

**MINUTES OF THE ACADEMIC SENATE OF QUEENS COLLEGE
19, 2004
Kiely Hall, Room 170**

February

1. **The Holder of the Chair, Elizabeth Lowe, called the meeting to order at 3:45 p.m.**

2. **Approval of Agenda:**

MOTION: Duly made and seconded:

"To approve the agenda."

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

"To amend the agenda, to add the nominations for honorary degrees from the Honors and Awards Subcommittee on Honorary Degrees under New Business."

The agenda was approved, as amended.

3. **Approval of Minutes:**

MOTION: Duly made, seconded, and passed:

"To approve the Academic Senate meeting minutes of December 11, 2003, as distributed."

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

a. A Memorial Statement for Stanley Hirshon, Professor of History, who died on December 26, 2003, was read by Professor Frank Warren (see Attachment A).

The Senate paid its respects by rising for a moment of silence.

b. Senator David Rozner announced that the Office of Career Developments and Internships and the Student Association will be sponsoring a Career Fair next Wednesday, February 25, 12-3 PM, in the Student Union, 4th floor.

c. The Chair called attention to one of the handouts, Academic Senate Committee Roster Openings as of February 1, 2004. She encouraged the body to participate on a Senate committee and speak to colleagues about participating on a committee.

d. Dean Thomas Streckas, Dean of the Division of Mathematics and Natural Sciences, gave an informative slide presentation, answering questions he received from the Executive Committee. He discussed grant funding and challenges ahead, including maintaining and increasing enrollment, funding, and space and facilities issues. He spoke of the Science Honors program and other initiatives that are available to students. If students have difficulty due to a language barrier, they should speak with the instructor, or if necessary, write to the course coordinator or dean. Dean Streckas took questions.

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5. Committee Reports:

a. Graduate Curriculum Committee (Miller):

i. MOTION: Duly made:

“To approve the recommendations of the Graduate Curriculum Committee report dated November 19, 2003.”

Editorial change: To add the Justification to the Graduate School of Library and Information Studies Minor Change in Course Hours:

“At its faculty retreat in April, 2002 the GSLIS faculty approved a change in class hours to reflect a pedagogy more appropriate to its graduate curriculum and used in practice, a 3-credit, 3-hour course. This is consistent with the current standard of ALA accredited schools.”

The motion was approved, as amended.

a. Changes in Degree Program Major Items

AI.5B.1 MUSIC EDUCATION HEGIS CODE 0832.00

Change in requirements for the MEd. Degree in Music, to:

...The graduation requirement is 33-35 credits. (See Special Program Requirements-Both Tracks below).

...Further, the student will be allowed 9 credits of electives.

Add:

Special Program Requirements - Both Tracks

Students in both the Initial and Professional tracks are required to take one music history/literature course. For students entering either track of the program on or after Fall, 2004, a music history qualifying examination will be administered during their first semester. Passing the exam will allow the student to take a music history course of his or her choosing. Failing the exam will mean that the student must take MUS 768- Western Music History Survey (3 hrs., 2 cr.) as a prerequisite to taking a required history course (thus the 2 credit variation in the graduation requirements noted above.

b. New Courses Major Items

1) AII.5B.1 SCHOOL OF EARTH AND ENVIRONMENTAL SCIENCES

GEOL 762. Shallow Subsurface Geophysics. 2 hrs. lec.; 2 hrs.. recitation/demonstration; 3 cr. Prereq or Coreq. 2 semesters undergrad. Calculus; 2 semesters undergrad physics; or equivalents. Graduate course will train environmental scientists, technologists to apply geophysics to field methods and procedures, and to train in magnetic methods. Training will also include electromagnetic, gravimetric and marine seismological methods.

Projected Enrollment: 10-20 Projected Frequency: Every third semester

MORE

5.a. continued

GEOL 763. Geographic Information Systems and Geologic Mapping. 3 hrs.; 3 cr. Prereq.

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or Coreq. Graduate standing in Geology, Environmental Science, or related discipline. Introduction to the uses of Geographic Information Systems in geologic mapping and environmental fieldwork. Hands-on application of GIS techniques and digital information to prepare base maps, plan field programs, record and analyze data, and prepare a professional-quality maps and poster presentations.

Projected Enrollment: 20 Projected Frequency: Once a year

GEOL 764. Contaminant Hydrology. 3 hrs.; 3 cr., Prereq. or Coreq. GEOL 745. This course provides a largely quantitative understanding of the processes controlling physical transport and biogeochemical reactions that determine contaminant concentrations in groundwater resources. The content will include the sources and different types of groundwater contaminant, the mechanisms that control contaminant behavior, and the most up-to-date technologies for groundwater remediation.

Projected Enrollment: 10-20 Projected Frequency: Every third semester

GEOL 765. Surface Processes and Products. 2 hrs. lec., 3 hr. lab; 3 cr. Field trips may be required. The origin of terrestrial and near shore sediments, sediment sequences, soils and land forms. Emphasis is placed on the laboratory and field techniques used in areal surficial and shallow subsurface surveys.

Projected Enrollment: 10-20 Projected Frequency: Every third semester

GEOL 767. Field Techniques in Environmental Sciences. 9 hrs. lab.; 3 cr. Prereq. or Coreq. GEOL 701, plus two advanced GEOL/ENSCI grad courses. Series of exercises designed to train students to collect reproducible data in the field, to analyze and interpret the data, and to present their findings in maps, written reports and supporting illustrations.

Projected Enrollment: 10-20 Projected Frequency: Every third semester

GEOL 768. Soils, Wetlands and Bioremediation. 2 hrs. lec.; 3 hrs. lab.; 3 cr. Prereq. or Coreq. Undergraduate major in Biology/Chemistry/Environmental Science or Geology. An introduction to wetland science, with an emphasis on the capacities of wetlands and soil systems for biogeochemical remediation of pollutants. The course will begin with an overview of wetland structure, diversity and function, with particular emphasis on biogeochemical mechanisms of nutrient cycling and pollutant uptake and degradation. Engineering, design and monitoring necessary for wetlands construction and restoration will be covered. Case studies will be examined of uses of wetland for wastewater, heavy metal and hydrocarbon treatment in a variety of climate regimes. Scientific, management, policy and regulatory implications of this approach to pollution control and mitigation will also be explored.

Projected Enrollment: 10-20 Projected Frequency: Every third semester

2) AII.5B.2 BIOLOGY

Biology 587. Evolutionary Biology. 3 hrs. lec.; 1 hr. rec.; 4 cr. Prereq: Biology 108. Not open to students who have completed Biology 287. The mechanisms and processes of biological evolution. Designed for the Master of Science in Education candidates who are concentrating in science education. Cannot be used to fulfill requirements for the Master of Arts degree in Biology.

Projected Enrollment: 12 students per section Projected Frequency: Once per year

MORE

5.a. continued

c. Changes in Course Number, Title, Description, Credits, Hours, Co- or Pre-Requisites

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1) GRADUATE SCHOOL OF LIBRARY AND INFORMATION STUDIES

AIV.5B.1 Change in Course Hours, to:

- GLIS 700. The Technology of Information. 3 hr.; 3 cr.
- GLIS 701. Fundamentals of Library and Information Science. 3 hr.; 3 cr.
- GLIS 702. Information Sources and Service: General 3 hr.; 3 cr.
- GLIS 703. Introduction to Technical Services. 3 hr.; 3 cr.
- GLIS 705. Organization and Management. 3 hr.; 3 cr.
- GLIS 709. Research and Bibliographic Methods. 3 hr.; 3 cr.
- GLIS 711. Collection Development. 3 hr.; 3 cr.
- GLIS 713. Information Sources and Service: Science and Technology. 3 hr.; 3 cr.
- GLIS 715. Information Sources and Service: Social Sciences. 3 hr.; 3 cr.
- GLIS 717. Information Sources and Service: Humanities. 3 hr.; 3 cr.
- GLIS 719. Government Information Sources. 3 hr.; 3 cr.
- GLIS 721. Advanced Technical Services. 3 hr.; 3 cr.
- GLIS 723. Problems in Organization of Material. 3 hr.; 3 cr.
- GLIS 725. Bibliographic Control of Non-Print Material. 3hr.; 3cr.
- GLIS 727. Serials Librarianship 3 hr.; 3 cr.
- GLIS 731. Development of Books and Printing. 3 hr.; 3 cr.
- GLIS 732. Archives and Manuscripts. 3 hr.; 3 cr.
- GLIS 733. Fundamental of Library Conservation and Preservation. 3 hr. 3 cr.
- GLIS 734. Art Librarianship. 3 hr.; 3 cr.
- GLIS 735. History of Children's Literature to the Twentieth Century. 3 hr.; 3 cr.
- GLIS 736. Records Management. 3 hr.; 3 cr.
- GLIS 737. Literature for Children and Adolescents. 3 hr.; 3 cr.
- GLIS 739. Literature for the Young Adult. 3 hr.; 3 cr.
- GLIS 740. The Information Environment in Contemporary Society. 3 hr.; 3 cr.
- GLIS 741. Information System Analysis and Design. 3 hr.; 3 cr.
- GLIS 743. Information Access System: Indexing, Abstracting, and Other Access System. 3 hr.; 3 cr.
- GLIS 745. Online and Optical Information Systems. 3 hr.; 3 cr.
- GLIS 747. Selected Technology Applications in Information Management. 3 hr.; 3 cr.
- GLIS 749. Libraries and the Internet. 3 hr.; 3 cr.
- GLIS 751. The Design and Evaluation of Visual Information. 3 hr.; 3 cr.
- GLIS 755. Digital Libraries. 3 hr.; 3 cr.
- GLIS 761. Organization and Management: Media Center. 3 hr.; 3 cr.
- GLIS 763. Nonbook Materials Sources and Service. 3 hr.; 3 cr.
- GLIS 765. Resources for the School Curriculum. 3 hr.; 3 cr.
- GLIS 767. Reading Motivation Techniques for Children and Adolescents. 3 hr.; 3 cr.
- GLIS 771. Organization and Management: Public Libraries. 3 hr.; 3 cr.
- GLIS 773. Public Library Services for Children. 3 hr.; 3 cr.
- GLIS 775. Librarianship in a Multicultural Society: Material and Services. 3 hr.; 3 cr.
- GLIS 777. Planning and Delivering Young Adult Services in the Public Library. 3 hr.; 3 cr.

MORE

5.a. continued

GLIS 780. Organization and Management: Academic and Research Libraries. 3 hr.; 3 cr.

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GLIS 781. Organization and Management: Special Libraries and Information Center. 3hr.; 3 cr.

GLIS 784. Health Sciences Librarianship. 3 hr.; 3 cr.

GLIS 786. Business Information Sources. 3hr.; 3 cr.

GLIS 788. Law Librarianship. 3 hr.; 3 cr.

ii. MOTION: Duly made and passed:

“To approve the English Department’s Letter of Intent for Beginning an M.F.A. Program in Creative Writing.”

b. Undergraduate Curriculum Committee (Lord):

MOTION: Duly made and passed:

“To adopt Item 3 of the recommendations of the Undergraduate Curriculum Committee report dated December 11, 2003.”

3. Comparative Literature (03-48)

a. New course:

Comparative Literature 242. Francophone Literature in a World Context.
3 hours, 3 credits.

A survey of Francophone literature and some central historical and theoretical questions that have arisen in relation to this literature. A selection of novels and short stories will be studied from Francophone areas such as the Caribbean, West Africa, and North Africa. Emphasis will be on the cultural references and contexts of the French speaking population in each country or region and the use of the French language for writing literary texts. French language texts will be compared with indigenous language texts in each context. Texts will be read in English translation. Students with reading knowledge of French may read the texts in the original.

b. Addition to LASAR Humanities I, Tier 2 and Pre-industrial/Non-western: CMLIT 242

ii. MOTION: Duly made:

“To adopt the recommendations of the Undergraduate Curriculum Committee report dated January 13, 2004.”

Editorial correction: On first page, numbered page 2, item 1. Mathematics, in the ‘To read’ section, the second sentence should read: “...(a) one course from list X and three from list X or Y, or (b) two courses from list X and one from list X or Y.”

MORE

5.b. continued

1. Mathematics (03-49)

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Mathematics 231 or 237; 201, 505; 241 or 611; 518, 220; 333 or 613; 385, Computer Science 111 and 211; Secondary Education 201, 221, 340, 350, 361, 371, 381.
Additional courses as follows: (a) one course from list X and three from list X or Y, or (b) two courses from list X and one from list X or Y

List X: Mathematics 310, 317 (or 617), 609, 612, 618, 619, 626 and 634.
Mathematics 310 is recommended for those who expect to teach calculus. Also especially recommended are 317 (or 617), 618 and 619.

List Y: Mathematics 202, 223, 232, 242, 245, 247, 248, 320 and all 500- and 600-level courses not already used to satisfy the above requirements. Mathematics 202 is usually required for entry into master's degree programs in mathematics.

A year of college physics is recommended.

- b. Change to Major (Elementary Education Option), to read:

The Elementary Education Option

Required: Mathematics 119, 141-143, (or 151-152), 220, 231, 241, 509, 518 (or 618), and Computer Science 80 or higher. One additional math course will be chosen with the advice and approval of the student's Mathematics department adviser. Each student must obtain a Mathematics department adviser by the beginning of the junior year.

- c. Change in description, to read:

Mathematics 220. Discrete Mathematics.

3 hr.; 3 cr. Prereq.: One semester of calculus or permission of the instructor. Topics taken from the subjects of logic and switching circuits, set theory, combinatorics, graph theory, and their applications. Not open to students who have received credit for Mathematics 120. (SQ) Fall

- d. Change in description, to read:

Mathematics 141. Calculus/Differentiation. 3 hr.; 3 cr. Prereq.: Mathematics 122, or placement by departmental exam, or permission of the department.

The first part of a three-semester sequence (Mathematics 141, 142, 143), covering the same material as Mathematics 151 and 152. Credit is given for each course satisfactorily completed; a student need not take the entire sequence. Not open to students who are taking or who have passed Mathematics 131 or 151. (SQ) Fall, Spring

M O R E

5.b. continued

- e. Change in description, to read:

Mathematics 151. Calculus/Differentiation & Integration. 4 hr.; 4 cr. Prereq.: Mathematics 122, or placement by departmental exam, or permission of the

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intended for students who want to study mathematics, physics, chemistry, or engineering. Credit is given for each course satisfactory completed; a student need not take the entire sequence. Students who want a less rapid introduction to calculus should take Mathematics 141. Topics include sets, inequalities, straight lines, circles, functions, limits, continuity, the derivative, formulas of differentiation, implicit differentiation, velocity, acceleration, maxima and minima, Rolle's theorem, the mean value theorem, points of inflection, curve sketching, antiderivatives. Not open to students who are taking or who have passed Mathematics 131 or 141. (SQ) Fall, Spring

- f. Change in description, to read:

Mathematics 385. Mathematical Foundations of the Secondary School Curriculum. 3 hr.; 3 cr. Prereq.: Mathematics 201 or permission of instructor. Designed to give prospective secondary school mathematics teachers an understanding of the mathematics they will be teaching as well as the history of mathematics. An examination will be made of the thought underlying the secondary curriculum, from a consideration of the nature of mathematics and mathematical thought to the construction of simple mathematical models drawn from secondary school topics. Spring

- g. Change in prerequisite, to read:

Mathematics 113. Ideas in Mathematics.
3 hr.; 3 cr. Prereq.: Two and one-half years of high school mathematics including intermediate algebra.

- h. Change in prerequisite, to read:

Mathematics 114. Elementary Probability and Statistics.

3 hr.; 3 cr. Prereq.: Two and one-half years of high school mathematics including intermediate algebra.

- i. Change in prerequisite, to read:

Mathematics 116. Mathematics of Finance.
3 hr.; 3 cr. Prereq.: Knowledge of intermediate algebra.

- j. Change in prerequisite, to read:

Mathematics 119. Mathematics for Elementary School Teachers.
3 hr.; 3 cr.

MORE

5.b. continued

- k. Change in hours and credits, to read:

Mathematics 237. Honors Linear Algebra.
4 hr.; 4 cr. Prereq.: Permission of Chair.

2. Bachelor of Arts in Applied Social Sciences (BASS) (03-50)

a. UBPST 2424 may be accepted in lieu of UBPST 101 for purposes of fulfilling the Urban

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Studies major;

- b. URBST 2434 be accepted, as is URB 101, for purposes of fulfilling the social science LASAR requirement.

3. Psychology (03-51)

- a. Change in hours and credits and description, to read:

Psychology 107. Statistical Methods.

4 Hr. Lec., 2 hr. lab, 4 cr. Prereq: Demonstration of current mathematical competency equivalent to 2 _ years of high school mathematics as defined by performance on the Queens College Mathematics Placement Exam. This mathematics prerequisite may also be fulfilled by evidence of satisfactory completion of Math 110 or 122 (or their equivalent).

Data reduction, analysis, and reporting of frequency distributions, curve fitting, correlation, estimation, and hypothesis testing on evidence from one, two or more samples and from factorial designs including interaction (SQ)

- b. Change to the Major, to read:

Psychology Minimum Credit Requirement: A minimum of 36 credits in Psychology, including Psychology 101, 107, 213W or 213 and one advanced research course from among 311-321.

- c. Change in prerequisites, to read:

PSYCH 216 Developmental Psychology : Adulthood and Aging
3 hr.; 3 cr. Prereq.: Psychology 101.

4. English (03-52)

- a. New course.

English 270. Asian-American Literature.

3 credits, 3 hours. Prerequisites: English 140 or 150 or satisfaction of the Humanities 1, Tier 1 requirement. Literature of the Asian American Diaspora, including figures such as Carlos Bulosan, Maxine Hong Kingston, Li-Young Lee and Lois-Ann Yamanaka. Topics for investigation will include generational conflict, theoretical models of nationality and ethnicity, religion, politics, gender and sexuality, social class and intra-ethnic disputes.

MORE

5.b. continued

5. French (03-53)

- a. New Course

French 370VT. Topics in Francophone Literature.

3hr.; 3 cr. Prereq.: French 206 or 228 or permission of the department.

Reading and discussion of major works from French-speaking West Africa, the Maghreb, the Caribbean, and Canada. Authors studied may include Senghor, Césaire, Damas, Fanon,

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for credit provided that the topic is different. (H2T2, PN)

- b. Addition to LASAR categories H2T2 and PNWC:
French 370. Topics in Francophone Literature

6. Biology (03-55)

- a. New course:

Biology 287. Principles of Evolutionary Biology.
3 hr lec,; 1 hr rec.; 4 cr. Prereq. Biol 108.
The mechanisms and processes of biological evolution.

- b. New course

Biology 10. Laboratory in Introductory Biology.
3 hr lab, 1 cr. Pre- or coreq. Biology 9.
Laboratories in the topics of introductory biology as presented in biology 9. May not be used to fulfill biology major or minor requirements. Not open to students who have taken biology 8 or 11. Mat charge, \$25.

- c. Addition to LASAR category: Physical/Biological Sciences Group A:

Biology 10. Laboratory in Introductory Biology

- d. New course

Biology 325. Animal Anatomy and Physiology I.
3 hr lec, 1 hr rec, 3 hr lab. 4 cr. Prereq. Biology 286, Chem 114, or equivalents, or permission of instructor.
The structure, function and integration of the nervous, musculoskeletal, and circulatory systems. Mat charge \$25.

MORE

5.b. continued

- e. New course

Biology 326. Animal Anatomy and Physiology II.
3 hr lec, 1 hr rec, 3 hr lab. 4 cr. Prereq. Biology 286, Chem 114, or equivalents, or permission of instructor.
The structure, function and integration of the respiratory, osmoregulatory, digestive, and endocrine systems. Mat charge \$25.

- f. Change in prerequisites, to read:

Biology 355. Laboratory in Evolution.
1 hr rec, 3 hr lab, 2 cr. Prereq. Biology 285 plus 287 or Biology 287 plus 354.

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g. Change in requirements for the biology major (HEGIS 02696 and HEGIS 26453), to read:

Required courses are biology 107, 108 and two of 285, 286, or 287.

c. **International Student Affairs Committee** (Phyllis Proctor):

MOTION: Duly made:

“That CUNY should reinstate the provision of capping of maximum tuition paid by international students (non-resident) for 12-18 credits/semester.”

Editorial amendment:

“The Queens College Academic Senate recommends that CUNY reinstate the provision of capping of maximum tuition paid by international students (non-resident) for 12-18 credits/semester.”

The motion was adopted, as amended.

d. **Special Committee on Technology and Library** (Shelly Warwick):

MOTION: Duly made:

“To adopt the committee resolution regarding installing a backup generator for emergencies (see Attachment B).”

Editorial change (Lord): In the first ‘Be it resolved,’ last line should read “...computer systems operational...”

Motion was adopted, as amended.

6. **New Business:**

a. **Honors & Awards Committee: Subcommittee for Honorary Degrees** (Susan Rotenberg):

MOTION: Duly made:

"To award an honorary degree of Doctor of Humane Letters, *Honoris Causa* to Mr. Jimmy Heath and Dr. Jeffrey H. Kordower.”

Editorial change (R. Rothenberg): In the first sentence of the bio of Dr. Kordower, remove “former” and change “alumni” to “alumnus.”

Motion adopted, as amended.

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

“To elect Jordana Brown to the Undergraduate Curriculum Committee.”

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- c. Announcement (Warwick): The Special Committee on Technology and Library is required to elect two people to be on the Technology Fee Committee. If you know of someone who would like to be on the committee, please e-mail Prof. Warwick at Shelly_Warwick@qc.edu.

7. MOTION: Duly made, seconded and passed:

"To adjourn."

The meeting was adjourned at 4:55 p.m. The next Regular Academic Senate meeting will be held on Thursday, March 11, 2004.