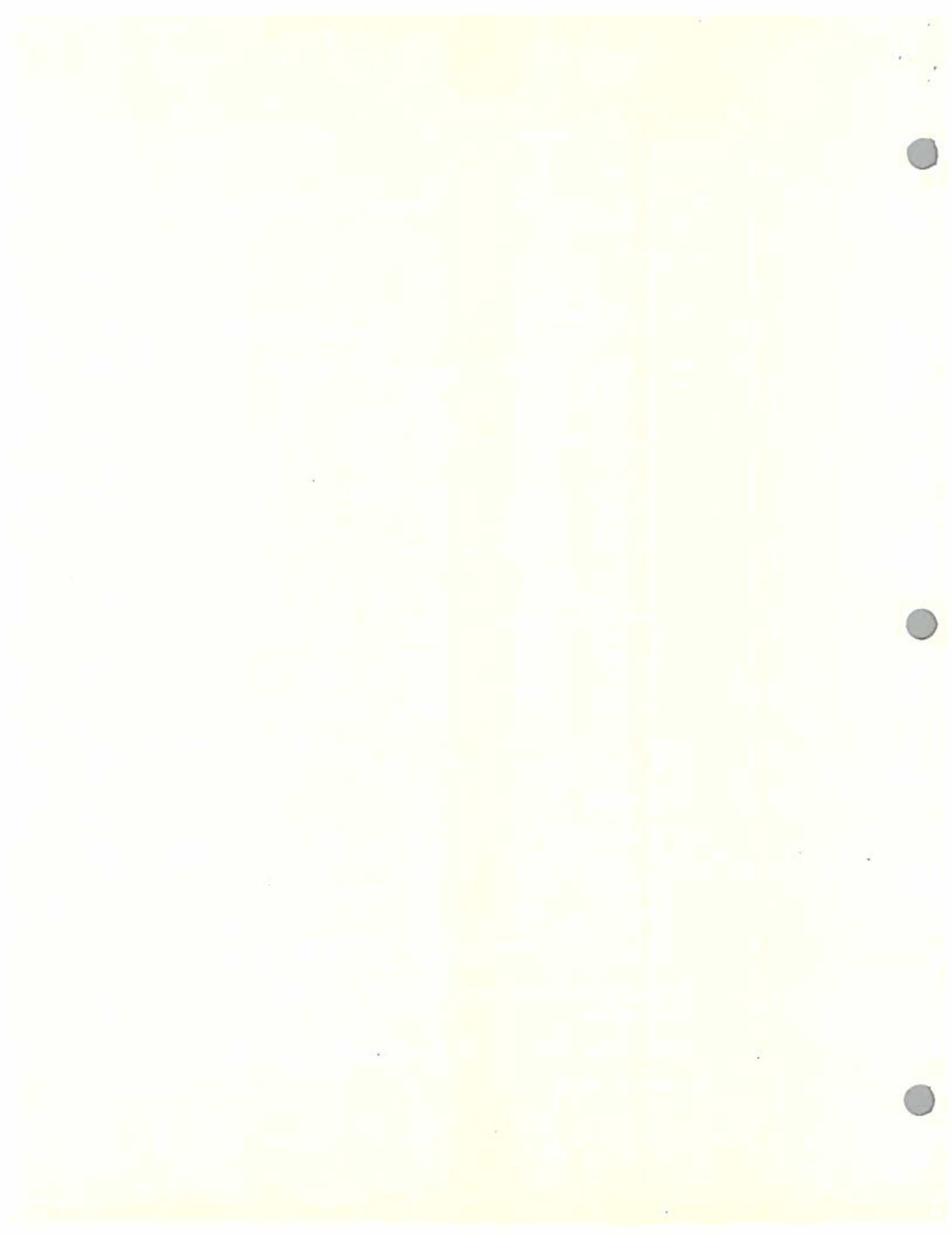
A. M.A. Requirements

- 1) 30 credits plus comprehensive exams in Criminology and Theory or Methods or 24 credits plus a thesis.
- 2) Required Courses:
  - SOC 605 - Data Collection
  - SOC 612 - Theory
  - UA 815 - Statistics
  - SOC 835 - Seminar in Criminal and Delinquent Behavior
- 3) Nine (9) credits must be taken from categories a and b, with at least one course selected from each group.
  - a. Criminal and Deviant Behavior
    - SOC 628 - Corporate/Government Deviance
    - SOC 621 - Social Deviance
    - SOC 836 - Seminar in Criminal and Delinquent Behavior
  - b. Criminal Justice and Legal Systems
    - SOC 655 - Law and Society
    - UA 624 - Seminar in Criminal Justice
    - SOC 6XX - American Legal Systems
  - c. Related Courses
    - These and other SOC/CJ seminars with limited enrollments could be offered to graduate students.
    - CJ 475 - Drug Use in American Society
    - CJ 437 - Seminar in Corrections
    - CJ 425 - Criminal Law and Social Policy
    - CJ 357 - Seminar on Police
    - SOC 6XX - Proposal Writing for Criminologists

(Note: The 400 level courses listed above will be phased in gradually to be dual listed at a 400/600 level.)

B. Ph.D. Requirements

- 1) As is the case with the Ph.D. in Sociology, there is no minimum number of credits, beyond the MA, required for the Doctoral degree. However, the following courses would be required:
  - SOC 813 - Origins of American Sociology
  - UA 815\*-816 - Statistics
  - SOC 605\*-606 - Methods
  - SOC 835\*-836 - Criminal & Delinquent Behavior
  - (\*605, 835 & 815 may have been taken at the MA level)
- 2) At least 15 credits from the courses listed in part 3 of the MA requirements.
- 3) Written comprehensive exams in Criminology and Theory or Methods.
- 4) Dissertation.



## 5. Faculty

No new full-time or part-time faculty or staff members would be needed to implement the proposed major. For the 1985-6 academic year, we will have nine members of our faculty with professional specializations relevant to a criminology Ph.D. major. Their vitas are included as Attachment III.

Additional courses required for the proposed major would be minimal because many of our students and courses already focus on this area. We anticipate two to three additional criminology-related courses per year. That small increment can be obtained by the efficiency gained by longer term planning. Scheduling courses on alternate years, dual listing existing courses, the greater involvement of CJ faculty and the involvement of new faculty.

## 6. Costs

Costs for the proposed major are minimal because it essentially builds on our existing criminology strengths and provides a more appropriate label for what we already teach to many of our graduate students. Hence, no new faculty, graduate student support, supplies, administrative services, space, or equipment would be needed. We expect to spend approximately \$1000 advertising the new major (along with our existing programs) with funds from either the dean or the department's overhead budget.

Similarly, no additional library resources would be required.

## 7. Other Units

Informal discussions indicate that this program might eventually permit coordination of efforts with the Program in Public Administration, but at this writing, a formal agreement would appear premature.

8. Summary

At no significant costs, the Sociology Department can gain important benefits from offering graduate criminology degrees. Hence, we request approval to initiate MA and PhD criminology programs, for the following reasons:

- recruitment of good students would be aided by combining the strengths of our Criminal Justice and Sociology faculties, and by the perception of some prospective students that a degree in criminology would be more marketable than one in sociology.
- training of students would be improved by creation of a focused program of specialization, and by enhanced involvement of the Criminal Justice faculty in the graduate program.
- placement of students after graduation would be enhanced by the strength of the criminology faculty, and a "criminology" designation of the degree.





# University of Delaware

MASTER'S PROGRAM IN PUBLIC ADMINISTRATION  
Co-sponsored by the College of Urban Affairs and Public Policy  
and the Department of Political Science  
NEWARK, DELAWARE 19716

(302) 451-2394

**MEMORANDUM:**

**TO:** Carl Toensmeyer  
Chair, Coordinating Committee on Education

**FROM:** Jeffrey A. Raffel  
Chair, Graduate Committee

**SUBJECT:** Permanent Status for Two Programs

**DATE:** January 28, 1986

At its January 21, 1986 meeting, the Committee on Graduate Studies unanimously recommended that the program leading to a Bachelor's Degree in Engineering/MBA and the M.A. in Economics/MBA be granted permanent status. I have enclosed material for the Coordinating Committee's consideration of these two programs.

Thank you for your help in this matter.

JAR/mlr  
enclosure

cc: Robert B. Barker, Administrator, MBA Program  
Jon H. Olson, Associate Dean, College of Engineering  
James L. Butkiewicz, Associate Dean, College of Business and Economics  
R. B. Murray, Associate Provost for Graduate Studies  
Faculty Senate Office



# University Of Delaware

OFFICE OF GRADUATE STUDIES  
234 HULLIHEN HALL  
NEWARK, DELAWARE 19716

(302) 451-2129

December 9, 1985

## MEMORANDUM

To : Committee on Graduate Studies

From: Richard B. Murray  
University Coordinator for  
Graduate Studies

Re : Permanent Status for Combined Bachelor of Engineering/MBA  
Program

This program was approved in provisional status in 1979 and is overdue for review for permanent status. It does not seem necessary to bring in an external consultant in this case as the program is not a "new" program. It is a combination of two programs that have permanent status, permitting well qualified students to complete an Engineering bachelor's degree and an MBA degree in 11 semesters rather than 12.

The requirements include EC 152 as an undergraduate, 12 credits in BU and EC courses in the senior year (in place of electives), 36 credits in ACC, BU, and electives in the 1 1/2 graduate years; see attached page of requirements, also sample schedule.

The number of students that have gone through the program is small, and is expected to remain small; see attached list.

Continuation of the program in permanent status is endorsed by the College of Engineering and the College of Business and Economics.



# University of Delaware

COLLEGE OF ENGINEERING  
NEWARK, DELAWARE 19716  
OFFICE OF THE DEAN  
PHONE 302-451-2401

## MEMORANDUM

TO: Richard B. Murray  
Coordinator, Graduate Studies

Robert B. Barker  
Administrator, MBA Program

FROM: Jon H. Olson *Jon H. Olson*  
Associate Dean

DATE: July 23, 1985

RE: Combined MBA-Engineering Program

This memo contains a description of the revised MBA-Engineering program. The program has been producing about one student per year recently, surely low enough to be classified as "by special arrangement," but in our opinion high enough to continue the program in a formal fashion.

The description is short and the example curriculum should indicate to the perceptive reader the need to plan the program in advance carefully. The successful combined degree student generally is well aware of these potential pitfalls.

Please call if you have any questions.

hd  
Encl.

RECEIVED

JUL 31 1985

GRADUATE OFFICE

STUDENTS

<u>Student</u>	<u>Degrees</u>	<u>Date Conferred</u>	<u>GPA</u>
1.	MBA	6/82	3.200
	BME	6/81	3.199
2.	MBA	12/82	3.333
	BEE	12/81	3.607
3.	MBA	6/83	3.794
	MEE	12/83	3.794
	BEE	6/79	3.026
4.	MBA	6/84	3.500
	BME	12/82	3.022
	<u>Current Student</u>		
5.	BCE	6/85	3.427

POSITIONS HELD BY GRADUATES

1. Senior Engineer, Chestnut Run Plant,  
Du Pont Company.
2. Test Engineer, Commandor Company,  
West Chester, PA
3. Research Engineer, Harris  
Semiconductor, Palm Bay, Florida
4. Supervisor Quality Control  
Morton Thiokol, Elkton, MD

RBM/dhs

COMBINED BACHELOR OF ENGINEERING/  
MASTER OF BUSINESS ADMINISTRATION PROGRAM

The Colleges of Engineering and Business and Economics offer a joint program leading to the Bachelor of Engineering degree and the Master of Business Administration degree. By careful planning of course selection, students in the program are able to complete all requirements for both degrees in five and a half years, rather than the normal six years. The Engineering degree may be earned in any of the four departments of the College, and it is granted at the end of the fourth year of the program. Although it is possible to withdraw at the end of the fourth year, students are expected to demonstrate a strong commitment to complete the MBA at Delaware.

Since the MBA degree is a graduate degree, only those students who show early potential for successful graduate-level work are accepted into the program. Specifically:

1. An Engineering student must have an overall grade point index of at least 3.0, based on the first three semesters. Inquiry should be made to the Associate/Assistant Dean of Engineering by March 1 of the sophomore year. Provisional review is carried out jointly by the office of the Dean of Engineering and the College of Business and Economics.
2. Students apply for admission to the graduate portion of the program during the junior year. Application is made to the Office of Graduate Studies for admission into the MBA program. The Graduate Management Admission Test is taken in January of the junior year. A minimum score of 500 on the GMAT and an overall grade point average of at least 3.0 at the end of the junior year are required for consideration of provisional admission to the MBA program. Provisional admission is required for matriculation in graduate economics and business courses during the senior year.
3. The Engineering degree is granted upon completing all requirements at the end of the senior year. Provisional status in the MBA program then is changed to regular status.
4. The MBA degree is granted upon completing all requirements at the end of the eleventh semester with a grade point average of at least 3.0 in courses to be applied toward the MBA degree. (The work toward the MBA degree may be pursued part-time over a longer period of time.)

Notes:

1. Students in the program become eligible for graduate fellowships and assistantships upon completion of the Bachelor of Engineering degree.

2. Applicable fees are those for matriculated undergraduates for the first four years, and those for matriculated graduate students for the fifth and sixth years.

3. During the first four years, the student is assigned an advisor from the College of Engineering. For the senior year onward, an additional advisor is assigned from the College of Business and Economics.

4. Students should note carefully in the curriculum attached the selection and substitution of courses in the Engineering General Education Program courses.

5. All students will find it necessary to take at least one additional course at some time before the end of the fourth year. For illustrative purposes, that course is shown in the Winter Term of the fourth year.

6. No MBA courses are taken in the junior year.

hd  
7/19/85

(Sample Engineering MBA Program Schedule) FALL 1963-64  
**CIVIL ENGINEERING CURRICULUM**

FRESHMAN YEAR		Credits
First Term	Second Term	
General Chemistry, C 103	General Chemistry, C 104	4
Introduction to Engineering, EG 125	Critical Reading and Writing, E110 (GEP groups)	3
Engineering Graphics/Analysis, EG 132	Analytic Geometry and Calculus B, M 242	4
Analytic Geometry and Calculus A, M 241	General Physics, PS 207	4
General Education Program Group 1		15

SOPHOMORE YEAR		Credits
Analytic Geometry and Calculus C, M 243	Environmental Biology, B 321	3
Statics, CE 211	Strength of Materials, CE 212	3
General Computer Science, CIS 106	Materials Laboratory, CE 213	1
General Geology, GEO 107	Ordinary Differential Equations I, M 302	3
Introduction to Microeconomics, EC 151	General Physics, PS 208	4
(substitute GEP Group 2)	Introduction to Macroeconomics, EC 152	3
	(substitute GEP Group 2)	17

JUNIOR YEAR		Credits
Analysis of Structures, CE 301	Soil Mechanics & Geotechnics, CE 320	3
Dynamics, CE 311	Fluid Mechanics, MEC 305	3
Environmental Engineering, CE 331	Fluid Mechanics Lab, MEC 306	1
Material Science for Engineers, MET 302	Statistics for Engineering, ST 450	3
General Education Program Group 1	Technical Electives*	6
		16

SENIOR YEAR		Credits
Hydrology, CE 441 or Hydraulic Engineering, CE 442	System Design and Operation, CE 482	3
Transportation Engineering, CE 451	Technical Electives*	6
Technical Elective*	Macroeconomic Environment of the Firm, EC 552	3
Decision Support Systems, BU 830	(GEP Group 4)	
(substitute for CE technical elective)	Organization Behavior & Administration, BU 870	3
EC 551 Managerial Economics (GEP Group 3)	(substitute for E 410, GEP Group 4)	
		15

SENIOR YEAR WINTER TERM  
 CE Technical Elective\* 3 credits

Minimum Total Credits = 127  
 Actual Credits = 130

departmental policy on technical electives.

FIRST GRADUATE YEAR

<u>Credits</u>	<u>Credits</u>
Financial Accounting, ACC 551	3
Operations Administration, BU 860	3
Systems Behavior & Implementation, BU 873	3
Marketing Administration, BU 880	3
	<u>12</u>
Managerial Accounting, ACC 552	3
Social, Ethical, Legal, and Political Environment of the Firm, BU 840	3
Financial Administration, BU 850	3
Marketing Research, BU 881	3
	<u>12</u>

FINAL YEAR

Corporate Financial Analysis, BU 851*	3
Corporate Strategy, BU 890	3
Elective	3
Elective	3
	<u>12</u>

\*Portfolio Management, BU 852, may be substituted for BU 851.

Please note that a prospective student should make a trial schedule in order to have confidence that all of these courses can be scheduled.

hd  
7/24/85





# University of Delaware

7

OFFICE OF GRADUATE STUDIES  
234 HULLIHEN HALL  
NEWARK, DELAWARE 19716

(302) 451-2129

January 13, 1986

## M E M O R A N D U M

To : Committee on Graduate Studies

From: Richard B. Murray <sup>RBM</sup>  
Associate Provost for Graduate Studies

Re : Permanent Status for Program Leading to Double Degree:  
MA in Economics/MBA

This program was approved by the Senate on a provisional basis for four years beginning September, 1979. It is overdue for review for permanent status. It does not seem necessary to bring in an external consultant in this case as the program is not "new" in the usual sense. It is a combination of two programs that have permanent status that allows a student to receive both the MBA and the MA in Economics for a total of 57 graduate credits. The two degrees are awarded simultaneously.

This program is small and is expected to remain small. Lists of students who have completed the program and those currently enrolled are attached. The cost of this program is negligible. Permanent status is recommended by the Departments of Business Administration and Economics.

RBM/dhs

**BACHELOR OF ENGINEERING/MBA**  
 Revised Program  
 July 1985

<u>YEAR</u>	<u>COURSES</u>	<u>MBA CREDITS</u>
Sophomore	EC 152*	
Junior	ST 450, 555 or 650	
Senior	EC 551, 552 BU 830, 870	12
Full Graduate Year	Remaining Courses from Above  ACC 551 ACC 552 BU 840 BU 850 BU 860 BU 873 BU 880 BU 8B1	24
Final Semester	BU 851 BU 890 Elective Elective	12

NOTE: If possible, the courses should be taken in the above sequence.

- \* Although EC 151 (Micro Economics) is a pre-requisite for EC 152 (Macro Economics), it can be waived for students in the MBA program.
- \* EC 151 is normally taken by the engineering student in the first semester of the sophomore year and partially satisfies the student's General Education Program requirement. EC 151 is required for the Electrical Engineer. However, Mechanical and Civil Engineers may substitute a humanities course.

**RECEIVED**

DEC 5 1985

GRADUATE OFFICE



University  
of  
Delaware

RECEIVED

JAN 8 1986

GRADUATE OFFICE

COLLEGE OF BUSINESS & ECONOMICS  
OFFICE OF THE DEAN  
PURNELL HALL  
NEWARK, DELAWARE 19716

(302) 451-2551

January 7, 1986

MEMORANDUM

To :Dr. Richard B. Murray  
University Coordinator of Graduate Studies

From :James L. Butkiewicz  
College of Business and Economics

*James L. Butkiewicz*

Subject :MA/MBA degree

The College of Business and Economics would prefer that students in the MA/MBA program receive two degrees, with the understanding that requirements for both be completed before the degrees are awarded. Any student who requests that one of the degrees be awarded will no longer be allowed to complete the combined program. Such a student could earn the other degree under the requirements for that particular degree.

cc :Eric Brucker  
Larry Donnelley  
Jim Krum  
Bob Barker  
Ken Lewis

*Memorandum*



**DATE:** January 13, 1986  
**TO:** R.B. Murray, Coordinator  
Office of Graduate Studies  
**FROM:** Robert B. Barker  
College of Business and Economics  
**RE:** MA/MBA Program

The departments of Economics and Business Administration offer a joint program leading to the Master of Arts in Economics and Master of Business Administration degrees. Generally, students can complete the program in 2 1/2 years.

ADMISSION REQUIREMENTS

Only those students who demonstrate the potential for graduate-level work are accepted into the program. Each student must meet the entrance requirements which include the Graduate Management Admission Test (GMAT) and an acceptable academic index.

The admission criteria are based on the American Assembly of Collegiate Schools of Business (AACSB) standards. AACSB specifies that the applicant should have at least 950 points based on the formula:  $200 \times$  the overall undergraduate GPA plus the GMAT score.

The admission criteria employed at Delaware, however, exceed the minimum standards set by AACSB. The Admissions Committee currently requires an index of 1100 or better for regular admission status in this program.

Also, in accordance with AACSB standards, "at least 80 percent of the students newly enrolled annually" must meet minimum admission standards.

In admission cases where a GPA equivalent cannot be determined (e.g., a foreign transcript); the GMAT is waived (e.g., the applicant already holds a doctorate); or the admission index is under 950, students must be counted as "exceptions" and no more than 20 percent of the total can fall into this category. The Admissions Committee currently admits less than 5 percent as "exceptions" in a given academic year.

The intent of the departments in their evaluation of candidates is not to be totally inflexible. The Admissions Committee recognizes (in a professional degree program) that a reasonable variation in the application of the indices is logical--so long as the total of such variation does not violate the standards as specified by AACSB.



## DEGREE REQUIREMENTS

Based on a 4.0 system, the student must achieve a grade-point average of 3.0 averaged over fifty-seven credits of graduate courses (see course requirements attached). The time limit for completion of the program conforms to university standards of 10 semesters or five years. No comprehensive examination is required for the MBA degree, but one in microeconomics, macroeconomics, and econometrics is required for the MA in Economics. Approximately 75 percent of the MA students in economics pass this exam on the first attempt; the others are asked to retake the exam.

The joint program requires each student to write a three-credit research paper in economics (EC 868 Research). The student has an advisor and two additional readers from the full-time faculty. The student is expected to demonstrate an ability to read, organize and extend the work of other economists.

The absence of a thesis is indicative of the applied nature of the program. AACSB standards specify that an MBA program should be broad in nature and aimed at general competence for overall management. The basic orientation is to provide an integrative experience in the professional areas of business management. Many business schools throughout the country do not require a thesis for the MBA but rather expect an integrative experience in course offerings -- particularly in cap-stone courses such as BU 890 (Corporate Strategy). These courses require integrative analysis of corporate operations providing the opportunity to evaluate the student's overall progress as well as a mechanism for continued evaluation of the program itself.

### **Waiver of MBA courses**

Up to four BU courses in the "common body of knowledge" may be waived for a student with an undergraduate degree in business administration and/or a significant amount of undergraduate course work in one or more of the following areas: (1) financial administration, (2) operations administration, (3) organizational behavior and administration, (4) marketing administration, and (5) financial administration. This student may complete the MBA program with less than the 48 credits required of students with no prior background in business administration.

Students who meet the criteria in A and/or B below must petition the MBA Director in writing for a reduction of credit hours.

- A. If the student has taken six to nine undergraduate credit hours in any of the following areas: financial administration, operations administration, organizational behavior and administration, or marketing administration, the requirements for the corresponding MBA course--BU 850, BU 860, BU 870 or BU 880--may be waived.
- B. If the student has taken 12 credit hours in accounting (to include intermediate accounting), the Accounting 551 requirement may be waived.

### **Course Substitutions**

If a student has had a significant amount of course work in accounting and/or economics, the following substitutions of advanced graduate courses may apply:

**Accounting 551 and 552:** A student who has taken the equivalent of ACC 207 and ACC 315 will normally take ACC 810, Theory of External Reporting, in lieu of ACC 551. If a student has taken the equivalent of ACC 208 and ACC 327, that student will normally take ACC 811, Advanced Management Accounting, in lieu of ACC 552. An exemption from these course substitutions may be granted by the MBA Director.

To waive or substitute a required graduate course, the student must have earned a grade of B or better and must have completed the undergraduate courses in question within five years prior to the date of admission to the program.

Sample Program

<u>1st semester</u>		<u>2nd Semester</u>			
<u>Year 1</u>					
Courses	Credits	Courses	Credits		
EC 801	Microeconomic Theory	3	EC 802	Macroeconomic Theory	3
ACC 551	Financial Accounting	3	BU 850	Financial Administration	3
BU 830	Decision Support Systems	3	BU 860	Operations Administration	3
BU 870	Organizational Behavior and Administration	3	BU 880	Marketing Administration	3
	Total		Total		12

<u>Year 2</u>						
Courses	Credits	Courses	Credits			
ACC 552	Managerial Accounting			BU 840	Social-Ethical-Legal- Political Environment of the Firm	3
BU 873	Systems Behavior and Implementation	3		BU 881	Marketing Research	3
BU 851	Corporate Financial Analysis*	3		BU 890	Corporate Strategy	3
EC ___	Elective	3		EC ___	Elective	3
	Total		Total		12	

\*BU 852 (Portfolio Management) or BU 855 (Financial Institutions and Markets) may be substituted for BU 851.

Year 3 (1st Semester)

Courses	Credits	
EC 822	Econometrics	3
EC 868	Research	3
EC ___	Elective	3
	Total	9

RBB:bew

cc: J. Butkiewicz  
K. Lewis  
J. Krum

Students Currently Enrolled in MA/MBA Program

Name	GPA(undergrad)	GMAT	Index	MA/MBA GPA	Grad Hours Completed
	3.39	500	1178	(new)	0
	3.52	510	1214	3.37	54
	3.30	530	1190	3.00	3
	3.75	660	1410	3.40	30
	3.33	465	1131	3.20	39
	3.59	590	1300	(new)	0
	2.56	580	1092	3.66	15
	2.92	650	1234	3.25	12
	2.03	730	1136	(new)	0
	2.87	610	1185	3.50	54
	3.23	530	1176	(new)	0
	2.83	450	1016	3.50	6

Graduates

	3.53	717	1423	4.00
(currently at MIT - working towards Ph.D.)	2.86	590	1162	3.67
(currently working for AMP Associates, Harrisburg, PA in the corporate planning department)	2.99	574	1172	3.14
(8/31/83)				



Required Courses Including Prerequisites

Total credits required: 57

Prerequisites:

M-221 and M-230 or M-555

ST-201 and ST-202 or ST-555

Intermediate Microeconomic Theory or  
its equivalent

Required and elective courses:

EC 801 Microeconomic Theory  
EC 802 Macroeconomic Theory  
EC 822 Econometrics  
EC 868 Research  
EC — Elective  
EC — Elective  
EC — Elective

ACC 551 Financial Accounting  
ACC 552 Managerial Accounting  
  
BU 830 Decision Support Systems  
BU 840 Social-Ethical-Legal-  
Political Environment of  
the Firm  
BU 850 Financial Administration  
BU 851 Corporate Financial  
Analysis\*  
BU 860 Operations Administration  
BU 870 Organizational Behavior  
and Administration  
BU 873 Systems Behavior and  
Implementation  
BU 880 Marketing Administration  
BU 881 Marketing Research  
BU 890 Corporate Strategy

\*BU 852 (Portfolio Management) or  
BU 855 (Financial Institutions and  
Markets) may be substituted for BU 851

100

