

1. **The Holder of the Chair, Elizabeth Lowe, called the meeting to order at 3:50 p.m.**

2. **Approval of Agenda:**

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

"To amend the Agenda, to move the Computer Science proposal (Old Business), which should be item 6.a, not 5.a, and put it under item 5.c Undergraduate Curriculum Committee report."

The agenda was adopted, as amended.

3. **Approval of Minutes:**

MOTION: Duly made, seconded and passed:

"To adopt the Academic Senate meeting minutes of March 13, 2003."

4. **Announcements, Administrative Reports, and Memorials:**

- a. President Muyskens stated how impressed he is by how well this community has functioned during these uncertain times. He assured the body there will be no faculty layoffs. He encouraged students and their relatives to write letters to legislators saying we need a robust budget. He stated the need to keep the retention rates high for students. He explained the advantages for cluster hires in particular areas of research. Pres. Muyskens stated the College's sources of revenue other than state and city, including the work of the Queens College Foundation, annual fund drives, and annual gala. He suggested having a whole session next Fall on health and safety issues. The Powdermaker Hall construction is on target for availability for classes this Fall. He mentioned new degree programs that are planned. President Muyskens took questions.
- b. Rebecca Feder, President of Day Student Association, explained the actions of the students at the last meeting regarding the Computer Science proposal. She thanked the senators and Prof. Lord and other faculty and students for meeting with them and explaining the proficiency exam. Senator Feder gave notice of motion to amend something previously adopted, available on the front table. This will be added to the agenda for the next meeting.

5. **Special Motion:**

MOTION: Duly made, seconded and passed:

"The Queens College Academic Senate supports the following resolution which was adopted unanimously by the Council of Faculty Governance Leaders on February 21, 2003.

"Resolved, that the Council of Faculty Governance Leaders requests that each college president establish or enhance, as the case may be, faculty representation on the board of their college foundations, such faculty to be either nominated and elected by the appropriate faculty governance body or directly nominated and elected from among the faculty of the college, and

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“Be It Further Resolved, that each college be urged to adopt the principle that the college fundraising office be held to the necessity of becoming self-sufficient within a reasonable period of time following the establishment of such office or the increased staffing of such office, and

“Be It Further Resolved, that financial reports should be routinely made available to local campus governance bodies, and

“Be It Finally Resolved, that the Council of Faculty Governance Leaders requests a prompt response from each president to these requests.”

6. Committee Reports:

a. Committee on Athletic Policy (CAP) (Wettan):

- i. The following six students were nominated by the Sports Association Board to serve on the Committee on Athletic Policy from May 2003 to May 2004 (elect three):

Andrea Galas, Cassidy Mariano, Crystal Wilson, Gary DeBerry, Hakim Drissi-Kaitouni, Mikhail Klochkov

The following students were elected: Crystal Wilson, Hakim Drissi-Kaitouni, Mikhail Klochkov

- ii. The faculty member who was nominated to CAP by President James Muyskens is Prof. Michael Toner (FNES) for a two-year term (to May 2005). Prof. Toner was re-elected by the Academic Senate.

b. Nominating Committee (Kaufmann):

- i. The following faculty were nominated to fill expiring seats for a three-year term beginning in September 2003 on the Committee on Honors and Awards:

Pyong Gap Min (Social Sciences) – to 2006
Kevin Brady (Education) – to 2006

MOTION: Duly made, seconded and passed:

“To accept the new slate.”

- ii. The following students were nominated to fill an OPEN Arts & Humanities seat on the Technology and Library Committee:

Dara Uretsky (to December 2003)

Seeing no further nominations, the Chair asked the Secretary to cast one ballot for the nominee.

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6. (continued)

c. Undergraduate Curriculum Committee (Lord):

- i. MOTION: Duly made and passed:

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"To adopt the recommendations of the Undergraduate Curriculum Committee dated 3/6/03."

1. Writing Intensive Subcommittee

- a. W Section
 - i. SEYS 363, SEYS 363W

2. Anthropology (03-07, HEGIS 2202, SED 14865)

a. New Course.

369. Primate Behavior and Ecology.

3 hr.; 3 cr. Prereq.: Anthropology 260 or 262 or two college biology courses and junior standing or permission of instructor.

Examination of the behavior and ecology of non-human primates – lemurs, lorises, galagos, tarsiers, monkeys, and apes – from a biological and evolutionary perspective.

Topics include feeding ecology, predation, socioecology, sexual selection, kin selection, altruism, dominance, life history, reproduction, mating behavior, reproductive strategies, cognition, social intelligence, and communication. The behavioral ecology of primates will also be compared to that of other mammals as a means of seeing how primates fit into their natural world.

3. CUNY Honors College

a. New courses:

HNRS 125 . The Art In New York City

3hr., 3cr. Prereq.: Student in the CUNY Honors College at Queens College.

New York City as a center for the fine and performing arts. Students attend performances and exhibits and are provided with behind-the-scenes access to arts institutions and their personnel. To enhance their appreciation of the arts, students investigate the biographical, social, historical, and artistic contexts of cultural works and participate in a cross-campus project that culminates in a public presentation.

HNRS 126. The Peopling of New York

3hr., 3 cr. Prereq.: HNRS 125 and student in the CUNY Honors College at Queens College. The role of immigration and migration in shaping the past, present and future identity of New York City. Topics include the ways religion, race, ethnicity, and gender influence immigrant experiences, the formation and social organization of various communities, the impact of newcomers on urban culture and politics. Students will work in teams to conduct research on specific communities and subcultures.

MORE

6.c. (continued)

HNRS 225. Science and Technology in New York City

3hr., 3cr. Prereq.: HNRS 126 and student in the CUNY Honors College at Queens College. Major scientific concepts and examination of their relationship to technological developments that affect New York City. Topics vary according to the scientific expertise of the instructor and may include the following: genetic engineering, ecological determinants, energy issues, and AIDS or other diseases.

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Students will read scientific literature and learn the fundamentals of science necessary to understand the readings. Attention will also be given to the historical, ethical, legal, social, and economic ramifications of a topic. Students will engage in scientific inquiry by working in teams to ask and answer questions relevant to the topic and their lives.

HNRS 226. Shaping the Future of New York City

3hr., 3cr. Prereq.: HNRS 225 and student in the CUNY Honors College at Queens College.

Investigation of the formal and informal institutions and forces that underlie decision making about the planning and policy issues relevant to the present, past, and future of New York City. Attention will be given to key historical junctures, agents of change, and inequalities of power. Students will do research projects using both qualitative and quantitative primary sources and will present their research publicly.

- b. Addition to LASAR category "Humanities II":
HNRS 125 The Arts in New York City
- c. Addition to LASAR category "Humanities III":
HNRS 126 The Peopling of New York
- d. Addition to LASAR category "Physical and Biological Sciences, Group B":
HNRS 225 Science and Technology in New York City
- e. Addition to LASAR category "Social Science":
HNRS 226 Shaping the Future of New York City

4. Political Science. (03-09, HEGIS 2207, SED 02817, 76096)

- a. Course to be taken off reserve list:
PSCI 255. Comparative Foreign Policy

ii. MOTION: Duly made:

"To adopt the Computer Science proposal that was tabled at the last Senate meeting."

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

"To call the question."

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6.c. (continued)

Motion *ii* passed.

Computer Science

1. Change in Requirements for the Majors in Computer Science, to read:

BACHELOR OF ARTS DEGREE

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Core Requirements: Computer Science 111, 211, 220, 240, 313, 316, 320, 323, 331, 340, and 370.

Proficiency Test: A passing grade on all three parts of the departmental proficiency test, which covers algorithmic problem solving (APS), computer organization and assembly programming (CO&AP), and discrete mathematics (DM).

Math Requirements: Mathematics 151 and 152 or equivalent (e.g., 141, 142, 143); 241 or 611 or 621.

Science Requirement: Physics 145 and 146, or Biology 107 and 108, or Chemistry 113 and 114.

2. Change in Requirements for the Majors in Computer Science, to read:

BACHELOR OF SCIENCE DEGREE

Core Requirements: Computer Science 111, 211, 220, 240, 313, 316, 320, 323, 331, 340, 343, and 370.

Proficiency Test: A passing grade on all three parts of the departmental proficiency test, which covers algorithmic problem solving (APS), computer organization and assembly programming (CO&AP), and discrete mathematics (DM).

Math Requirements: Mathematics 151 and 152 or equivalent (e.g., 141, 142, 143); 241 or 611 or 621; 231 or 237.

Science Requirement: Physics 145, 146, and 204; or Physics 103 and 204 and Biology 107 and 108; or Physics 103 and 204 and Chemistry 113 and 114.

3. Change in prerequisite, to read:

CSCI 220. Discrete Structures 3 lec. hr.; 3 cr. Prereq.: Mathematics 120 and (151 or 141); prereq. or coreq.: Computer Science 111.

4. Change in number, title, and prerequisite, to read:

CSCI 316. Principles of Programming Languages. 4 lec. hr.; 4 cr. Prereq.: Computer Science 220, 240, 313, and 320, and a passing grade on all three parts of the departmental proficiency test.

MORE

6.c. (continued)

5. Change in number and prerequisite, to read:

CSCI 317. Compilers. 3 hr.; 3 cr. Prereq.: Computer Science 316 and a passing grade on all three parts of the departmental proficiency test.

6. Change in prerequisite, to read:

CSCI 313. Data Structures. 4 hr.; 4 cr. Prereq.: Computer Science 211, 220, and a passing grade on

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the APS and DM portions of the departmental proficiency test.

7. Change in number and prerequisite, to read:

CSCI 363. Artificial Intelligence. 3 hr.; 3 cr. Prereq.: Computer Science 316 and a passing grade on all three parts of the departmental proficiency test.

CSCI 368. Computer Graphics. 3 hr.; 3 cr. Prereq.: Computer Science 220, 313, and a passing grade on all three parts of the departmental proficiency test.

8. Change in prerequisite, to read:

CSCI 320. Theory of Computation. 3 hr.; 3 cr. Prereq.: Computer Science 111, 220, and a passing grade on the DM portion of the departmental proficiency test.

CSCI 343. Computer Architecture. 3 hr.; 3 cr. Prereq.: Computer Science 240 and a passing grade on the CO&AP portion of the departmental proficiency test.

CSCI 323. Design and Analysis of Algorithms. 3 hr.; 3 cr. Prereq.: Computer Science 220, 313, and a passing grade on all three parts of the departmental proficiency test.

CSCI 331. Database Systems. 3 hr.; 3 cr. Prereq.: Computer Science 220, 313, and a passing grade on all three parts of the departmental proficiency test.

CSCI 340. Operating Systems Principles. 3 hr.; 3 cr. Prereq.: Computer Science 220, 240, 313, and a passing grade on all three parts of the departmental proficiency test.

CSCI 342. Operating-System Programming 3 hr.; 3 cr. Prereq.: a passing grade on all three parts of the departmental proficiency test.

CSCI 345. Logic Design Lab. 2 lec., 3 lab. hr.; 3 cr. Prereq.: Computer Science 340 and a passing grade on all three parts of the departmental proficiency test.

CSCI 348. Data Communications. 3 hr.; 3 cr. Prereq.: Computer Science 343 and a passing grade on all three parts of the departmental proficiency test.

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CSCI 344. Distributed Systems. 3 lec., 1 lab. hr.; 3 cr. Prereq.: Computer Science 340 and a passing grade on all three parts of the departmental proficiency test.

9. Change in hours and prerequisite, to read:

CSCI 370. Software Engineering. 3 lec., 1 lab. hr.; 3 cr. Prereq.: Computer Science 220, 313, and a passing grade on all three parts of the departmental proficiency test.

10. New Courses:

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CSCI 332. Object-Oriented Databases. 3 hr.; 3 cr. Prereq.: Computer Science 331 and a passing grade on all three parts of the departmental proficiency test. Review of basic database components and architecture; comparisons of OO databases with relational databases; modeling languages and methods, data definition languages; schema design methodology; the role of inheritance, object identity and object sharing in OODBs; file structures and indexes for OODBs; transaction processing; concurrency control and recovery; development of database applications using a commercial OODB system.

CSCI 335. Information Organization and Retrieval. 3 hr.; 3 cr. Prereq.: Computer Science 331 and a passing grade on all three parts of the departmental proficiency test. Concepts of information retrieval: keywords and Boolean retrieval; text processing, automatic indexing, term weighting, similarity measures; Retrieval models: vector model, probabilistic model; Extended Boolean systems: fuzzy set, p-norm models; linguistic model; Extensions and AI techniques: learning and relevance feedback; term dependence; document and term clustering; network approaches; linguistic analysis and knowledge representation. Implementation: inverted files; efficiency issues for large scale systems; integrating database and information retrieval.

11. Withdraw a Course:

CSCI 341. Computer Organization. 3hr.; 3cr.

d. Campus Environment Committee (Purnell):

i. MOTION: Duly made and passed unanimously:

“Whereas the late Prof. M. Anne Hill was Chair of the Economics Department, Chair of the Executive Committee of the College Personnel and Budget Committee, member of the Campus Environment Committee, participant in the planning for the renovation of Powdermaker, beloved colleague and outstanding teacher, be it

“Moved that the student lounge adjacent to the Department of Economics in the newly renovated Powdermaker Hall be dedicated to the late Prof. M. Anne Hill.”

ii. Senator Purnell announced that a celebration of the life of M. Anne Hill will take place on Monday, April 7, 2003, at 12:00 noon in LeFrak Concert Hall, with a reception following at 1:00 PM in Remsen room 300.

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6. (continued)

e. Graduate Curriculum Committee (den Boer):

MOTION: Duly made and passed:

“To adopt the recommendations of the Graduate Curriculum Committee minutes of March 5, 2003.”

i. AI.5B.1 SPEECH PATHOLOGY - HEGIS CODE 0815.00

Change in requirements for the M.A. in Speech Pathology Program, to:

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3. Candidates must complete a minimum of 400 clock hours of supervised clinical experience in at least three different settings, one of which must be in an elementary or secondary school setting.
4. Candidates must maintain a *B* (3.0) or better grade-point average.
5. Students must consult with the Graduate Coordinator for additional requirements (*e.g.* tests, seminars) to obtain certification from the New York State Department of Education to teach children with speech and language disabilities.

ii. AI.5B.2 SPEECH PATHOLOGY - HEGIS CODE 0815.00

Change in requirements for admission to the M.A. in Speech Pathology Program, to:

By meeting the equivalent of the Queens College Liberal Arts and Sciences area requirements (LASAR), applicants will have had at least 3 semester credit hours in the biological sciences, 3 semester credit hours in physical sciences, 3 semester credit hours in mathematics, and 6 semester credit hours in the behavioral or social sciences.

iii. AI.5B.3 BIOLOGY - HEGIS CODE 0401

Change in requirements for the Master of Arts degree, to:

These requirements are in addition to the general requirements for the Master of Arts degree.

1. Each student's program will be approved by a supervising professor chosen by the student with the approval of the Graduate Adviser.
2. A minimum of either 24 graduate course credits and 6 thesis credits, or 32 graduate course credits is required. A course in biostatistics is highly recommended. Students who have taken a 300-level Queens College Biology course that is also offered at the 600-level may not take the 600-level course for credit. All graduate students must take at least 10 credits of 700-level lecture courses. Furthermore, the combination of 788 (Cooperative Education Placement), 799 (Research), 791 (Colloquium), and 792 (Tutorial) may not exceed 12 credits.
3. Students must participate in two semesters of Biology 791 (Colloquium), one credit each semester.

MORE

6.e. (continued)

4. Programs: Students must choose between the two following options before completing 15 credits of graduate courses:
 - A. Course Oriented.

General Biology. 32 course credits chosen in consultation with the Graduate Adviser. Students in this track are eligible to take Biology 788 (Cooperative Education Placement) and participate in the Graduate Cooperative Education Program. A student who takes the 32-course-credit option will be given a written or oral comprehensive examination based on the core courses and the student's area of concentration after at least 24 course credits have been completed. Each student will be limited to two attempts to pass this examination.

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B. Research Oriented.

Participation in thesis research is subject to approval of a thesis adviser.

An oral examination shall be a requirement of the research-oriented Biology M.A. degree and shall be conducted by an Examination Committee established for each candidate. The Chairperson of the Examination Committee shall be a member of the Biology Department, chosen by the candidate in consultation with the Biology Department M.A. Adviser. The remaining members of the Committee shall be chosen by the Committee Chairperson in consultation with the candidate. The content and nature of the oral examinations shall be determined by the Chairperson of the Examination Committee in consultation with the student to be examined. Each student will be limited to two attempts to pass this examination.

Cellular, Molecular, and Developmental Biology. 24 credits chosen in consultation with the thesis adviser, plus 6 credits of research under the direction of a thesis supervisor.

Evolution, Ecology, and Behavior. 24 course credits chosen in consultation with the thesis adviser, plus 6 credits of research under the direction of a thesis supervisor.

Courses in Biology

600-Level Courses

iv. NEW COURSES

1) AII.5B.1 PHYSICS - HEGIS CODE 1902

PHYSICS 791. Colloquium 1 hr. ; 1 cr.; Prepare a report on the topics presented at the weekly physics colloquium. This course may be taken in two different semesters for credit.

Projected Enrollment: 4

Projected Frequency: Each semester

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6.e. (continued)

2) AII.5B.2 PHYSICS - HEGIS CODE 1902

PHYSICS 798. Thesis. 3 hr.; 3 cr.; Prereq.: Completion of 20 credits at the graduate level. Preparation of a thesis under the guidance of a faculty mentor.

Projected Enrollment: 4

Projected Frequency: Each semester

3) AII.5B.3 BIOLOGY - HEGIS CODE 0401

BIOLOGY 723. Ornithology. 3 hr. lec., 3 hr. lab.; 4 cr.; Prereq.; A course in evolution or in some major group of organisms is expected. Permission of the instructor required. The evolution, classification, origin of flight, anatomy, physiology, migration, ecology, and

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reproductive behavior, and conservation of birds. Laboratory includes techniques used in ornithological research and field trips to focus on bird identification and behavior. Students will be expected to attend at least one overnight field trip to Caumsett State Park or Cape May, N.J. A library research paper will be submitted and presented in class.

Projected Enrollment: 15

Projected Frequency: Once each year

4) AII.5B.4 BIOLOGY - HEGIS CODE 0401

BIOLOGY 706.3. Special Topics in Systematics. 3 hr.; 3 cr.; Prereq.; A course in evolution or in some major group of organisms. Topics in classification, phylogenetic inferences, and systematics of a group of organisms. Course may be taken more than once if topic changes.

Projected Enrollment: 15

Projected Frequency: Once each year

v. Changes in course number, title, description, credits, hours co- or prerequisites, to:

1) AIV.5B.1 BIOLOGY - HEGIS CODE 0401

BIOL 798.1. Molecular, Cellular, and Developmental Biology Data Club. 1 hr.; 1 cr. Prereq.: At least one graduate-level course in molecular genetics, cell biology, developmental biology, or biochemistry. Seminar-format course consisting of student and faculty oral presentations. Topics of presentations will be taken from the student's or faculty's own research. Course may be taken more than once if topic changes.

2) AIV.5B.2 BIOLOGY - HEGIS CODE 0401

BIOL 797.1. Molecular, Cellular, and Developmental Biology Journal Club. 1 hr.; 1 cr. Prereq.: At least one graduate-level course in molecular genetics, cell biology, developmental biology, or biochemistry. Seminar-format consisting of student and faculty oral presentations. Topics of the presentations will be taken from journal articles in the scientific literature. Course may be taken more than once if topic changes.

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6.e. (continued)

3) AIV.5B.3 BIOLOGY - HEGIS CODE 0401

BIOL 794.1. Ecology and Evolutionary Biology Journal Club. 1 hr.; 1 cr. Prereq.: At least one graduate-level course in molecular genetics, cell biology, developmental biology, or biochemistry. Seminar-format consisting of student and faculty oral presentations. Topics of the presentations will be taken from journal articles in the scientific literature. Course may be taken more than once if topic changes.

4) AIV.5B.4 BIOLOGY - HEGIS CODE 0401

BIOL 793.9. Seminar in Special Topics. 2 hr.; 2 cr. Course may be taken more than once if topic changes.

5) AIV.5B.5 BIOLOGY - HEGIS CODE 0401

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BIOL 791. Colloquium. 1 hr.; 1 cr. Graded on Pass/Fail basis only. Course may be taken more than once if topic changes.

6) AIV.5B.6 BIOLOGY - HEGIS CODE 0401

BIOL 790.1. Seminar in Evolution. 3 hr.; 3 cr. Topics relating to the general subject of evolution. Course may be taken more than once if topic changes.

7) AIV.5B.7 BIOLOGY - HEGIS CODE 0401

BIOL 790.5. Seminar in Developmental Biology. 3 hr.; 3 cr. Prereq.: Biology 750 or equivalent and/or permission of instructor. Special topics in developmental biology emphasizing recent work relating to problems of chemical embryology, induction and tissue interaction, genes in development, hormones in development, differentiation and growth, teratology, and regeneration. Course may be taken more than once if topic changes.

8) AIV.5B.8 BIOLOGY - HEGIS CODE 0401

BIOL 790.6. Seminar in Ecology. 3 hr.; 3 cr. Prereq.: Biology 760.1 or equivalent and/or permission of instructor. Seminar in topics of the interrelationships of plants and animals with their biotic and abiotic environments. Course may be taken more than once if topic changes.

9) AIV.5B.9 URBAN AFFAIRS - HEGIS CODE 2214

UBST 785. Tutorial. Hr. to be arranged; 3 hr.; 3 cr. Advanced work involving specialized readings and research on a topic chosen by the student and faculty sponsor. Includes regular conferences with the sponsor and preparation of a paper. (May be taken twice if the topics are different.) Fall, Spring.

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6.e. (continued)

- vi. The FNES Department requests that FNES 727 (Clothing and Social Science Theory) be returned from the Inactive List of Courses. This course is to be returned to the regular rotation of offerings beginning with Summer Session II of 2003.

The catalogue listing is:

FNES 727. Clothing and Social Science Theory. 3 hr.; 3 cr. Survey of theoretical and research-based readings in the study of clothing from sociological, psychological, economic, and anthropological perspectives.

7. MOTION: Duly made (Frisz), seconded and passed:

“To adjourn.”

The meeting was adjourned at 4:55 p.m. The next Special Academic Senate meeting will be held on Thursday, May 8, 2003.