

MINUTES OF THE ACADEMIC SENATE OF QUEENS COLLEGE

May 8, 1997

Kiely Hall - room 170

1. The Holder of the Chair, Joel Mandelbaum, called the meeting to order at 3:50 p.m.

2. Approval of Agenda:

a. MOTION: Duly made (Newman), seconded, and passed:

"To amend the Agenda, to add under Committee Reports the Joint Undergraduate Curriculum Committee and Graduate Curriculum Committee Proposal for Bachelor of Science and Master of Science Degrees in Nutrition and Exercise Sciences, to immediately follow the GCC and UCC reports."

b. MOTION: Duly made (Friedman), seconded, and passed:

"To amend the Agenda, to move item 3.a. (Memo on the President's Second Five Year Plan) under New Business."

The agenda was adopted, as amended.

3. President Sessoms spoke about what it will mean to have Professor Luc Montagnier and the AIDS research based on the Queens College campus, and then he took questions.

4. Approval of Minutes:

MOTION: Duly made (Pecoraro), seconded and passed:

"To adopt the Academic Senate meeting minutes of April 10, 1997."

5. Announcements, Administrative Reports, and Memorials:

a. The Chair announced that the traditional Senate reception will take place next week after the meeting. The outgoing Senators are also invited.

6. Special Motion:

MOTION: Duly made (Pecoraro), seconded, and passed unanimously:

"To approve the proposed amendment to the Charter of the University Faculty Senate approved by the University Faculty Senate on March 25, 1997."

7. Committee Reports:

a. Executive Committee:

i. Proposed meeting schedule: since there were no objections, the schedule was approved as distributed.

M O R E

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7.a. Committee Reports: Executive Committee (continued):

ii. MOTION: Duly made (Rothenberg):

"WHEREAS, the University Bylaws grant primary responsibility for degree requirements and the curriculum to the faculty and college governance bodies; and

"WHEREAS, the decision to revise the policy with respect to remedial, developmental, or ESL courses was not made with the appropriate consultation of the University's faculty, its governance bodies, or the University Faculty Senate; and

"WHEREAS, this policy will have an unwarranted disruptive, and punitive effect on many of the students of Queens College, who already are struggling against severe obstacles; be it

"RESOLVED that the Academic Senate of Queens College opposes the unilaterally imposed policy with respect to remedial, developmental, and ESL courses at the Senior Colleges, and urges the Administration and Board of Trustees of the City University of New York to rescind Proposal 17 (of the Board of Trustees Resolution passed on 6/26/95), which deals with these courses."

MOTION: Duly made (Ludman):

"To call the question."

Rothenberg motion passed unanimously.

b. Graduate Curriculum Committee (Wochinger):

MOTION: Duly made:

"To adopt the recommendations of the Graduate Curriculum Committee dated 4/2/97."

Request by Senator Lidov: To divide the report, item by item. The Chair agreed.

The recommendations were adopted, individually, as distributed.

Major Items:

(pages 1-22)

Art.

Change in Requirements for Admission to the degree program for the Master of Fine Arts (HEGIS NO. 1002), on page 37 of the 1996-97 Graduate Bulletin, under "Requirements for Matriculation," to:

These requirements are in addition to the general requirements for admission....

M O R E

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7.b. Committee Reports: Graduate Curriculum Committee (continued):

4. Applicants must demonstrate satisfactory standards of spoken and written English. For applicants whose first language is not English: (a) Interviews are required of those applicants who hold an undergraduate or graduate degree from an accredited American institution of higher

education; (b) All other applicants must submit proof of having achieved a score of 600 or higher on the Test of English as a Foreign Language (TOEFL).

Computer Science.

Change in Admission and Degree Requirements for the Master of Arts Program in Computer Science (HEGIS NO. 0701), on pages 50 and 51 of the 1996-97 Graduate Bulletin, to:

Program for the Master of Arts Degree

The Master of Arts in Computer Science includes courses in four areas of study: Software, Theoretical Foundations, Hardware, and Scientific and Statistical Computing. The Software area is the primary focus of the program, and includes courses in fundamental algorithms, software design, database systems, distributed software systems, operating systems, compiler design, graphics, information organization and retrieval, and artificial intelligence. The Theoretical Foundations courses include the mathematical treatment of such topics as formal language theory, automata theory, and computability theory. The Hardware area course offerings cover topics including computer systems design, networking principles, and distributed hardware systems. The Scientific and Statistical area includes courses in such areas as sequential and parallel numerical algorithms, applications of probability and statistics to the study of hardware and software systems, and principles of simulation and modeling.

All 700-level courses in the department are applicable to the CUNY doctoral program in computer science. Some of the graduate courses in the department are open to students who are not matriculated in the Master's program. Consult the department for details.

Requirements for Matriculation

These requirements are in addition to the general requirements for admission.

Matriculation is based on merit as judged by the Graduate Admissions Committee of the department.

The Committee will expect each candidate for matriculation to have an adequate mathematics background, including integral calculus, probability and statistics, and discrete mathematical structures. Matriculation requirements also include a working knowledge of a high-level object-oriented programming language, assembly language programming, data structures, principles of programming languages, operating systems, and computer organization.

A candidate who is partially deficient in the above requirements may, at the discretion of the Admissions Committee, be admitted subject to the requirement that the deficiencies be removed.

Appropriate means to fulfill this requirement are provided by the department. Courses taken to meet admissions deficiencies do not count toward the credit requirements for the degree.

The Jacob Rootenberg Fellowship Award... scholarship.

Program Requirements

These requirements are in addition to the general requirements for the Master of Arts degree as specified in this bulletin.

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7.b. Committee Reports: Graduate Curriculum Committee (continued):

Each student must complete 30 credits of 700-level courses, including the core courses (Algorithms I, Distributed Computing, Foundations of Computer Science, and Computer Architecture and Networks). In addition, the student must choose one course in each of the three semi-core

categories: Software, Hardware, and Scientific and Statistical Computing. After completion of 21 credits, each student must satisfy a "Capstone Requirement" by completing a Software Development Practicum, a Research Practicum, or a Master's Thesis. The remaining courses may be freely chosen from a variety of "special topics" and seminar courses as well as other courses listed in this Bulletin but which have not been used to meet the student's core, semi-core, and capstone requirements.

Courses in Computer Science

The second digit of each course number represents a particular area.

0 or 1: Software

2: Foundations

4: Hardware

6: Scientific and Statistical Computing

(Courses will be listed in the Graduate Bulletin with full course descriptions.)

Background Courses

603. Data Structures

642. Assembly Language and Computer Organization

Core Courses (Students must take all four.)

700. Algorithms I

715. Distributed Computing

721. Foundations of Computer Science

744. Computer Architecture and Networks

Software Semicore Courses (Students must take at least one.)

701. Software Design

707. Compiler Construction

718. Computer Graphics

Hardware Semicore Courses (Students must take at least one.)

745. Switching Theory

746. Computer Systems

748. Computer Networks

Scientific and Statistical Semicore Courses (Students must take at least one.)

762. Algorithms II

764. Topics in Systems Simulation

766. Probabilistic Models in Computer Systems

Elective Courses

711. Database Systems.

780, 782, 784, 786, 783. Seminars in Computer Science.

790, 792, 794, 796, 793. Special Topics in Computer Science.

799.1-3. Research.

Note: In the seminar and special topic courses the third digit represents the subject area. The numbers 783 and 793 will be given to courses that resist categorization with respect to subject area.

Capstone Courses (Students must take one, after completing 21 credits.)

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7.b. Committee Reports: Graduate Curriculum Committee (continued):

731. Software Development Practicum.

732. Research Practicum.

733. Master's Thesis.

Note: (i) The programming project reports, research reports, and Master's theses submitted by the students shall be placed in the departmental files. (ii) Each capstone course may be taken only after the student has completed 21 credits.

Other courses

788.1-3 Computer Science: Cooperative Education Placement.

Educational and Community Programs: School Psychology.

Change in Requirements for the Master of Science in Education Degree and Advanced Certificate in School Psychology (HEGIS NO. 0826.02, on page 67 of the 1996-97 Graduate Bulletin, to:

The content and sequence of the three-year program are as follows:

	Fall - first year		
	ECPSP 860		Human Development
3			
	ECPSP 772		Theory and Practice in Assessment of Intelligence
and Cognitive Functioning I	ECPSP 863	4	Exceptionality in Human Development
3			
	<u>ECPSP 779</u>		<u>Multicultural Issues in School Psychology</u>
3			
	Spring - first year		
	ECPSP 862		Developmental Psychopathology
3			
	ECPSP 773		Theory and Practice in Assessment of Intelligence
and Cognitive Functioning II	ECPSP 865	4	Learning and Instructional Strategies
3			
	ECPSP 774		Theory and Practice of Personality Eval. I
3			
	Fall - second year		
	ECPSP 770		Behavioral Assessment and Intervention
3			
	ECPSP 775		Theory and Practice of Personality Eval. II
3			
	ECPSP 778		Counseling Techniques for School
Psychologists 3			
	Spring - second year		
	ECPSP 777		Practicum in School Psychology
4			
	ECPSP 867		Consultation in School Psychology
4			
	<u>ECPSP 868</u>		<u>Advanced Counseling Practicum</u>
2			
	Fall - third year		
	ECPSP 771		Professional Issues in School Psychology
3			
	ECPSP 768		Internship in School Psychology I
3			
	ECPSP 764		Research in School Psychology
3			
	Spring - third year		
	ECPSP 769		Internship in School Psychology II
3			

Psychology	ECPSP 864 3	Research Design and Data Analysis in School
	The content and sequence of the four-year part-time program are as follows:	
	Fall - first year	
	ECPSP 860	Human Development
	3	
	ECPSP 772	Theory and Practice in Assessment of Intelligence
and Cognitive Functioning II		<u>4</u>
	<u>ECPSP 779</u>	<u>Multicultural Issues in School Psychology</u>
	<u>3</u>	

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7.b. Committee Reports: Graduate Curriculum Committee (continued):

	Spring - first year	
	ECPSP 862	Developmental Psychopathology
	3	
	ECPSP 773	Theory and Practice in Assessment of Intelligence
and Cognitive Functioning II		<u>4</u>
	Fall - second year	
	ECPSP 770	Behavioral Assessment and Intervention
	3	
	ECPSP 863	Exceptionality in Human Development
	3	
	Spring - second year	
	ECPSP 865	Learning and Instructional Strategies
	3	
	ECPSP 774	Theory and Practice of Personality Eval. I
	3	
	Fall - third year	
	ECPSP 775	Theory and Practice of Personality Eval. II
	3	
	ECPSP 778	Counseling Techniques for School
Psychologists	3	
	Spring - third year	
	ECPSP 777	Practicum in School Psychology
	<u>4</u>	
	ECPSP 867	Consultation in School Psychology
	<u>4</u>	
	<u>ECPSP 868</u>	<u>Advanced Counseling Practicum</u>
	<u>2</u>	
	Fall - fourth year	
	ECPSP 771	Professional Issues in School Psychology
	3	
	ECPSP 768	Internship in School Psychology I
	<u>3</u>	
	ECPSP 764	Research in School Psychology
	3	
	Spring - fourth year	
	ECPSP 769	Internship in School Psychology II
	<u>3</u>	

Urban Studies.

Change in Requirements for the Master of Arts Degree in Urban Affairs (HEGIS NO. 2214), on page 130 of the 1996-97 Graduate Bulletin, to:

CORE SEQUENCE

The following 6- credit core sequence is required of all graduate students in Urban Affairs.

724. Introduction to Public Policy

725. Urban Research Methods

In addition, students must take either:

727. Public Management

or

745. Community Organization

New Courses:

Art: Master of Fine Arts Program.

713. Computer Imaging. 4 hr.; 3 cr. Prereq.: Permission of MFA Committee. An introduction to basic concepts of computer graphics in the context of the full range of visual media traditions, with contemporary applications in the fine and applied arts. Individual projects will further define different areas inherent in the newer media.

Enrollment: 15 students

Frequency: Once a year

M O R E

ACADEMIC SENATE - MINUTES - May 8, 1997

7.b. Committee Reports: Graduate Curriculum Committee (continued):

Art History.

556.6. Independent Study in Asian Art. Hr. to be arranged; 3 cr. Prereq.: Permission of instructor. Work in some particular area of research for candidates for the Master of Science in Education and Master of Fine Arts degree.

Enrollment: 15 students

Frequency: Every semester

756.6. Special Problems in Asian Art. Hr. to be arranged; 3 cr. Work in some particular area of research for advanced candidates in Art History. Approval of the Departmental Committee on Graduate Study is required. May be repeated for credit if the project is different.

Enrollment: 15 students

Frequency: Each semester

790. Thesis. Hr. to be arranged; 3 cr. Prereq.: Approval of Departmental Committee on Graduate Study. Supervised thesis writing.

Enrollment: As needed

Frequency: Each semester

Computer Science.

603. Data Structures. 4 hr.; 3 cr. Prereq.: Computer Science 95 or equivalent. Design and implementation of data structures using C++. Introduction to C++, including objects, classes, and inheritance. Stacks and queues. Pointers and dynamic storage allocation. Linked lists. Recursion. Sorting and searching. Binary Trees. Hash tables.

Enrollment: 30 students

Frequency: Each semester

642. **Assembly Language and Computer Organization.** 4 hr.; 3 cr. Prereq.: Mathematics 601. An intensive course introducing the elements of computer architecture and assembly level programming. Topics include the gate, register and processor level of design, interrupt handling, and input/output facilities. Assembler, linkers, interrupt handling and input/output programming.
Enrollment: 30 students Frequency: Each semester

715. **Distributed Computing.** 3 hr.; 3 cr. Distributed systems design and implementation. Concurrency and modularity. Operating system considerations. Transport-level communication protocols. RPC's. Examples of distributed systems.
Enrollment: 30 students Frequency: Each semester

721. **Foundations of Computer Science.** 3 hr.; 3 cr. Finite automata and regular expressions. Context-free grammars and pushdown automata. Type-0 grammars, Turing machines, and the Church-Turing thesis. Decidability, reducibility, and the recursion theorem. Runtime complexity and NP-completeness.
Enrollment: 30 students Frequency: Each semester

744. **Computer Architecture and Networks.** 3 hr.; 3 cr. The design of CPU, memory and I/O systems. Performance evaluation. Pipeline processor design. SIMD architecture. Communication issues in a distributed computing system. Design of interconnection networks and their applications. Fault-tolerant computer systems.
Enrollment: 30 students Frequency: Each semester

MORE

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7.b. Committee Reports: Graduate Curriculum Committee (continued):

746. **Computer Systems.** 3 hr.; 3 cr. Prereq.: Computer Science 744. Parallel computer models. Program and network properties. Performance metrics and measures. Advanced processor technology, RISC and CISC processors. Software for parallel programming. Current research topics.
Enrollment: 30 students Frequency: Once each academic year

762. **Algorithms II.** 3 hr.; 3 cr. Prereq.: Computer Science 700. A continuation of the material of 700, including algorithms for numerical computation, algorithms for parallel or distributed computers, and probabilistic analysis of algorithms.
Enrollment: 30 students Frequency: Each semester

731. **Software Development Practicum.** 3 hr.; 3 cr. Prereq.: Completion of 21 credits, including Computer Science 701, 707, or 718. Each student will complete a significant software development project, either of his/her own choosing or one selected by the instructor. In general, projects will incorporate the following features in their design: A graphical user interface, concurrent processing, distributed processing, and persistent state across invocations. All projects will include complete and separate documentation for end-users, for installation, and for software maintenance. Project management tools for version and module management, and a complete record of the development stages are required.
Enrollment: 30 students Frequency: Each semester

732. **Research Practicum.** 3 hr.; 3 cr. Prereq.: Completion of 21 credits. Critical review of research in computer science. Students will conduct research on one of the topics given by the

instructor, and gain experience in writing research proposals, actual research process (including the use of libraries and the reading of papers), and in writing research reports. The instructor will give lectures on the selected topics as well as on general research methods, and closely monitor the students' research process.

Enrollment: 30 students

Frequency: Each semester

733. **Master's Thesis.** 3 cr. Prereq.: Completion of 21 credits. A Master's thesis must be accepted by a sponsoring member of the department and by a thesis committee chosen by the department. (For College requirements regarding theses, see page 9 of the 1996-97 Graduate Bulletin.)

Enrollment: 3-4 students

Frequency: Each semester

Educational and Community Programs: School Psychology.

ECPSP 779. **Multicultural Issues in School Psychology.** 3 hr.; 3 cr. This course provides an introduction to and overview of cultural and social influences that impact on individuals' behaviors, attitudes, cognitive styles, and learning styles. Ethnicity, socioeconomic-class, and gender issues in school psychology are presented. The course also provides students with knowledge of cultural characteristics of African Americans, Hispanic Americans, Asian Americans, and Native Americans. In addition, problems in and approaches to multicultural assessment, cross-cultural consultation, and intervention with culturally diverse children and youth are discussed.

Enrollment: 30-35 students

Frequency: Every Fall semester

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7.b. Committee Reports: Graduate Curriculum Committee (continued):

ECPSP 868. **Advanced Counseling Practicum.** 2 hr.; 2 cr. Prereq.: ECPSP 778. Coreq.: ECPSP 777. This practicum provides students with practice in counseling with real clients in field settings. It gives students the opportunity to apply theoretical knowledge about counseling obtained from ECPSP 777, Counseling Techniques for School Psychologists, to real situations. Students spend time weekly in the schools and learn to conceptualize cases and plan their work with clients. They present audiotaped sessions of their work in class on a regular basis where it is reviewed and critiqued. Ethical and legal issues as they relate to counseling are addressed.

Enrollment: 15 students

Frequency: Every Spring semester

Minor Items:

(pages 23-36)

Art.

Change in Course Title and Description:

721. **Individual Problems in Painting and/or Mixed Media.**

721.1. Painting and/or Mixed Media I

721.2. Painting and/or Mixed Media II

721.3. Painting and/or Mixed Media III

721.4. Painting and/or Mixed Media IV

722. **Individual Problems in Sculpture and Installation**

722.1. Sculpture and Installation I

- 722.2. Sculpture and Installation II
722.3. Sculpture and Installation III
722.4. Sculpture and Installation IV

6 hr. plus conf.; 6 cr. each semester. Prereq.: Matriculation in the MFA program and completion of appropriate prior courses. In each of these courses the student will be assigned an instructor or adviser with whom he or she shall meet weekly for criticism, as well as with visiting critics as assigned. The work of the final semester, either 721.4 or 722.4 shall be submitted in the form of a self-selected one-person exhibition of the course work for the Department Committee, and open to the College community, in lieu of a comprehensive examination.

Art History.

Change in Course Description:

756. **Special Problems.** Hr. to be arranged; 3 cr. Work in some particular area of research for advanced candidates in Art History. Approval of the Departmental Committee on Graduate Study is required. May be repeated for credit if the project is different.

756.1. Special problems in Ancient Art... Modern and American Art

Computer Science.

Change in Course Description:

701. **Software Design...** Significant programming projects will be assigned.

745. **Switching Theory.** 3 hr.; 3 cr. Boolean algebra. Symmetric and iterative circuits. Fault detection and location. State equivalence and reduction of completely and incompletely specified machines. State identification and experiments. Linear sequential circuits. Current research topics.

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7.b. Committee Reports: Graduate Curriculum Committee (continued):

799.1, .2, .3. **Research.** 1-3 hr.; 1-3 cr. Prereq.: Permission of department. May be repeated for credit for differing titles, to a maximum of 3 credits... reports.

Change in Course Prerequisite and Description:

707. **Compiler Construction.** 3 hr.; 3 cr. Prereq.: Computer Science 700 and 721. Theory and practice of compiler construction. Topics include theoretical and practical studies of lexical analysis, syntax analysis, type checking, semantic analysis, object code generation and optimization.

718. **Computer Graphics.** 3 hr.; 3 cr. Prereq.: Computer Science 700. Organization... will be assigned.

788.1, .2, .3. **Computer Science: Cooperative Education Placement.** 1-3 hr.; 1-3 cr. Prereq.: Completion of at least three 700-level Computer Science courses and approval by the Departmental Graduate Curriculum and Advisement Committee of a detailed project description submitted by the student. Experiential learning through job placements developed by the Queens College Cooperative Education Program. Opportunities are provided to test, demonstrate, and expand on academic learning in an organizational setting. **This course does not count toward the 30 credits required for the Master of Arts degree in Computer Science.** The grade for this course will be given on a Pass/Fail basis.

Change in Course Prerequisite:

748. **Computer Networks.** 3 hr.; 3 cr. Prereq.: Computer Science 744.
 764. **Topics in Systems Simulation.** 3 hr.; 3 cr. Prereq.: Computer Science 700.
 766. **Probabilistic Models in Computer Systems.** 3 hr.; 3 cr. Prereq.: Computer Science 700.

Educational and Community Programs: School Psychology

Change in Course Hours and Credits:

ECPSP 772, 773. **Theory and Practice in Assessment of Intelligence and Cognitive Functioning I, II.**

4 hr.; 4 cr. each course....

ECPSP 777. **Practicum in School Psychology.** 4 hr.; 4 cr.

ECPSP 867. **Consultation in School Psychology.** 4 hr.; 4 cr.

ECPSP 768. **Internship in School Psychology I.** 3 hr.; 3 cr.

ECPSP 769. **Internship in School Psychology II.** 3 hr.; 3 cr.

ECPSP 768.1. **Internship in Bilingual/Multicultural School Psychology I.** 3 hr.; 3 cr.

ECPSP 769.1. **Internship in Bilingual/Multicultural School Psychology II.** 3 hr.; 3 cr.

Family, Nutrition, and Exercise Sciences.

Change in Course Description:

FNES 771, 772. **Internship in Family, Nutrition, and Exercise Sciences I, II.** Hours and credits for each course: 20 hr. per week including seminar; 3 cr. Prereq.: Permission of department; for FNES 772, FNES 771. Application and analysis of content area learning through internship. Students will work in approved field site placements under the supervision of experienced professionals. The accompanying seminar focuses on roles and responsibilities of professionals, application of knowledge, and education of client populations.

MORE

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7.b. Committee Reports: Graduate Curriculum Committee (continued):

FNES 773, 774. **Internship in Dietetics I, II.** Hours and credits for each course: 40 hr. internship per week plus seminar; 6 cr. Prereq.: Permission of department; for FNES 774, FNES 773. Application and analysis of content area learning in a formal program of in-depth, highly structured, practical internships. Students will work in one or more approved field site placements (clinical, community, and management) under the supervision of experienced Registered Dietitians, Community Supervisors, and/or Food Service Management professionals. The accompanying seminar focuses on application of knowledge, roles and responsibilities of professionals, and education of client populations. Only 6 credits of Dietetics Internship may be counted toward the M.S. in Education degree.

Hispanic Languages and Literatures.

Change in Course Title and Description:

707. **Medieval Spanish Literature: (Variable Title).** 2 hr. plus conf. May be repeated for credit with permission of the Graduate Adviser if the topic is different.

728. **Studies in Spanish American Literature From the End of Modernismo to the 1940's.** May be repeated for credit with permission of the Graduate Adviser if the topic is different.

780. **Seminar in Hispanic Culture and Civilization.** 2 hr. plus conf.; 3 cr. A study of the events and ideological trends of the civilization produced by Spain and Latin America. Students will

read and report on primary texts in fields such as anthropology, archaeology, economics, and political history, and on significant artistic and cultural developments.

History.

Change in Course Prerequisite:

The following course is being removed from "Courses on Reserve".

753. **Studies in Brazilian History.** 2 hr. plus conf.; 3 cr. Readings and discussions of selected topics in the history of Brazil.

Computer Science.

Change in Course Title:

700. **Algorithms I**

Courses Withdrawn:

- 601. **Software Systems I**
- 602. **Software Systems II**
- 615. **Computer Programming**
- 640. **Computer Architecture and Digital Systems**
- 641. **Sequential Machines**
- 645. **Introduction to Switching Theory**
- 690. **Special Topics in Computer Science**
- 703. **Advanced Operating Systems**
- 704. **Real-Time and Systems Programming**
- 708. **Artificial Intelligence**
- 710. **Probabilistic Methods in Artificial Intelligence**
- 712. **Parallel Algorithms**

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7.b. Committee Reports: Graduate Curriculum Committee (continued):

- 713. **Artificial Neural Networks**
- 714. **Logic Programming With Artificial Intelligence Applications**
- 716. **Natural Language Processing**
- 717. **Information Organization and Retrieval**
- 719. **Pattern Recognition and Adaptive Systems**
- 720. **Logical Foundations of Computer Science**
- 722. **Computability and Unsolvability**
- 723. **Analysis of Algorithms**
- 724. **Formal Language and Automata**
- 740. **Computer Architecture**
- 741. **Theory of Sequential Machines**
- 742. **Computer Systems**
- 743. **Microcomputer Design Laboratory**
- 747. **Microprocessors and Microcomputers**
- 760. **Scientific and Statistical Computing**
- 761. **Mathematical Programming**
- 765. **Analysis of Graph Algorithms**
- 768. **Numerical Methods**
- 769. **Computational Methods in Signal Processing**

Addition to Variable Title Course Numbers (To indicate subject area):

780, 782, 784, 786, 783. **Seminars in Computer Science**

790, 792, 794, 796, 793. **Special Topics in Computer Science**

Educational and Community Programs: School Psychology.

Course Withdrawn:

ECPSP 776. **Case Study Procedures**

Hispanic Languages and Literatures.

Course Withdrawn:

708. **Medieval Spanish Prose Literature**

Change in Course Title:

712. **Spanish Poetry of the Siglo de Oro**

715. **Spanish Baroque Literature**

727. **"Modernismo" in Spanish-American Literature**

c. Undergraduate Curriculum Committee (Lord):

i. MOTION: Duly made:

"To adopt the recommendations of the Undergraduate Curriculum Committee of 4/14/97."

The Chair requested the items be moved individually by department.

M O R E

ACADEMIC SENATE - MINUTES - May 8, 1997

7.d. Committee Reports: Undergraduate Curriculum Committee (continued):

ii. MOTION: Duly made (Lidov), seconded and passed:

"To refer Item 8.a) [ENGL 130. Writing Intensive Supplement] back to the committee for changes in the wording."

Items 1 through 7 and 8.b) were adopted.

iii. MOTION: Duly made (Ludman), seconded, and passed:

"Re Item 9, to divide the question, to vote on the concept and the ability to offer the honor section but have specific courses separated from the proposal."

iv. MOTION: Duly made (Ludman) and seconded (Spectorsky):

"To remit paragraphs 1, 2, and 3 of item 9. to the committee for perfection of courses."

v. MOTION: Duly made (Alsop) and passed:

"To table."

1. Urban Studies (97-30)

a) Addition to the LASAR listing in Scientific Methodology and Quantitative Reasoning.
URST 200. Urban Research Methods.

2. Labor Studies (97-30)

a) New Course:

LBST 265. Special Topics in Labor Studies. 3 hr., 3 cr.

This course will discuss selected topics in Labor Studies, usually issues of contemporary importance. Such topics as public sector unionism, labor law reform, or the international labor movement may be discussed.

3. **Classical, Middle Eastern and Asian Languages and Cultures.**

a) New major in Classics (HEGIS 1504) (97-34)

The major in Classics consists of the following:

1. Six courses from the following (18 credits).
Latin 101, Classics 150 (or Comp. Lit. 101), Classics 120 (or a course in the history of ancient Greece), Classics 130 (or a course on the history of ancient Rome), Classics 140, Classics 240 (or a course on the history of ancient philosophy), Classics 250.
2. Classics 300, plus another section of Classics 300 or any appropriate 300-level course or seminar from English, Art, History, Philosophy or Comparative Literature (with the adviser's approval).
3. Four electives (12 credits), chosen in consultation with the adviser from:
Any course in Greek, Latin, or Classics not counted as a core course; Art 110, 205, 206, 207; Comparative Literature 333, 334; Drama 101; English 380; History 113, 205, 206, 207, 208; Philosophy 140, 250, 264.

Students must maintain an average of 2.0 in courses counted toward the major.

M O R E

ACADEMIC SENATE - MINUTES - May 8, 1997

7.d. **Committee Reports: Undergraduate Curriculum Committee** (continued):

b) Addition to the LASAR listing in Humanities III (97-35)

CMAL 102. Cultural Studies: Experiences of Imperial, Colonial and Post-Colonial Life.

4. **European Languages and Literatures** (97-33)

See Undergraduate Bulletin 1996-1998, p. 131. To read:

German

Students who have had less than one and one-half years of high school German normally begin with German 111; those entering with two years normally begin with German 112; those presenting three years usually begin with German 203; and those presenting four years normally begin with course 204. Native speakers should consult the departmental adviser in German for correct placement.

The new German program at Queens was developed (together with other German programs at Hunter College and at GSUC) with a major grant from the National Endowment for the Humanities.

Studies in German at Queens are proficiency-oriented. Students taking German as their foreign language are guided by the undergraduate advisor and the faculty from basic and intermediate language courses to level I and level II elective courses that fit their individual proficiency level.

Oral proficiency interviews (OPI) help to determine the exact standing of each student and his/her placement in the appropriate elective course.

The Major in German

The German Program offers two types of major. Major **A** is intended for students primarily interested in literary texts and their historical and intellectual contexts; major **B** for students who wish to study various aspects of the culture, history, political and social institutions, and current affairs of German-speaking countries. The major in German requires 33 credits beyond German 203 or its equivalent. For course selection contact the undergraduate adviser in German.

The German club maintains a varied program of social and cultural events. The department also houses the Delta Omicron Chapter of Delta Phi Alpha, the national German honor society.

The department encourages interested students to take the various standard examinations such as that for the *Certificate "Deutsch als Fremdsprache,"* issued by the Goethe-Institut in Munich through the Goethe House, New York. Further information about the composition of these tests, as well as about the dates on which they are administered may be obtained from the academic adviser.

The department maintains connections with the University of Kiel for Summer programs and with other German universities for junior-year-abroad programs.

The Minor in German

The minor in German combines the study of German language, literature, and culture with one particular discipline outside the German program. The Department's program in German is designed to appeal to a wide range of interests and to prepare students for a variety of professions. The minor in German requires 15 credits beyond German 203 or its equivalent. For course selection contact the undergraduate adviser.

COURSES

Courses in English

(Not applicable for the major)

MORE

ACADEMIC SENATE - MINUTES - May 8, 1997

7.d. Committee Reports: Undergraduate Curriculum Committee (continued):

41. Masterpieces of German 3 hr.; 3 cr.

Prereq.: English 110. Readings in English translation of some outstanding works of German literature from the beginnings to the twentieth century, illustrating a variety of genres. The specific works to be considered will vary from semester to semester and from section to section, and will be announced in advance. May be taken more than once for credit provided topic is different. ††

50. German Cinema 4 hr.; 3 cr.

The course will treat various aspects of German cinema: historical, cultural, aesthetic, political, technical, etc. In a given semester, the course may deal with a certain tendency (such as the Heimat film), period (such as New German Cinema), or director (such as Lang, Murnau, Fassbinder, or Wenders). Lectures and work will be done in English; films will be shown in the original language with subtitles. May be taken more than once for credit provided topic is different. MAT charge \$7. ††

Basic Language Courses

10. Elementary German for Reading Purposes. 4 hr.; 4 cr.

Introductory course for students who require the elements of a reading knowledge in German. May not be taken for credit by students who have completed German 111 or 112, or equivalent. May not be taken in fulfillment of the Foreign Language requirement. ††

109. Intensive German I-II. 8 hr.; 8 cr.

The contents of German 111 and 112 condensed into one semester.

110. Intensive German III-IV 6 hr.; 6 cr.

Prereq. German 109 or German 111 and 112. Fulfills the language requirement in German. ††

111. Elementary German I. 4 hr.; 4 cr.

Intended for students with no previous knowledge of German. A basic orientation to German language and culture designed to help the student negotiate simple social situations. Practice in reading, writing, speaking, and listening comprehension. Fall, Spring.

112. Elementary German II. 4 hr.; 4 cr.

Prereq.: German 111 or equivalent. A continuation of German 111. Fall, Spring.

203. Intermediate German I. 3 hr.; 3 cr.

Prereq.: German 112 or three years of high school German. A continuation of German 112 designed to bring the student to an intermediate level of proficiency. Comprehensive review of grammar, vocabulary building, and reading of cultural texts at the intermediate level. Fulfills language requirement in German. Fall, Spring

204. Intermediate German II. 3 hr.; 3 cr.

Prereq.: German 203. Reading, conversation, composition, vocabulary building, review of grammar. Counts as an elective course toward the major or minor. Fall, Spring

MORE

ACADEMIC SENATE - MINUTES - May 8, 1997

7.d. Committee Reports: Undergraduate Curriculum Committee (continued):

Introductory Literature Courses

205. Survey of German Literature 1, Level I. 3 hr.; 3 cr.

Prereq.: German 204 or permission of department. Reading and analysis of representative works from the Middle Ages through the end of the sixteenth century; special emphasis on literary values and history. Required for majors and other planning to take elective courses in the department. Spring.

206. Survey of German Literature 2, Level I. 3 hr.; 3 cr.

Prereq.: German 204 or permission of department. Reading and analysis of representative works from the seventeenth century to the present; special emphasis on literary values and history. Required for majors and other planning to take elective courses in the department. Fall.

Advanced Language Courses

223. Conversation. Level I. 3 hr.; 3 cr.

For students who want to refine their fluency in current idiom. Designed to build self-confidence in social situations. Practice in expressing and defending an opinion through group discussions and short presentation on general topics. May not be taken by a native speaker of German. †

224. Advanced Grammar and Stylistics. Level II. 3 hr.; 3 cr.

For students who wish to refine their writing style through a comprehensive review of grammar and writing style. Extensive writing assignments and analysis of contemporary texts. †

228. Advanced Conversation and Composition. Level II. 3 hr.; 3 cr.

For students who want to refine their fluency in current idiom. Group discussions, short presentations, and role plays integrated with writing assignments and grammar review designed to bring the student to an advanced level of proficiency. †

235. German for Business and Industry. 3 hr.; 3 cr.

Designed to introduce the student to German business customs and conventions through acquisition of business terminology, readings of contemporary texts, and practice in business letter writing.†

236. German Media of Today. 3 hr.; 3 cr.

An introduction to contemporary information sources and their influence on German society through an analysis of print, visual and computer media.†

Civilization Courses

310. Art, Music, Literature in German Society 1. 3 hr.; 3 cr.

From Hildegard von Bingen to Mozart: An interdisciplinary approach to the development of a distinct arts and letters tradition in the German-speaking world from the Middle Ages to the Enlightenment.†

311. Art, Music, Literature in German Society 2. 3 hr.; 3 cr.

From Beethoven to Henze: An examination of the development of a distinct arts and letters tradition in the German-speaking world through representative works from the fine arts from the eighteenth century to the present.†

M O R E

ACADEMIC SENATE - MINUTES - May 8, 1997

7.d. Committee Reports: Undergraduate Curriculum Committee (continued):

312. Politics, Religion, and German Society. 1. 3 hr.; 3 cr.

Luther and the consequences of the Reformation. An interdisciplinary study of the development of the German language and culture and the German nation state from Luther's Reformation (1517) to the present.†

313. Politics, Religion, and German Society. 2. 3 hr.; 3 cr.

The Jews from the Middle Ages to the Holocaust. An interdisciplinary study of the interrelationship of the German nation state and the Jews from the Middle Ages to the present.†

314. Minorities in Germany 3 hr.; 3 cr.

An examination of the changing role of minorities in contemporary Germany after Unification.†

315. German Culture in New York City. Directed Research. 1-12 cr.

Prereq. German 204. An overview of the German-speaking presence in New York City. Field trips to historical sites, ethnic enclaves, cultural institutions, and artistic events in the city. Individual or group field projects with approval of the department.†

Elective Courses in Literature

321. Early German Literature. 3 hr.; 3 cr.

Prereq.: German 205 or permission of department. Reading, in modern German translation, of representative works of epic and lyric poetry. Brief survey of German literature in the Middle Ages to Humanism, and from Mysticism to the Reformation, and the Counter-Reformation.††

324. German Enlightenment. 3 hr.; 3 cr.

Prereq.: German 206 or permission of the department. Reading of the works of such authors as Lessing, Mendelssohn, Bodmer, Breitinger, Lichtenberg, and early Goethe and Schiller.††

325. The Age of Goethe. 3 hr.; 3 cr.

Prereq. German 206 or permission of the department. Reading of some of the major works of Goethe (excluding *Faust*), Schiller, Hölderlin, and Kleist.††

326. Romanticism 3 hr.; 3 cr.

Prereq.: German 206 or permission of department. A study of the German romantic tradition. Reading of the works of such authors as Novalis, Eichendorff, Brentano, E.T.A. Hoffmann, and Heine.††

New:

331. The German Theater From Lessing to Heiner Müller. 3 hr.; 3 cr.

Prereq.: German 206 or permission of the department.††

333. German Novels. 3 hr.; 3 cr.

Prereq.: German 206 or permission of the department. Novels of such authors as Goethe, Keller, Meyer, Fontane, Kafka, Mann, Musil, Walser, Frisch, and Grass may be considered.††

M O R E

ACADEMIC SENATE - MINUTES - May 8, 1997

7.d. Committee Reports: Undergraduate Curriculum Committee (continued):

335. German Poetry. 3 hr.; 3 cr.

Prereq.: German 206 or permission of the department. Poems of such authors as Goethe, Schiller, Hölderlin, Mörike, Meyer, Trakl, Brecht, and Bachmann may be considered.††

To read:

350. German Literature in the Industrial Age. From Büchner to Fontane. 3 hr.; 3 cr.

Prereq.: German 206 or permission of the department. Readings may include the works of authors such as Büchner, Keller, Meyer, Grillparzer, Hebbel.††

360. German Literature and Modernity: From Wedekind to the Present. 3 hr.; 3 cr.

Prereq.: German 206 or permission of the department. Readings may include works of such writers as Hauptmann, Kafka, Mann, Brecht, Frisch, Dürrenmatt, and Grass.††

381. Seminar 3 hr.; 3 cr.

Prereq.: At least one 300 level course or permission of the department.††

382. Independent Studies 1 conf. and 9 hr. work; 3 cr. each semester.

Prereq.: Upper junior or senior standing, the completion of at least four elective courses in German and permission by the department.††

5. Anthropology (97-34)

a) New Course:

ANTH 290. Topics in Anthropology: Writing Intensive. 3 hrs., 3 cr. Prereq: English 110. A writing intensive course on topics in anthropology. The course will have exams that include essay questions and 10-15 pages of writing (either several short papers or one longer paper done in stages). Opportunity will be provided for students to receive feedback on their writing and for explanation of the necessary ingredients of a good paper and good writing. May be repeated for credit provided the topic is different.

6. Physics (97-36)

a) New Course:

PHYS 265. Electrical Circuits. 3 hrs., 3 cr. Prerequisite: Physics 146.

Circuit elements and their voltage-current relations; Kirchoff's laws. Elementary circuit analysis. Continuous signals. Differential equations and their application to circuit theory. State variable equations. First and second order systems. Introduction to MicroCap III for circuit analysis.

7. Biology (97-37)

a) New Course:

Bio 25 Biological Evolution. 3 lec. hr.; 3 cr. Prereq.: Biology 11 or High School Biology.

A survey of the evidences for biological evolution, including the origin and history of life, the forces driving change, and human evolution, past, present and future. This course is designed for non-science majors and may not be used to fulfill biology major or minor requirements.

M O R E

ACADEMIC SENATE - MINUTES - May 8, 1997

7.d. Committee Reports: Undergraduate Curriculum Committee (continued):

- b) Addition to the LASAR list for Physical and Biological Sciences, Group B.
Biology 25. Biological Evolution.

8. English (97-38)

b) New course:

ENGL 364. Studies in African Drama, Film, and Literature.

3 hr., 3 cr. Prereq: English 140 or 150 or satisfaction of the Humanities I, Tier I LASAR.

The historical and cultural context of drama, film, orature, and anglophone literature of Africa will be studied. The course may devote attention to postcolonial literary theory, and to related work in literature of the African diaspora. Writers and directors include Achebe, Cissé, Farah, Head, Kaboré, Ngema, Ngugi, Ouedraogo, Sembem and Soyinka.

For Information.

The UCC has accepted the following recommendations of the Writing Intensive Sub-Committee for listing "W" courses:

Will always be listed as "W":

Anthropology 290. Topics in Anthropology: Writing Intensive.
Philosophy 383. Research Paper.

May have sections designated as "W":

CMAL 102. Cultural Studies: Experiences of Imperial, Colonial and Post-Colonial Life
French 45. French Civilization.
Italian 45. Italian Civilization.
English 150. Introduction to Literary Study.
Philosophy 101. Introduction to Philosophy.
Philosophy 104. Introduction to Ethics.
Philosophy 116. Introduction to the Philosophy of Religion.
Philosophy 270. Major Philosophical Thinkers.
Philosophy 272. Problems in Philosophy.

e. Joint Undergraduate Curriculum Committee and Graduate Curriculum Committee Proposal:

MOTION: Duly made and passed unanimously:

"To approve the proposal for Bachelor of Science and Master of Science Degrees in Nutrition and Exercise Sciences."

ACADEMIC SENATE - MINUTES - May 8, 1997

7. Committee Reports (continued):

f. Campus Affairs Committee (Moore):

i. MOTION: Duly made (Lord) and seconded:

"To postpone making a decision about the CUNYCard until the October Senate meeting."

ii. MOTION: Duly made (Sanon), seconded and passed:

"To call the question."

Motion i. failed.

iii. MOTION: Duly made (Van Capelle):

"The Academic Senate opposes the implementation of the CUNYCard. The Academic Senate further requests that any actions which might lead to the implementation of the CUNYCard be delayed until projections of costs and revenues are available and until sufficient operational data are available from other campuses.

"Further, copies of the full Campus Affairs Committee report on the CUNYCard be sent to officers of Queens College, the Chancellor's office and the Board of Trustees."

iv. MOTION: Duly made (Sanon), seconded and passed:

"To call the question."

Motion iii. passed.

8. New Business:

A brief discussion took place on Senator Friedman's announcement regarding the President's Second Five Year Plan.

9. MOTION: Duly made, seconded and passed:

"To adjourn."

The twenty-seventh session of the Academic Senate was adjourned at 6:07 p.m. *sine die*.