

UNIVERSITY OF DELAWARE
NEWARK, DELAWARE
19711

UNIVERSITY FACULTY SENATE
303 HULLIHEN HALL
PHONE: 302-738-2829

March 22, 1979

MEMORANDUM

TO: All Faculty Members

FROM: Reed Geiger, Vice President *Reed Geiger*
University Faculty Senate

SUBJECT: Regular Faculty Senate Meeting, April 2, 1979

In accordance with Section IV, paragraph 6 of the Constitution, the regular meeting of the University Faculty Senate will be held on Monday, April 2, 1979 at 4:00 p.m. in room 110 Memorial Hall.

AGENDA

- I. Adoption of the Agenda.
- II. Approval of the Minutes of the regular Senate meetings of February 5 and 12 and March 5, 1979.
- III. Remarks by President Trabant and/or Provost Campbell.
- IV. Announcements - Senate President Kleinman.
Minor in Anthropology (Attachment 1)
- V. Old Business
 - A. Recommendation from the Committee on Faculty Welfare and Privileges (R. Martin, chair) for establishment of a policy concerning suspension of faculty members. (This item was referred back to committee at the May 1, 1978 Senate meeting.)

RESOLVED, that the Faculty Senate approve the following
for inclusion in the Faculty Handbook:

SUSPENSION OF A FACULTY MEMBER

Suspension is the immediate mandated relief for appropriate cause from all or part of the professional responsibilities of a faculty member for a defined period. During suspension salary and benefits continue according to the Collective Bargaining Agreement.

A faculty member may be suspended only when his/her continued presence presents clear and imminent danger to him/her self or others.

Suspension is invoked by the dean of the individual's primary

academic unit. Notification of suspension is to be in writing, specifying (1) reason(s) for suspension, (2) restrictions (if any) regarding access to University facilities, (3) period of suspension (not to exceed ninety days), and (4) the hearing procedure.

The Senate Committee on Faculty Welfare and Privileges will conduct a hearing on the suspension, its duration, and any specific restrictions, within ten working days of the official notification, following the same procedures as are used in a termination hearing. The faculty member may waive his/her right to this hearing by so notifying the Faculty Welfare and Privileges Committee in writing.

Following the Committee's decision an appeal may be made to the Provost, in writing, within seven calendar days. The Provost has final authority to revoke or sustain the suspension.

- B. Recommendation from the Committee on Graduate Studies (A. Morehart, chair) for a change in graduate student registration policy. (This item, announced at the March Senate meeting, was the subject of sufficient debate that President Kleinman ruled it be placed on the present Agenda for further debate with approval subject to vote.)

RESOLVED, that the University Faculty Senate approve a change in the registration policy for graduate students wherein all graduate students must register for at least one departmental graduate credit in each fall and spring semester until the final requirements for a degree have been certified by the Office of Graduate Studies.

- C. Recommendation from the Committee to Regulate the Use of Beverage Alcohol (J. Kent, chair) to change the Faculty Senate Policy Concerning the Use of Alcoholic Beverages by Students. (See Attachment 1 of the March 5, 1979 Agenda; italics indicate proposed additions, brackets indicated proposed deletions. At the March 5 meeting the following amendments were made to the changes proposed by the Committee:

III. to read: Student violations of this policy shall be referred to the University Student Judicial System and/or civil authorities.

IV. to read: Individual transportation ("brown bagging") of alcoholic beverages is not permitted except in stadium parking areas on the days of home varsity football games.

VII. to read: Open social functions involving the consumption of alcohol which are held out-of-doors by any fraternity or sorority house or residence hall are not permitted unless approved by the Vice President for Student Affairs and Administration. Open social functions are defined as open campus events where an invitation is extended to all or a significant segment of the University members.)

RESOLVED, that the Faculty Senate approves the changes to the Policy Concerning the Use of Alcoholic Beverages by Students as recommended by the Committee to Regulate the Use of Beverage Alcohol.

- D. Recommendation from the Rules Committee (M. Sasser, Chair) to change the charge to the University Review Committee for Academic Complaints to resolve a conflict between the existing charge and the Collective Bargaining Agreement.

RESOLVED, that the Faculty Senate approves the following to replace the first sentence of the existing charge to the University Review Committee for Academic Complaints in the Faculty Handbook:

This committee shall have the sole purpose of serving at Step 3 of the Academic Complaint Procedure in hearing the case and rendering its advisory decision to the Vice President for Academic Affairs.

VI. New Business

- A. Recommendation from the Committee on Budget Review (M. Palley, chair) for approval of a resolution on state funding. (Resolution to be distributed separately.)
- B. Report and recommendation, from the Committee on Research (R. Gilbert, chair) for approval of a revised University Policy on Inventions. (Attachment 2)

RESOLVED, that the Faculty Senate approves the proposed revised University Policy on Inventions.

- C. Recommendation from the Committee on Committees (B. Settles, chair) for confirmation of the following committee appointments:

Performing Arts Subcommittee - D. Pressley, member (to replace T. Green)
N. King, member (to replace J. Symmons)

- D. Request from the Executive Committee (R. Kleinman, chair) to dismiss an ad hoc committee.

RESOLVED, that the Faculty Senate dismisses with thanks the ad hoc Committee to Study the University Promotions and Tenure Committee.

- E. Recommendation from the Committee on Undergraduate Studies (A. Thompson, chair) for final approval of a revised major in History.

RESOLVED, that the Faculty Senate approves the following new requirements for the major in History:

1. The revised thirty-hour major includes the following requirements:
 - a. H 101, 102 and 268;
 - b. Three credit hours in Ancient or Third World History;
 - c. Fifteen credits at the 300 level or above, with at least one of these courses at the 400 level or above;
 - d. Three credits, elective in History.
2. Advisement is mandatory for majors each semester.
3. Exceptions may be granted upon petition to the Undergraduate Studies Committee.

- F. Recommendation from the Coordinating Committee on Education (C. Toensmeyer, chair) for provisional approval of a Master's degree in Bilingual Education (attachment 3).

RESOLVED, that the Faculty Senate approves provisionally, for four years, the establishment of a Master's Degree in Bilingual Education.

- G. Recommendation from the Coordinating Committee on Education (C. Toensmeyer, chair) for provisional approval of a five-year combined degree program in Engineering and Business Administration (attachment 4).

RESOLVED, that the Faculty Senate approves provisionally, for four years, the establishment of a five-year combined degree program in Engineering and Business Administration (B.E./M.B.A.).

- H. Recommendation from the Committee on Student Life (N. Simons, chair) for approval of a new Student Government constitution (attachment 5).

RESOLVED, that the Faculty Senate approves the proposed new Student Government Constitution.

- I. Recommendation from the Executive Committee (R. Kleinman, chair) for the establishment of an ad hoc Committee to Evaluate the President of the University.

WHEREAS: Formal periodic evaluation of chief administrative officers is recommended by many higher education organizations, including the Association of Governing Boards of Universities and Colleges, the American Association of State Colleges and Universities, the American Association of University Professors, and the Carnegie Commission on Higher Education; and

WHEREAS: such evaluations serve the interests of the University community by clarifying institutional goals and measuring progress toward them, by generating constructive advice for improving University Administration, and by providing relevant information to the Board of Trustees for its decisions concerning the leadership of the University; and

WHEREAS: faculty participation in such evaluations is also recommended; and

WHEREAS: no such formal evaluation has been carried out during President Trabant's tenure in office; and

WHEREAS: the Board of Trustees has indicated willingness to consider seriously an evaluation initiated by the University Faculty Senate;

THEREFORE, BE IT RESOLVED:

1. that the Senate endorse the formation of an ad hoc committee to evaluate the effectiveness of the President of the University in the performance of his duties;
 2. that the ad hoc committee consist of past presidents of the University Faculty Senate;
 3. that the committee be empowered to select its chair, determine its operating procedures, formulate evaluation criteria, solicit input from all University constituencies and devise and employ appropriate instruments to elicit such input;
 4. that the committee seek to involve the President in the evaluation at appropriate stages and seek presidential input on a preliminary version of the evaluation prior to completion of the final report;
 5. that the University provide sufficient funds to engage an outside consulting firm to advise the committee, but that the committee carry out its evaluation regardless of the availability of such funds; and
 6. that within one year the committee submit its report to the President and the members of the Board of Trustees.
- J. 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.)

RGG/b

Attachments: Committee Activities

1. Minor in Anthropology
2. Revised University Policy on Inventions
3. Master's Degree in Bilingual Education
4. B.E./M.B.A. Degree
5. Student Government Constitution

Committee Activities

The following committee activities have been reported to the Senate Office during the Month of March.

Academic Ceremonies

Commencement plans proceeding well

Instructional Resources

Need for funds to build University's film library

Faculty Welfare and Privileges

Faculty involvement in decisions about drastic program reductions

Student and Faculty Honors

Excellence in Teaching Award
Francis Alison Award
Degrees with Distinction

Student Life

Revision of Student Rights and Responsibilities Statement
and Code of Conduct

Evaluation of users' satisfaction of the judicial system

MINOR IN ANTHROPOLOGY

Courses Required to Complete Minors Program

1. Total hours required: 18
2. Total courses required: 6
3. Courses required:
 - 6 hours at the 200 level
 - 12 hours at the 300-400 levels
4. Total hours and courses for students with no prior background:
 - Total maximum hours: 18
 - Total maximum courses: 6
5. The Anthropology Department does not require specific courses for majors but a number of hours by levels with emphasis in the higher levels where the courses are small and there is a great deal of individual attention.

Student Eligibility Requirements to Enter Program

1. Student classification: freshman, sophomore, junior, senior.
2. Minimum index:
 - a. over-all - 2.0
 - b. in specific areas: in major - 2.0
3. Permission of chairperson required

Other Considerations

The student interested in a minor in anthropology will have an interview with the chairperson. Depending on her/his interest the chair will assign the student to an advisor. The advisor will be responsible for degree checkout.

The major and minor will be reviewed at least every two years, as the department expects to teach all the courses in the catalog in a two-year cycle. The Department Affairs Committee will carry out a detailed evaluation, and will ask for faculty input in the maintenance or revision of such programs. The findings will then be brought up for discussion and vote in a regular department faculty meeting.

Summary Report

A Revised University Policy on Inventions

March 12, 1979

By: R. D. Varrin, University Coordinator for Research

A revised version of the University Policy on Inventions is presented for action by the University Faculty Senate. So far as practical the language of the present University Policy on Inventions has been retained. Substantive changes and rationale behind them are summarized below.

Modifications to University Policy on Inventions

1. The Inventor's share of income (after expenses) is reduced from one-half to one-third.
2. The Inventor's option provides front-end loading of \$5,000 which is equalized when total income after expenses reaches \$30,000.
3. The remaining two-thirds share of income is split one-third to the Office of Research and Patents and one-third to the appropriate Administrative Unit.
4. Administrative Units and the Office of Research and Patents must use income from inventions for research purposes. Several such purposes are listed as guidelines.
5. Inventors must report the circumstances surrounding the conception, but not the substance, of inventions conceived under terms of consulting agreements.

Rationale

The change in the division of income will (a) increase the number and quality of inventions, (b) provide better exploitation and protection on inventions, and (c) compensate the University for invention-related costs not recovered as expenses. The increased flow of inventions will result from the expansion and improvement of research facilities and higher ratio of support personnel made possible by increased funds available to the University from patents.

R. D. Varrin
March 12, 1979
Page Two

Expenses recovered from invention income do not include laboratory operating costs, services, investment charges, etc., which are provided for research which may or may not yield commercially valuable inventions. Since the potential inventor, successful or not, is thus underwritten by the University, the University share of income from inventions must be more nearly commensurate with the total expense involved.

In any case, all of the funds received by the Office of Research and Patents and Administrative Units must be allocated back into: research grants to faculty members, additional support personnel, increased release time for research, better equipment and facilities, more assistance in processing, protecting and exploiting patents, development funds and other qualified research activities or facilities.

UNIVERSITY POLICY ON INVENTIONS

AND

INTRODUCTION TO PATENTS

This brochure is divided into two parts. The first section presents the official University policy on inventions. The policy defines the procedures to be followed in reporting inventions, provides guidelines for defining the rights and obligations of interested parties with respect to such inventions, indicates means available for commercial exploitation, and options available in the distribution of license or other income.

The second section gives a brief introduction to patents, provides basic information on this subject, and answers some of the many questions which you may have as an inventor and potential applicant for a patent.

The Office of Research and Patents is prepared to provide assistance in the area of inventions and patents. Please feel free to call or visit us.

L. L. Campbell - Provost
R. D. Varrin - University Coordinator for Research
G. W. Walker - University Patent Consultant
H. J. McCauley - University Patent Consultant
C. H. Lemke - Staff Consultant

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STATEMENT OF POLICY GOVERNING THE DISPOSITION, OWNERSHIP
AND EXPLOITATION OF INVENTIONS

I. INTRODUCTION

The University of Delaware (hereinafter referred to as the University) is a state-assisted institution devoted to teaching, research, and other scholarly activities in the public interest.

The University faculty, staff, and students (hereinafter referred to as University personnel) as part of their normal scholarly activities carry on research which may be supported in whole, or in part, by the University from its own resources, by grants from or contracts with outside sponsors.

It is the purpose of this document to define and establish (a) the respective rights and obligations of the University and University personnel with respect to inventions made by any member of University personnel and (b) the administrative structure for processing patentable discoveries.

The intent of this policy is to serve the best interests of the public, the University and University personnel.

II. DEFINITIONS

- A. Invention as used in this policy means invention, discovery or new plant variety.
- B. Inventor as used in this policy means sole or joint inventors, discoverers, or plant breeders.
- C. Patent as used in this policy means a national patent grant, certificate of invention or certificate of protection under the Plant Variety Protection Act.

- D. Sponsor as used in this policy means any agency outside the University which supplies funds or facilities for research conducted under agreement with the University.
- E. Administrative unit as used in this policy means college, institute, school, department, center or other similar sub-division of the University.

III. OBJECTIVES

Among the principal objectives of the policy set forth herein are:

1. to provide the mechanism for placing in the public realm the fruits of research, while safeguarding the interests of the University, inventor, and sponsor;
2. to provide procedures by which the significance of inventions may be determined and the inventions brought to the point of commercial exploitation;
3. to provide adequate patent protection for inventions falling within the scope of this policy;
4. to establish principles for determining the rights of the University, inventor, and sponsor;
5. to provide greater incentive to creative intellectual effort by University personnel;
6. to assist the inventor in realizing tangible benefits from the invention;
7. to satisfy requirements of certain research grants and contracts; and

8. to provide a basis for establishment of institutional patent agreements with the federal government and other agencies,

IV. ADMINISTRATIVE RESPONSIBILITY

The administration of the principles and policies set forth in succeeding sections of this document is the responsibility of the Provost of the University. The Provost, however, has delegated day-to-day administration to the University Coordinator for Research, with the understanding that no departures from the stated principles of this policy will be made without the Provost's prior concurrence.

V. GENERAL PRINCIPLES

A member of University personnel who discovers or invents a device, product, plant variety, or method while associated with the University must cooperate with the University in defining and establishing the rights to such inventions. This obligation extends to any invention, whether or not made on University time or with or without utilization of University facilities. When an invention is made, the inventor shall promptly provide the University Coordinator for Research, or his designee, with a statement describing the circumstances under which the invention was conceived and reduced to practice, with particular attention to:

1. identifying the sponsor, if any, of the project or program;
2. stating whether the invention is within the inventor's normal activities and responsibilities with respect to his University employment;
3. indicating the extent to which equipment or physical facilities provided by the University were used in the work which led to the invention; and

4. indicating whether the invention was made under terms of a consulting agreement between inventor and client.

If it is determined by the Patent Committee (Sect. VIII-D) that the University has rights in an invention, the inventor agrees to assign all right, title and interest in and to said invention to the University in consideration of his employment remuneration and the compensation provided by this policy on inventions.

Inventions made by University personnel under terms of consulting contracts fall within the provisions of this Section V of the University Patent Policy. University personnel may not use University facilities for work related to consulting agreements without prior written approval of the appropriate deans. It is the responsibility of University personnel to advise potential consultation clients of their University obligations prior to entering into consulting agreements.

VI. RIGHTS AND OBLIGATIONS OF UNIVERSITY PERSONNEL WITH RESPECT TO INVENTIONS

A. Research Conducted Independently by University Personnel

Inventions resulting from research conducted wholly at the expense of the individual, without use of University laboratory facilities, equipment, or materials, and outside the scope of the individual's normal field of University activities and employment responsibilities, are the property of the individual, and the University undertakes no responsibility with respect to such inventions. In all such cases the Provost will agree in writing that the invention belongs in its entirety to the inventor to dispose of as the inventor sees fit.

At the sole option of the inventor and with the University's prior assent,

such inventions may be conveyed by assignment to the University, in order to permit the University to proceed in accordance with section VI-B, 2, below.

B. Research Financed with Funds Administered by the University or Which has Involved the Use of University Facilities, Equipment, or Materials, and in Which the University and the Inventor are the Sole Parties in Interest

Such inventions shall be promptly evaluated by the University Coordinator for Research for novelty and patentability, and then:

1. released to the inventor if found not to be of interest to the University or
2. if of interest,
 - a. referred to University counsel for patent filing or other disposition or
 - b. -referred to development agencies with whom the University has contracts to assess for commercial potential and
 - 1) if judged by the development agency to have sufficient commercial potential for development by them, the invention shall be assigned to them or suitably licensed for protection and exploitation or
 - 2) if judged by the agency not to have sufficient commercial potential for development by them, the invention shall be
 - (a) referred to the University counsel for patenting or exploitation by the University or, at the University's sole option,
 - (b) released to the inventor.

C. Research Financed Wholly or in Part by Government Funds

The University is obligated to report to the appropriate government agency all inventions derived from research which has had any financial support from the Government of the United States for determination of the Government's rights and interests. This determination may result in:

1. the Government's deciding that the public interest requires that the invention be disclosed in the open literature (in which case applicable patent action will be limited by publication dates), or
2. the Government acquiring and reserving to itself principal or exclusive rights, in which event exploitation of the invention rests with the Government, or
3. the Government releasing the invention to the University. In the latter event the University shall follow the procedures of paragraph VI-B.

Irrespective of which of these alternatives is elected by the Government, the Government usually retains rights to a royalty-free, nonexclusive, irrevocable license throughout the world under any patent or certificate of invention which may be issued on the invention, or to free use of the invention for Government purposes; and any rights to the invention granted by the University are subject to prior retained government rights. If the University releases the invention to the inventor, the release shall specify that the inventor agrees to convey to the University such rights as the University may need in order to fulfill its obligation to the Government.

D. Research Financed Wholly or in Part by Industrial, Philanthropic or Other Organizations, or by Individuals, Under Contracts or Written Agreements with the University

Rights with respect to inventions in this category are governed by the terms of the individual contracts or agreements, and the principal investigator is responsible for informing co-workers of their rights and obligations under such contracts or agreements before initiation of the research. Inventions which are not required to be assigned by contractual terms shall be processed and disposed of by the University under the procedures of paragraph VI-B.

VII. ARBITRATION OF DISPUTES

In the event the University and the inventor cannot agree with respect to any of their respective rights or obligations hereunder, such dispute shall be submitted for determination to an arbitration panel of three members chosen from the University community and having a member named by the inventor, a member named for the University by the Provost, and a Chair selected by mutual agreement of these two nominees. The decision of a majority of such panel shall be final and binding upon both the inventor and the University.

VIII. DIVISION OF INCOME

- A. Income received by the University from an invention shall be used first to reimburse the University for direct assignable expenses incurred in connection with the invention plus 15 per cent of the direct assignable expenses to cover overhead. Income which exceeds reimbursable expense shall be divided one-third to the inventor, one-third to the appropriate administrative unit and one-third to the Research Office. (See VIII-B, C, below.)

- B. As an option the inventor, at or prior to the time of filing of the patent application, may elect in writing to receive in annual payments, the first \$5000 of income after reimbursement of expenses as in VIII-A and thereafter participate in a division of income at the rates of 20% for the inventor, 40% for the Administrative Unit and 40% for the University until the total income after expenses shall equal \$30,000. All income beyond \$30,000, after expenses, shall then be divided as provided in VIII-A. Each and every inventor in multiple inventorship cases must agree to elect this option or the income shall be distributed as provided in VIII-A.
- C. When inventions are made under contract with an outside agency as provided in section VI-C and VI-D, the division of income shall be in accordance with the terms of the contract. In the event that any contract with an outside agency provides for the University to receive unrestricted funds from an invention, such funds shall be divided as provided in VIII-A or B.
- D. In the event that royalties or other income accrue under an agreement granting licenses for two or more patents, the prorating of income among the patents shall be determined by the University Patent Committee using the procedure of VIII-A as a guide. This Committee, which is composed of the Provost, the University Coordinator for Research, and the appropriate Dean, shall utilize legal, accounting and scientific consultants as it deems necessary in making its decisions. If one or more of the inventors named in the patents involved disagrees with the decision of the Committee the matter shall be resolved by arbitration as provided in section VII.

- E. Funds received by the Administrative Unit as its share under section VIII-A, B, C, or D shall be used for research purposes within the Unit and may include such items as:
1. Expansion and improvement of research facilities.
 2. Increased faculty and technician salaries.
 3. Increased research grants.
 4. Provision or expansion of support facilities such as local libraries, trained library searchers, literature scanning and abstracting services and sponsored technical meetings and conferences.
 5. Increased release time for research activities.

The above list is exemplary only and not limiting in any sense.

- F. Funds received by the Research Office as its share under Section VIII-A, B, C or D shall be used for research purposes within the University and may include such items as:
1. More assistance in the preparation and prosecution of patent applications.
 2. Expanded efforts to exploit inventions.
 3. Provision of development funds or facilities in cases where these are justified.
 4. Sponsoring major national and international scientific meetings on campus.
 5. Monitoring of research activities for inventions.
 6. Defense of patent rights as required.

IX. ADDITIONAL PROVISIONS

- A. Whenever an invention is released to the inventor pursuant to section VI-B-1 or VI-B-2-b-(2)-(b), the University may claim a share in any income received by the inventor after the deduction of his expenses as a condition of such release, subject, however, to the provisions of section VII in the event of dispute. Under this provision the University shall not be entitled to a share of income which would reduce the inventor's share to an amount less than that provided for under section VIII-A or B.
- B. Whenever the University determines that it has no proprietary interest in an invention, or whenever the University releases an invention to an inventor, the inventor agrees not to use the University, or the University's name, in the exploitation of such invention without prior written approval by the University.
- C. The inventor agrees to execute all documents including assignment of the invention to the University or its designee in order to effect legally the disposition of rights relative to such invention or discovery.

Proposal for a
Master of Education Degree
in Bilingual Education

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The Present Program in Bilingual Education

- A. Origins
- B. Description of Federal Criteria for Assistance
- C. A Progress Report on the Recipients of the 1977-78 Fellowships
- D. Problems and Prospects

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Competencies to be Developed and the Structure of the Program

Consultation and Coordination with Other Programs

Recruitment and Admissions

Criteria for Selection

Administrative Responsibility

Estimated Number of Students

Statement of Student Costs

Description of Federal Criteria for Assistance

The Federal Government requires that an applicant for a bilingual teacher-training program grant funded through Title VII provide:

"A description of the competencies, relating to training teachers for programs of bilingual education, which individuals completing the program of study may expect to acquire, including the ability to prepare teachers to:

- (1) Teach various subjects or courses of study in elementary or secondary schools using English and a language other than English as the media of instruction;
- (2) Provide instruction in elementary or secondary schools in the history and culture of the United States and geographical areas associated with a language other than English;
- (3) Select and use appropriate instruments for measuring the educational performance of children of limited English-speaking ability; and
- (4) Involve parents and community organizations in programs of bilingual education, and incorporate into such programs the use of available cultural and educational resources, as described in Section 123.14 (b) (6)."

*Federal Register, June 11, 1976,
PP 23870-23871*

*"Bilingual Education Program
Criteria Governing Grant Awards"*

Description of Competencies and Program

To be an effective teacher or teacher trainer in bilingual settings, an individual must demonstrate the following competencies:

1. He/She will be able to explain the dynamics of social and cultural change among the major linguistic minorities in the United States: Latin American, Native American, and Asiatic American groups.
2. He/She will be able to illustrate through discussion of case study material the impact of economic and social change on minority subcultures.
3. He/She will be able to describe traditional child-rearing practices of the various linguistic minorities and their relationships to cognitive and affective development among children of these groups. He/She will further be able to relate this data to observed typical classroom behavior.
4. He/She will be able to discuss changing family, religious and value patterns among at least one subset of linguistic minorities: i.e., Hispanic, Amerindian, Asian Americans.
5. He/she will be able to demonstrate a broad conceptual understanding and affective appreciation of the historical, social, geographic and cultural background of the Latin American minorities and their contribution to the development of the United States.
6. He/She will be able to utilize listening, speaking, reading and writing skills in both English and Spanish in the presentation of a lesson or class activity.
7. He/She will be able to utilize contrastive analysis as a means of identifying problems of linguistic interference between English and the native language of students.
8. He/She will be able to develop, prepare, and implement units of instruction in English as a Second Language and Spanish as a Second Language appropriate to different age levels.
9. He/She will be able to identify problems in creating effective communication between school and community persons in bilingual settings and outline principal strategies which have been demonstrated to be effective in dealing with them.
10. He/She will demonstrate, in a field context, the ability to communicate effectively with school personnel, children, and parents in the context of developing a small-scale innovation in on-going bilingual programming.

Description of Competencies and Program--Continued

11. He/She will demonstrate the ability to diagnose and pre-scribe instruction, to develop lesson plans based on behavioral objectives, and to measure their achievement in the context of a bilingual educational program. Furthermore, he/she will be able to devise criterion-reference tests which are linguistically, culturally and educationally appropriate.
12. He/She will demonstrate the ability to identify, design, and assess curriculum materials appropriate to educational objectives.
13. He/She will demonstrate adaptability to multi-learning styles and instructional planning activities in a fieldwork context.
14. He/She will be able to determine the appropriateness of different achievement tests for students from linguistic minority backgrounds.

There will be an ongoing evaluation of the students' competencies in the above-mentioned areas.

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The following program has been designed in order to develop and refine the aforementioned competencies:

MASTER'S DEGREE IN BILINGUAL EDUCATION

REQUIREMENTS--33 credits

Bilingual Education--12 credits

- * EDC ____ Seminar in Bilingual Education (3)
- * EDC ____ ^{or} Minority Cultures in American Education (3)
- EDC 667
SP 655
LAS 400] Interdisciplinary Seminar on Latin American Culture
- EDC 666 ^{or} Special Problem in Bilingual or Bilcultural (3)
- * EDC ____ Methods and Materials in Bilingual Education (3)
- * EDC ____ ^{or} Methods and Materials in the Content Areas in Bilingual Education (3)
- * EDC ____ Fieldwork in the Bilingual School and Community (3-6)
- * Regular course numbers will be assigned to these courses which have been taught previously. In all cases, there will be dual numbers assigned (on the 400 and 600 levels).

Educational Development and Practice--6 credits chosen from the following:

- EDC 679 School Curriculum (3)
- EDC 575 Curriculum and Methods in Kindergarten/Primary Education (3)
- EDF 660 Educational Measurements (3)

Other graduate courses in Educational Development may be substituted for those listed above, with the permission of the student's advisor and instructor.

Electives in Language Arts and Sociocultural Studies--15 credits

Students must select a total of 15 credits from among the following three groups of courses. A minimum of one course must be included from each group.

I. English Department:

- E 698 Teaching English as a Second Language (required if not taken previously) (3)
- E 693 Applied English Linguistics (3)
- E 694 History of the English Language (3)
- E 697 Teaching English in the Inner City (3)

II. Modern Languages and Literature:

- ML _____ Dynamics of Language Contact (3)
- SP 603 History of the Spanish Language (3)
- SP 629 Modern Latin American Literature (3)
- 630
- SP 655 Seminar: Varying Authors and Themes (if different from BE 667) (3)
- SP 666 Special Problem (1-3)

III. Social Sciences, Psychology and History:

Students elect graduate level courses in the Departments of Anthropology, Economics, Educational Studies, Geography, History, Political Science, Psychology or Sociology with the consent of the Coordinator of Bilingual Education and of the instructor. Examples of relevant courses which might be selected in this matter are:

- 666 Special Problem courses in one of the above departments (3)
- ANT 640 Anthropological Field Methods (3)
- ANT 637 Contemporary South America (3)
- EC 500 Economic Concepts for the Elementary Teacher (3)
- EDF 638 Cultural Foundations of Education (3)
- EDF 636 Advanced Educational Psychology (3)
- G 543 Background in Geography (3)
- H 835 Readings in Latin American History (3)
- PSC 627 Problems of Latin American Politics (3)
- PSY 652 Language and Thought (3)
- SOC 633 Community Power (3)

A comprehensive examination which covers course work taken in the program will be required of all candidates for the master's degree in bilingual education.

In order to assure effective communication between the various components of the master's program in bilingual education, an interdisciplinary committee on bilingual education has been formed. It will meet regularly to assist the bilingual education coordinator in developing mechanisms of integration of coursework from the various disciplines and in assessing the on-going program. It is anticipated that this committee will meet approximately once a month. The committee will also be asked to name members to assist the bilingual program coordinator in the selection and screening of fellowship candidates. To date the departments of Anthropology, Geography, History, Political Science, English, Modern Languages and Literature have named representatives to the committee.

The staffing of the courses of the revised Master's Degree in Bilingual Education would be that of the regular university staff in its regular course offerings, except in the case of certain courses in the bilingual education core. The Interdisciplinary Seminar on Latin American Culture would be offered in conjunction with the Spanish Department and coordinated by the Coordinator of Bilingual Education. Three Latin Americanists from the faculty of Arts and Science would be invited to participate each time the course is offered.* Dr. Ivo Dominguez of the Spanish Department will assist the Bilingual Education Program in the development of the course format. Such an Interdisciplinary Seminar will help complete the cultural background studies of fellows in bilingual education.

Should the need arise, several qualified persons are also available to assist the bilingual coordinator in offering in-service and extension courses in bilingual education on a continuing education or overload basis, and have expressed interest in doing so. These include resource persons in the State Department of Public Instruction, school personnel and university faculty.

*After appropriate inquiries, it appears that it would be possible to offer this course in the evening and pay participating faculty persons on an overload basis. Different individual professors have expressed an interest in this activity, especially as it furthers integration of Latin American Studies on the graduate level.

Consultation and Coordination with Other Programs

The Bilingual/Bicultural Program at the College of Education, University of Delaware, was developed in cooperation with the Delaware State Department of Public Instruction, the Wilmington Public Schools' Bilingual Program, the Wilmington Mayor's Office for Spanish Affairs, and with a Bilingual Education Committee composed of members of the different faculties of the University of Delaware, members of the Spanish-speaking community, and with the approbation of the Interim Governing Board and the Senate Committee on Graduate Studies.

Arrangements are being made with the New Castle County School District's Bilingual Program and community, with the Delaware Migrant Education Program, and with other bilingual education programs in our area for the development of a fieldwork experience for the fellowship recipients and other students. This will permit training in strategies of observation and analysis of teaching and learning behavior in bilingual educational settings. These fieldwork experiences will also allow them to develop and implement specific instruction, evaluation and parent involvement activities in this setting.

Recruitment and Admissions

The key to selection of quality candidates for a bilingual, bicultural education teacher-training program is intensive and extensive recruitment, especially in the four-state area we service (Delaware, Maryland, Pennsylvania and New Jersey). Recruitment will begin early and include newspaper advertising, preparation and distribution of information flyers and pamphlets through regional colleges and universities, local school districts, state departments of education, and national and regional centers for bilingual education. Personal contact with school district leaders will also form part of the campaign to obtain qualified candidates, and bilingual programs will be encouraged to utilize our program as a means of providing in-service to their teachers. Every effort will be made to assure that fellowship recipients, as well as others admitted to the program, demonstrate high levels of academic ability and preparation, full or nearly full bilingual competency and cross-cultural sensitivity in addition to teaching skills.

Criteria for Selection

1. Applicants should consult the Coordinator of Bilingual Education, who will serve as their principal advisor within the College of Education. They will be required to submit an application for admission, as well as an application for fellowship. The fellowship application will not be accepted for consideration by the screening committee until requirements for formal admission to the college have been met.
2. GRE test scores for the verbal and quantitative that sum to at least (1050) will be required, unless the applicant has graduated from a foreign university, in which case TOEFL could be substituted at the discretion of the Coordinator of Bilingual Education, and with the prior advisement of the Office of Graduate Studies.
3. Applications who meet the University requirements for admission will be given further consideration based on a comparison with the achievement levels of various applicants, ranking by faculty advisory committee, and the need for professionals in each program field.
4. Official transcripts of all previous work that indicate a general undergraduate index of at least 2.5/4.0 and a graduate index of at least 3.0 for any graduate work.
5. There is a Provisional Admissions Policy for Delaware educators who nevertheless may fail to meet the minimum Graduate Office Admissions Standards when there is other evidence of academic aptitude and when the quotas in the program are not filled by students who meet the regular admission requirements. In all cases, the provision is that students establish a 3.5 graduate index in the first eighteen hours of 600-800 level graduate courses in the program.
6. Candidates must ordinarily qualify for teacher certification in the State of Delaware, or in their home state.
7. A personal interview will be held with each and every potential candidate, and at that time, an assessment of both cultural sensitivity and linguistic competence. Spanish and English language skills will be assessed by an interdepartmental committee representing the English Writing Center, the Spanish Language Department and the Bilingual Program. That committee will select an appropriate language proficiency test and apply it to all candidates interviewed. A rating system of 1 to 5 will be utilized to measure applicants in the areas of sensitivity towards minorities and their future plans in the field of bilingual/bicultural education.

Administrative Responsibility

This program will be under the direct administrative responsibility of:

Dr. Arlene Patricia Scanlon
Coordinator of Bilingual Education
Area of Educational Development
206-D Willard Hall Education Building
University of Delaware
Newark, DE 19711
(302) 738-1165

Dr. Scanlon has been involved in teaching, administration and anthropological research related to bilingual education programs since 1969. Her curriculum vitae is attached.

The bilingual program is one of the Master's degree programs in the newly formed Area of Educational Development. Responsibility for overall program support and administration is handled by Dr. Nevin R. Frantz, Jr., Coordinator, Area of Educational Development, College of Education.

The administration of the programs within the Area of Educational Development and Area of Educational Studies are the responsibility of the Dean's office, under the direction of Acting Dean Billy E. Ross.

CURRICULUM VITAE

ARLENE PATRICIA SCANLON

Current Address: R.D.#1, Box 356
Federalsburg, Maryland 21632
(301) 754-8314

Marital Status: Single

Date of Birth: January 16, 1943

Educational Background:

Universidad Iberoamericana
Instituto de Ciencias Sociales
Mexico D.F.

Ph.D. in social anthropology,
May, 1978.

University of Delaware, Newark,
Delaware and Georgetown Univer-
sity, Washington, D.C.

Coursework in international and
bilingual education, T.E.S.O.L.
1977-78.

The Catholic University of
America, Washington, D.C.

Doctoral work in anthropology and
Latin American history (1967-68)

Columbia University, Graduate
Faculties, New York, N.Y.

Master of Arts in Anthropology (1966)

Columbia Teachers College and
New York University, New York,
N.Y.

24 credits in education.

New York University, Washington
Square College, New York, N.Y.

Bachelor of Arts in Biology (cum
Laude 1963).

Professional Education Licenses: Bilingual secondary science teacher, spanish teacher, and migrant education specialist.

Academic Honors: Predoctoral research fellowship, granted through the Centro de Investigaciones Superiores of the Instituto Nacional de Antropologia e Historia, Mexico D.F., for completion of doctoral thesis (September, 1973 to December, 1975); graduate fellowship at the National Science Foundation (NSF) for field work in ethnology, Ixmiquilpan Field School of Ethnology and Linguistics (Summer, 1971); research assistantship at the Catholic University in Washington, D.C. (1967-68); undergraduate scholarship at New York University (1960-63); Phi Beta Kappa.

Languages: Fluent in both Spanish and English, some French.

Areas of Specialization: Applied anthropology, educational anthropology (including international and bilingual education), organizational studies, rural-urban migration, psychological anthropology, U.S. minorities, Latin American studies, and human ecology.

Experience:

March, 1978 - Present

Consultant, D.A. Lewis Associates, Clinton, Maryland. Applied research and training responsibilities in the areas of management of public programs; international, migrant, and bilingual education; and Mexican immigration to the U.S.

September, 1977 - Present

Instructor, Department of Anthropology, University of Delaware, Newark, Delaware.

October, 1975 - March, 1978

State Specialist for migrant education, ESEA Title I. Administrative responsibility for migrant and bilingual education programs in Delaware.

January, 1972 - December, 1975

Graduate research fellow, Centro de Investigaciones Superiores, INAH, Mexico City.

January, 1973 - June, 1975

Instructor in General Anthropology, and U.S. Minorities courses, Universidad Iberoamericana and Universidad Anahuac, Mexico City. (Classes were given in the Spanish language.)

May, 1969 - January, 1973

Teacher of psychology, social sciences, American High School, Sur 136-135, Mexico 18, D.F.

August, 1967 - June, 1968

Director, Department of Social Investigation, Social Secretariat, Catholic Archdiocese of Mexico, Mexico City, D.F. Work consisted in the applied research and evaluation of various urban and rural projects in adult education and community development.

October, 1966 - June, 1967

Anthropological research assistant on a project to study a pilot integration project in the elementary schools of Stamford, Connecticut. Co-author with Dr. Jerry Handel of report published by the Center for Urban Education, 33 West 42nd St., New York, N.Y. called "Different Cultures, Different Schools."

September, 1966 - June, 1967

Lecturer in general anthropology at Polytechnical Institute of Brooklyn, New York.

Experience: (continued)

July, 1966 - January, 1967

Graduate teaching assistant in Educational Anthropology, Department of Social Foundations of Education, Columbia Teachers College, New York City.

Publications:

Social Organization of Education in an American School in Mexico, Ph.D. dissertation scheduled to be published by Centro de Investigaciones Superiores, Instituto Nacional de Anthropologia e Historia, D.F., 1978 (Spanish version).

"Guia Preliminar para la Clasificacion de Datos Sobre la Organizacion Social de Escuelas," Revista del Centro de Estudios Educativos (Mexico), volume V, No. 1, 1975.

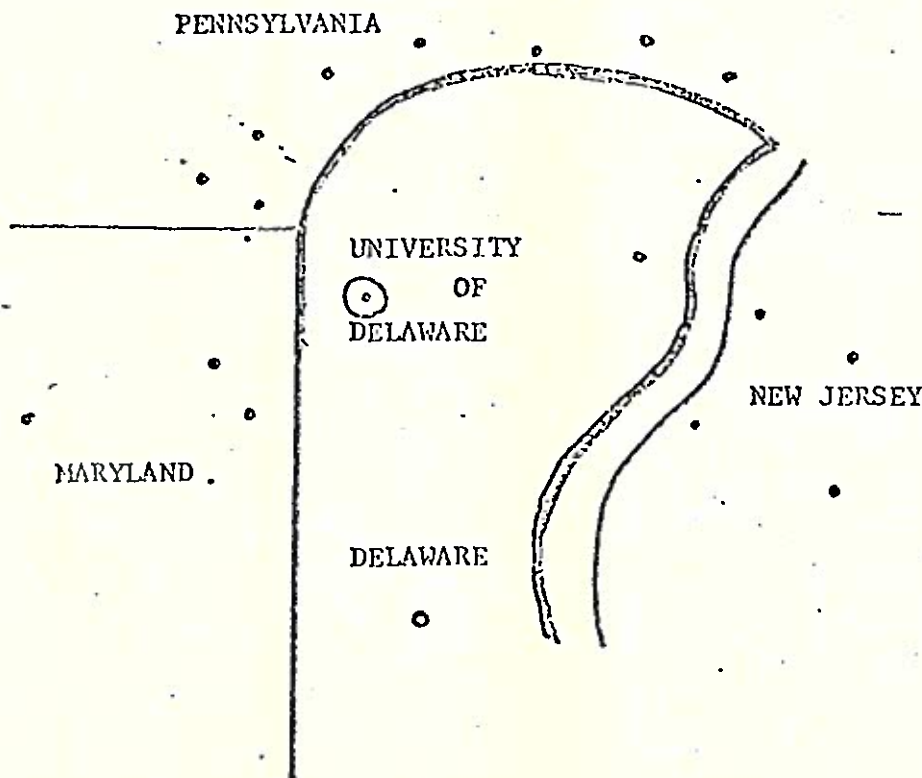
"A Case Study of a Catholic Youth Organization in a Provincial Mexican Town," Field Papers, Imiquilpan Field School of Ethnology and Linguistics, Michael Kenny and H. Russell Bernard (eds.) Catholic University Press, 1973.

Estimated Number of Students

The University of Delaware will seek to prepare fifteen (15) teacher trainers under the auspices of the Title VII Graduate Teaching Fellowship Grant.

Historically, the University has had a large percentage of students from bordering states due to its location. Because of the ever-increasing number of Hispanic students in New Jersey, Pennsylvania, Maryland and Delaware, we will also actively encourage school districts in our area to involve their staff in our program of graduate studies, and to support their training at our institution through available in-service funds. We hope to involve another fifteen students in the program in this fashion.

The following map shows the location of the University of Delaware and the areas which have large concentrations of Spanish speakers.



STATEMENT OF COSTS

The cost to each grant recipient is as follows:

	<u>In State</u>	<u>Out of State</u>
Application Fee	20	20
Tuition	1356	3126
University Fees		
Summer Sessions	130	280
Registration Fee	15	15
Graduation Fees	25	25
Student Health Center Fee	56	56
Health Insurance (Individual)	62	62
Books	<u>250</u>	<u>250</u>
	\$1914	\$3834

Note: Costs based on 1978-79 rates; 1979-80 rates are not yet available.

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 overlapping of course requirements, students in the program are able to complete all requirements for both degrees in five years, rather than the normal six years. The Engineering degree may be earned in any of the four departments of the College, and is granted at the end of the fourth year of the program. Thus, students who begin the program and for some reason choose not to continue into the fifth year incur no particular penalty.

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

1. An Engineering student with an overall grade-point index of at least 3.0, based on the first three semesters of equivalent full-time study, may apply for the program. Application is made to the Assistant Dean of Engineering, by March 1 of the sophomore year. Selection is carried out jointly by the Assistant Dean of Engineering and the Chairman of the Department of Business Administration. Applicants are notified of admission to the program by March 31.

2. During the junior year, students in the program apply for admission to the graduate portion of the program. 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 score on the GMAT of 500 or more, and an overall grade-point average of at least 3.0 are required at the end of the junior year, upon which conditional admission is granted to the MBA program.

3. Upon completing all requirements for the Engineering degree at the end of the senior year, that degree is granted, and the provisional status in the MBA program is changed to regular status.

4. Upon completing all requirements for the MBA degree at the end of the fifth year, with a grade-point average of at least 3.0, that degree is granted. (The work of the fifth year may also be pursued part-time.)

Notes:

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

b) Applicable fees are those for matriculated undergraduates for the first four years, and those for matriculated graduate students for the fifth year.

c) During the first four years, the student is assigned an advisor from the College of Engineering. For years four and five, and additional advisor is assigned from the College of Business and Economics.

d) Students should note carefully in the curricula below that Engineering General Education Program courses selected in the freshman and sophomore years must be in Groups I or II.

e) All students will find it necessary to take one additional course; BU870, Operations Administration, at some time before the beginning of the fifth year. For illustrative purposes, that course is shown in the Winter Term of the fourth year.

Five-Year Chemical Engineering/MBA Program

Year 1

Fall

Cl111, Gen. Chemistry	3
Cl19, Quan. Chemistry I	2
M241, Ana. Geom. Calc. A	4
EG125, Intro. to Engin.	3
General Educ. Grp. I	3
	<u>15</u>

Spring

Cl112, Gen. Chemistry	3
Cl20, Quan. Chemistry II	3
M242, Ana. Geom. Calc. B	4
PS207, Gen. Physics	4
El10, Crit. Read. Writ.	3
	<u>17</u>

Year 2

Fall

C443, Phys. Chemistry	4
M243, Ana. Geom. Calc. C	4
PS208, Gen. Physics	4
ChE230, Int. ChE Eng. Ana.	3
General Educ. Grp. I	3
	<u>18</u>

Spring

C444, Phys. Chemistry	4
M302, Ord. Diff. Eqn. I	3
ChE231, Int. ChE Eng. Ana.	3
Tech. Elec. Grp. II or III	3-4
General Educ. Grp. II	3
	<u>16-17</u>

Year 3

Fall

C331, Org. Chemistry	3
C333, Org. Chem. Lab I	1-2
ChE325, ChE Eng. Thermo.	3
ChE341, Fluid Mech.	3
ACC551, Financial Acc.	3
EC551, Manag. Econ.	3
	<u>16-17</u>

Spring

ChE332, ChE Kinetics	3
ChE342, Heat Mass Trans.	3
ChE345, ChE Lab I	3
ST650, Stat. Eng. Phys. Sci.	3
EC552, Macroecon. Env. Firm	3
	<u>15</u>

Year 4

Fall**

ChE443, St. Trans. Ops.	2
ChE445, ChE Lab II	3
ChE690, Econ. Ch. Proc. In.	3
Tech. Elec. Grp. IV	3
BU820, Human Behav. Org.	3
BU830, Quan. Res. Meth.	3
	<u>17</u>

Spring

ChE432, Chem. Proc. Ana.	3
ChE691, Tech. Proj. Manage.	3
Tech. Elec. Grp. II or III	3
Tech. Elec. Grp. IV	6
	<u>15</u>

**Winter term: BU870, Admin. Processes (3)

Year 5

Fall

ACC841, Soc. Eth. Leg. Ent. Firm	3
BU850, Financial Admin.	3
BU871, Operations Admin.	3
BU880, Market Admin.	3
	<u>12</u>

Spring

ACC552, Managerial Acc.	3
BU851, Corpor. Finan. Ana.	3
BU881, Marketing Research	3
BU890, Corporate Strategy	1
	<u>12</u>

Five-Year Mechanical and Aerospace Engineering/MBA Program

Year 1

Fall

C103, Gen. Chemistry	4
M241, Ana. Geom. Calc. A	4
EG125, Intro. to Engin.	2
EL10, Crit. Read. Writ.	3
General Educ. Grp. II	3
	<u>16</u>

Spring

C104, Gen. Chemistry	4
M242, Ana. Geom. Calc. B	4
PS207, Gen. Physics	4
EG132, Writ. Graph. Comm.	2
	<u>14</u>

Year 2

Fall

M243, Ana. Geom. Calc. C	4
PS208, Gen. Physics	4
MEC213, Prin. Mech. I	4
General Educ. Grp. I	3
	<u>15</u>

Spring

M302, Ord. Diff. Eq. I	3
MAE307, Thermodyn. I	3
MEC214, Prin. Mech. II	4
MEC302, Mech. Mat. Lab.	1
MET302, Mater. Sci. Eng.	4
General Educ. Grp. I	3
	<u>18</u>

Year 3

Fall

MEC305, Fluid Mech.	3
MEC306, Fluid Mech. Lab	1
MAE316, Materials Eng.	3
MAE361, Appl. Engin. Ana.	3
MAE308, Thermodyn. II	3
ACC551, Financial Acc.	3
	<u>16</u>

Spring

MAE336, Fluid Mech. II	3
MAE348, Mech. Design Ana.	3
MAE391, Engin. Sci. Lab. I	3
EE314, Electron. and Instru.	4
EC551, Manage. Econ.	3
	<u>16</u>

Year 4

Fall**

MAE411, Struc. Mech.	3
MAE445, Senior Research	2
MAE447, Design Sys. Syn. I	2
Technical Elec.*	3
EC552, Macroecon. Env. Firm	3
BU830, Quan. Res. Meth.	3
	<u>16</u>

Spring

MAE423, Vibrations	3
MAE446, Senior Research	2
MAE448, Design Sys. Syn. II	2
ST650, Stat. Eng. Phys. Sci.	3
Technical Elec.*	3
BU820, Human Behav. Org.	3
	<u>16</u>

**Winter Term: BU870, Admin. Processes (3)

* Two courses from among MAE622, MAE647, MAE648

Year 5

Fall

ACC841, Soc. Eth. Leg. Env. Firm	3
BU850, Financial Admin.	3
BU871, Operations Admin.	3
BU880, Market. Admin.	3

Spring

ACC552, Manage. Acc.	3
BU851, Corp. Finan. Ana.	3
BU881, Marketing Research	3
BU890, Corp. Strategy	3
	<u>12</u>

Five-Year Electrical Engineering/MBA Program

Year 1

Fall

C103, Gen. Chemistry	4
M241, Ana. Geom. Calc. A	4
EG125, Intro. to Engin.	3
General Educ. Grp. I	3
General Educ. Grp. II	3
	<u>17</u>

Spring

C104, Gen. Chemistry	4
M242, Ana. Geom. Calc. B	4
PS207, Gen. Physics	4
EL10, Crit. Read. Writ.	3
	<u>15</u>

Year 2

Fall

M243, Ana. Geom. Calc. C	4
PS208, Gen. Physics	4
EE170, Int. Discrete Sys.	3
EE202, Int. Digital Sys.	3
General Educ. Grp. I	3
	<u>17</u>

Spring

M302, Ord. Diff. Eq. I	3
EE205, Lin. Circ. Th. I	4
EE225, Log. Des. Dig. Circ.	3
MET302, Mat. Sci. Engin.	4
Technical Elec.	3
	<u>17</u>

Year 3

Fall

EE305, Signal Proc.	3
EE309, Electron. Circ. Ana. I	4
MAE361, Appl. Engin. Ana.	3
Technical Elec.	3
ACC551, Financial Acc.	3
	<u>16</u>

Spring

EE310, Rand. Sig. Noise	3
EE312, Electron Circ. Ana. II	4
EE320, Field Th. I	3
EE340, Sol. State Electron.	3
EC551, Manage. Econ.	3
	<u>16</u>

Year 4

Fall**

EE413, Field Th. II	4
EE417, Feedback Con. Sys.	3
Technical Elec.	3
EC552, Macroecon. Env. Firm	3
BU830, Quan. Res. Meth.	3
	<u>16</u>

Spring

EE433, Energy Sys.	3
EE618, Mod. Cont. Eng.	3
ST650, Stat. Eng. Phys. Sci.	3
Technical Elec.	3
BU820, Human Behav. Org.	3
BU850, Financial Admin.	3
	<u>18</u>

Year 5

Fall

ACC841, Soc. Eth. Leg. Env. Firm	3
BU851, Corp. Financial Ana.	3
BU871, Operations Admin.	3
BU880, Market. Admin.	3
	<u>12</u>

Spring

ACC552, Managerial Acc.	3
BU881, Marketing Rec.	3
BU890, Corporate Strategy	3
MBA Elective	3
	<u>12</u>

**Winter Term: BU870, Admin. Processes (3)

Five-Year Civil Engineering/MBA Program

Year 1

Fall

C103, Gen. Chemistry	4
M241, Ana. Geom. Calc. A	4
EG125, Intro. to Engin.	2
EG132, Writ. Graph. Comm.	2
General Educ. Grp. I	3
	<u>15</u>

Spring

C104, Gen. Chemistry	4
M242, Ana. Geom. Calc. B	4
PS207, Gen. Physics	4
El10, Crit. Read. Writ.	3
	<u>15</u>

Year 2

Fall

M243, Ana. Geom. Calc. C	4
MEC211, Theor. Appl. Mech. I	3
GEO105, Gen. Geology	4
CS106, Gen. Comp. Sci.	3
General Educ. Grp. I	3
	<u>17</u>

Spring

M302, Ord. Diff. Egn. I	3
MEC212, Theor. Appl. Mech. II	3
PS208, Gen. Physics	4
B321, Environ. Biology	4
General Educ. Grp. II	3
	<u>17</u>

Year 3

Fall

MEC301, Mech. Materials	3
MEC302, Mech. Mater. Lab	1
CE301, Elem. Struc. Ana.	4
CE331, Environ. Eng. I	3
ACC551, Financial Acc.	3
EC551, Manag. Econ.	3
	<u>17</u>

Spring

MEC305, Fluid Mech.	3
MEC306, Fluid Mech. Lab	1
CE320, Soil Mech. Geotech.	3
ST650, Stat. Eng. Phys. Sci.	3
Technical Elec.	3
EC552, Macroecon. Env. Firm	3
	<u>16</u>

Year 4

Fall**

CE451, Transport. Eng. I	3
CE442, Hydraulic Eng.	3
MET302, Mater. Sci. Eng.	4
Technical Elec.*	6
	<u>16</u>

Spring

CE482, Engin. Sys. Ana.	3
Technical Elec.*	6
BU820, Human Behav. Org.	3
BU830, Quan. Res. Meth.	3
BU850, Financial Admin.	3
	<u>18</u>

* One course must be CE630, CE632, CE633, or CE636

** Winter Term: BU870, Admin. Processes (3)

Year 5

Fall

ACC841, Soc. Eth. Leg. Env. Firm	3
BU851, Corp. Finan. Ana.	3
BU871, Operations Admin.	3
BU880, Market. Admin.	3
	<u>12</u>

Spring

ACC552, Managerial Acc.	3
BU881, Marketing Research	3
BU890, Corporate Strategy	3
MBA Elective	3
	<u>12</u>

Total Credits = 158

Proposed Student Government Constitution

The attached document includes three changes not acted on by the UDCC at the time of submission. The changes are shown in italics.

Page 1: the phrase

with the approval of the Dean of Students' Office
has been added to describe clearly a requirement which has been in effect and should continue.

Page 3: a double asterisk(**) has been added after the title "Executive Officers" and an explanatory sentence has been placed at the bottom of the page stating

***In this section and in all other parts of this Constitution wherever the male gender is used, female also applies.*
This seems consistent with current awareness and more than appropriate when over half of the student body is female.

Page 4: Section 4 on Elections, item B has been changed to Initiative, Referendum *or Recall* Elections. The shall hold initiative, referendum *or recall* elections as defined in the Bylaws of the .

The committee feels that some provision for recall of legislation should be established and recognized in the Constitution.

E.N. Simons
Chair
Committee on Student Life

PROPOSED STUDENT GOVERNMENT

CONSTITUTION

PREAMBLE

We the students of the University of Delaware do hereby establish a Student Congress for the following purposes: to create a representative form of student government; to provide the means for responsible and effective student participation in the organization and control of student affairs; to serve as the official voice of student opinion on matters concerning the University and upon matters affecting students in their role as students; to provide for mutual and beneficial understanding with the faculty and administration; to further student welfare and interests, and to support academic freedom, academic and student rights and responsibilities.

* ARTICLE I: NAME *

The name of this organization shall be the _____ hereinafter referred to as the _____.

* ARTICLE II: PURPOSE AND AUTHORITY *

Section 1: Purpose

The _____ shall act as the official liaison between the students and the faculty and administration; shall act as an advocate to promote student rights and responsibilities by providing a forum for student grievances, and providing input to University policy; and shall act as a resource center for student affairs.

Section 2: Authority

The authority of the _____ and its member organizations is derived from the faculty of the University which is responsible under the Charter of the University for the care, control, governance, and instruction of the students, and from the Vice President for Student Affairs and Administration who is charged by the Bylaws of the Board of Trustees with the development, coordination, and implementation of the total program of student services, and from this document. This document shall be consistent with the policies established by the University faculty, Vice President for Student Affairs and Administration, and the Board of Trustees of the University of Delaware.

Section 3: Responsibilities

The _____ shall have the authority and responsibility to:

- A. Allocate funds to registered student organizations *with the approval of the Dean of Students Office*;
- B. Nominate and/or appoint student representatives to all University committees seeking student input;
- C. Encourage, initiate, monitor, and/or administer essential student services;
- D. Seek out student complaints and actively pursue their resolution;
- E. Promote cooperation among member organizations informing programs and projects;

- F. Perform campus-wide duties including committee formation and elections;
- G. Maintain all relevant information in regards to University policies and make it available to interested students;
- H. Promote good community relations both on and off the University campus;
- I. Act on all matters which shall be necessary and proper for executing the foregoing responsibilities.

* ARTICLE III: MEMBERSHIP *

Section 1: General Membership

All members of the University community have the right to attend and participate, without a vote, in all meetings of the _____, its committees, and to present matters to the _____. The right to vote in General and Special Elections and to stand for office, as provided for by the Constitution and Bylaws of the organization, shall be limited to full-time, matriculated undergraduate degree candidates.

Section 2: Voting Membership

A. Executive Officers

The President, Vice President, Treasurer, and Secretary of the _____ shall each have a vote.

B. Representatives

One Representative of each of the following organizations shall have a vote: Resident Student Association, University Commuter Association, Council of Greek Presidents, Black Student Union, Student Program Association, and the Undergraduate College Councils. These Representatives shall be selected as defined in the Bylaws of the _____.

C. Committee Chairpersons

All students serving as Standing Committee Chairpersons shall each have a vote as defined in the Bylaws of the _____.

D. Student Faculty Senate Representatives

The _____ shall designate two of its student faculty senators as voting members of the _____ as defined in the Bylaws of the _____.

Section 3: Advisors

The Vice President for Student Affairs and Administration shall appoint an advisor to the _____. The _____ may also select advisors from the University faculty and staff. All advisors shall be non-voting members of the _____.

* ARTICLE IV: STRUCTURE *

Section 1: Executive Officers **A. President

The President of the shall be the person duly elected in a campus-wide election as provided for in the Constitution and Bylaws of the . The President shall be the presiding officer at all meetings, shall be the official representative of the , as set forth in the Bylaws of the , and shall coordinate the activities and projects of the . He shall also be responsible for carrying out all other duties assigned to him by the members or in the Bylaws of the .

B. Vice President

The Vice President of the shall be the person duly elected in a campus-wide election as provided for in the Constitution and Bylaws of the . The Vice President shall serve as the presiding officer of the in the absence of the President, and shall oversee the works of the committees. He shall also be responsible for carrying out all other duties assigned to him by the members or in the Bylaws of the .

C. Treasurer

The Treasurer of the shall be the person duly elected in a campus-wide election as provided for in the Constitution and Bylaws of the . The Treasurer's signature must appear on all forms, contracts, or letters, which in any way financially obligate the . Any such form, contract, or letter which does not contain the Treasurer's signature shall be considered invalid, consistent with procedures set forth in the Bylaws of the . The Treasurer shall be responsible to the for all existing property and equipment, and it shall thereby be his responsibility for the maintenance, acquisition, and sale of all such property and equipment, when authorized by the , in accordance with procedures set forth in the Bylaws of the . Further, he shall serve as the ex-officio Vice Chairperson of the Budget Board, and shall carry out all other duties assigned to him by the members or in the Bylaws of the .

D. Secretary

The Secretary of the shall be the person duly elected in a campus-wide election as provided for in the Constitution and Bylaws of the . The Secretary shall be responsible for keeping accurate records of all meetings, for procuring and storing all reports in a central depository, and for insuring that a copy of each report is on file in a place that is easily accessible to any interested persons. He shall be responsible for publicizing all meetings, policies, programs, and actions of the . He shall also carry out all other duties assigned to him by the members or in the Bylaws of the .

***In this section and in all other parts of this Constitution wherever the male gender is used, female also applies.*

Section 2: MeetingsA. Regular Meetings

The shall hold regular meetings at least once every two (2) weeks during the school year (September through May) at a time and place determined by the President in consultation with the members of the and announced in the campus newspaper. Attendance at all regular meetings of the is required of all voting members of the , unless duly excused by an Executive Officer.

B. Special Meetings

At the will of the President, or at the written request of one-quarter (1/4) of the full voting membership of the , the President shall call Special meetings of the for the purpose of considering any business not specifically required to be conducted at a regular meeting of the . Upon the setting of a Special meeting, a twenty-four (24) hour advance notice must be given to all voting members, by the most expedient means.

Section 3: CommitteesA. Standing Committees

The shall establish and regulate standing committees for its effective operation, as specified in the Bylaws of the . All voting members of these committees, except those of the Budget Board, need only be full-time, matriculated undergraduate degree candidates.

B. Special Committees

The shall have the authority to create special committees (ad hoc) as may be deemed necessary for its effective operation. Any member of the University community shall be eligible for membership on ad hoc committees. The existence of such committees shall terminate at the conclusion of their special project and may only be continued with the approval of the .

C. Responsibilities

All committees shall be directly responsible to the and shall be required to submit regular written reports to the which shall become part of the official records.

Section 4: ElectionsA. General and Special Elections

The shall hold general and special elections as defined in the Bylaws of the .

B. Initiative, Referendum or Recall Elections

The shall hold initiative, referendum or recall elections as defined in the Bylaws of the .

* ARTICLE V: JURISDICTIONAL DISPUTES *

In the event that a jurisdictional dispute should arise, it shall be dealt with as defined in the Bylaws of the .

* ARTICLE VI: JUDICIAL SYSTEM *

The shall be involved in the selection of the student members of the Hearing Board and Appellate Court as stated in the Bylaws of the and in the Student Guide to Policies.

* ARTICLE VII: POWER OF REMOVAL *

The _____, for just cause, as defined in the Bylaws of the _____ and by a majority vote of its total voting membership at a regular meeting following seven (7) days written notification, shall have the power to suspend the voting rights of any elected or appointed official of the _____. The _____ shall also have the power to remove from office the Executive Officers, Committee Chairpersons, Student Faculty Senate Representatives, and other representatives of the _____.

* ARTICLE VIII: BYLAWS *

The _____ shall establish and maintain Bylaws to set forth operational procedures consistent with this Constitution. The _____ shall enact, amend, or cancel any provisions of these Bylaws following written notification of all voting members of the _____ of an intended change of these Bylaws, announcement to the campus of the intended change, through the use of the student newspaper and/or other means, and a two-thirds (2/3) affirmative vote of the voting members of _____ present at the first regular meeting following seven (7) days notification and announcement.

* ARTICLE IX: CONSTITUTIONAL AMENDMENTS *

Amendments to this Constitution shall be approved by a two-thirds (2/3) affirmative vote of the total voting membership of the _____. After approved, they shall be forwarded to the University Faculty Senate and the Vice President for Student Affairs and Administration for review; they shall have forty-five (45) days in which to approve them or return them for further amendment. When approved, the amendments shall be published within the University community, through the use of the student newspaper and/or other means, and shall finally be approved by a simple majority of those students voting in a special referendum called by the President of the _____, not earlier than five (5) days following publication.

* ARTICLE X: RATIFICATION *

This Constitution shall be submitted to the student body, after being approved by a two thirds (2/3) affirmative vote of the total voting membership of the UDCC, and after being approved by the University Faculty Senate and the Vice President for Student Affairs and Administration. It shall be approved by a simple majority of those students voting in a special referendum called by the President of the UDCC, and shall become the Constitution of the _____. This Constitution shall go into effect with the Spring elections of 1979. These elections shall be administered by the outgoing UDCC in accordance with the Bylaws of the _____.