

MINUTES OF THE ACADEMIC SENATE OF QUEENS COLLEGE March 14, 2019

The meeting will come to order:

Chair Roberta Brody called the meeting to order at 3:46 p.m.

1. Approval of Agenda:

- i. MOTION: Duly made by Chair Brody:

“To approve the Agenda”

Hearing no objection, the Chair moved unanimous consent.

2. Approval of Minutes:

- i. MOTION: Duly made by Chair Brody:

“To approve the Minutes dated February 14, 2019”

Hearing no objection to the motion the minutes were approved as distributed.

3. Announcements, Administrative Reports and Memorials:

(None)

4. Special Motions:

(None)

5. Committee Reports

5a. Undergraduate Curriculum Committee

- i. MOTION: Duly made by Ken Lord, Chair of the UCC Committee:

“To accept the UCC minutes of February 14, 2019 as distributed”

Hearing no objection to the motion, the Chair moved unanimous consent.

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(5a. UCC continued)

A. General Education

Numbered proposals available for review at senate.qc.cuny.edu/Curriculum

1. General Education Advisory Committee

| | | |
|-----|------------|---------|
| 878 | ARTS 388 | CE |
| 877 | MUSIC 377 | SYN |
| 880 | MUSIC 101 | CE |
| 881 | MUSIC 247W | IS |
| 882 | MUSIC 246W | WCGI |
| 883 | CSCI 111 | SW, SCI |
| | PHYS 5 | SW, SCI |

2. Mathematics and Quantitative Reasoning Advisory Committee

No report.

3. Writing Intensive Advisory Committee.

No report.

4. STEM variant courses.

None.

B. Curriculum Changes

1. Biology

a. Change in prerequisites.

TO READ:

BIOL 201. General Microbiology. 2 lec., 1 rec.,
3 lab. hr.; 4 cr. Prereq.: BIOL 105 and 106; CHEM 102.1, 102.3 or 114.1 and 114.4 or
equivalent. Significance, structure, metabolism, and functions of microorganisms; the basic
bacteriological techniques of culture, isolation, and identification.

b. Change in prerequisites.

TO READ:

BIOL 213. Field Botany. 2 lec., 1 rec., 3 lab. hr.;
4 cr. Prereq.: BIOL 105 and 106. Introduction to local flora and vegetation. Lectures will emphasize the
structure and composition of local vegetation. Laboratories will consist mainly of field trips to parks,
preserves, and botanical gardens. Students will submit a field trip report and a plant collection.

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(5a. UCC continued)

c. Change in prerequisites.

TO READ:

BIOL 310. Lower Plants. 2 lec., 1 rec., 3 lab. hr.; 4 cr. Prereq.: BIOL 105 and 106 and 287. Introduction to the biology of the algae, fungi, and bryophytes of the northeastern United States. Laboratory includes several field trips.

d. Change in prerequisites.

TO READ:

BIOL 220. Invertebrate Zoology. 2 lec., 1 rec., 3 lab. hr.; 4 cr. Prereq.: BIOL 105 and 106. Evolution, classification, anatomy, and physiology of the invertebrates. Laboratory includes dissection of representative forms and a weekday or weekend field trip.

e. Change in prerequisites.

TO READ:

BIOL 226. Comparative Vertebrate Anatomy. 2 lec., 1 rec., 3 lab. hr.; 4 cr. Prereq.: BIOL 105 and 106. Functional and phylogenetic morphology of the vertebrates. Laboratory includes dissection of representative forms.

f. Change in prerequisites.

TO READ:

BIOL 230. Biostatistics. 2 lec., 1 rec., 3 lab. hr.; 4 cr. Prereq.: BIOL 105 and 106 or the equivalent. Not open to students who have successfully completed any one of the following courses (or their equivalents): ECON 249; MATH 14, 241; PSYCH 107; SOC 205, 306. Probability models, statistical inference, design of experiments, and critical analysis of statistical applications in biology. (SQ)

g. Change in prerequisites.

TO READ:

BIOL 245. Evolution and Culture. 3 lec. hr.; 3 cr. Prereq.: BIOL 105 and 106 or equivalent, or permission of the instructor. Assessment of recent evolutionary theories associated with culture: behavioral ecology, evolutionary psychology, memetics, and bio-cultural co-evolution. These theories are comparatively examined and compared by discussing current research, critiques, and their application to human and animal cultures.

h. Change in prerequisites.

TO READ:

BIOL 280. Topics in Biology. 1–3 hr.; 1–3 cr. Prereq.: BIOL 105 and 106 and permission of instructor. Particular topic of current interest in biology. May be repeated for credit if topic changes but credited only once for the major.

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(5a. UCC continued)

i. Change in prerequisites.

TO READ:

BIOL 287. Principles of Evolutionary Biology. 3 lec., 1 rec. hr.; 4 cr. Prereq.: BIOL 105 and 106. The mechanisms and processes of biological evolution.

j. Change in prerequisites.

TO READ:

BIOL 312. Morphology and Evolution of Plants. 2 lec., 1 rec., 3 lab. hr.; 4 cr. Prereq.: BIOL 105 and 106 and one of 210, or 212, or 213; CHEM 114.1, CHEM 114.4 or 102.1, 102.3 or equivalent. Comparisons of plant form and function. Lectures will emphasize the structure and origin of plant organs, and the use of this information in classifying major plant groups. Information from paleo- botany will be integrated with comparative morphology of living plants. Laboratory includes several field trips.

k. Change in prerequisites.

TO READ:

BIOL 320. Parasitology. 2 lec., 1 rec., 3 lab. hr.; 4 cr. Prereq.: BIOL 105 and 106 and 220; CHEM 114.1, CHEM 114.4 or 102.1, 102.3 or equivalent, or permission of the chair. Ecology, distribution, pathology, and control of the para- sites of humans and other selected animals. Particular emphasis on the evolution of host-parasite relationships, and on the approaches to solving the basic problems of animal parasitism.

l. Change in prerequisites.

TO READ:

BIOL 365. Developmental Biology. 2 lec., 1 rec., 3 lab. hr.; 4 cr. Prereq.: BIOL 105 and 106 and 286. Gametogenesis, fertilization, and embryonic development through organogenesis. Mechanisms of cell differentiation and morphogenesis as revealed by techniques of experimental embryology.

m. Change in prerequisites.

TO READ:

BIOL 366. Immunology. 3 lec. hr.; 3 cr. Prereq.: BIOL 105 and 106 and 286. The components and mechanisms of action of the immune system. Topics include requirements for antigenicity, types of antibodies, humoral and cell-mediated responses including allergy, graft rejection, and autoimmune diseases.

n. Change in prerequisites.

TO READ:

BIOL 371. Plant Physiology. 2 lec., 1 rec., 3 lab. hr.; 4 cr. Prereq.: BIOL and 106 and 286; and CHEM 252 or the equivalent. Anatomy, physiology, molecular biology, and development of plants.

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(5a. UCC continued)

o. Change in prerequisites.

TO READ:

BIOL 373. Neurobiology. 3 lec., 1 rec. hr.; 4 cr. Prereq.: BIOL 105 and 106 and 286, or permission of the instructor. Examination of the structure and function of the nervous system of both invertebrates and vertebrates. Emphases will be placed on cellular and molecular mechanisms underlying neural activity.

p. Change in prerequisites.

TO READ:

BIOL 241. Techniques of Field Biology. 1 lec., 4 lab. hr.; 3 cr. Prereq.: BIOL 105 and 106; CHEM 114.1, CHEM 114.4 or 159 or the equivalent. An introduction to collection and analyses of data in the field. Topics shall include design of experiments and controls, methodologies of different types of field collections, use of keys, and statistical analyses. One evening and several all-day weekend field trips to different study sites may be included. A collection may be required.

q. Change in prerequisites.

TO READ:

BIOL 372. Vertebrate Physiology. 2 lec., 1 rec., 3 lab. hr.; 4 cr. Prereq.: BIOL 105 and 106 and 286; and CHEM 252 or the equivalent. Functioning of the major organ systems of animals, with special emphasis on the vertebrates.

r. Change in prerequisites.

TO READ:

BIOL 348. Chemical Ecology. 2 lec. hr.; 2 cr. Prereq.: BIOL 105 and 106; CHEM 251 or equivalent. The chemical mediation of ecological interactions, including chemical basis of food selection, plant antiherbivore and antifungal defenses, chemistry of mutualistic associations, animal pheromones and defense substances, allelopathy, and chemicals in the environment.

s. Change in hours.

TO READ:

BIOL 40. Anatomy and Physiology I. 3 lec., 3 lab. hr.; 4 cr. First semester of a two-semester combined lecture and laboratory course. Functional and descriptive anatomy and physiology with focus on human systems. May not be used to fulfill biology major or minor requirements.

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(5a. UCC continued)

t. Change in hours.

TO READ:

BIOL 41. Anatomy and Physiology II. 3 lec., 3 lab. hr.; 4 cr. Prereq.: C– or better in BIOL 40. Second semester of a two-semester combined lecture and laboratory course. Functional and descriptive anatomy and physiology with focus on human systems. May not be used to fulfill biology major or minor requirements.

u. Change in hours and prerequisites.

TO READ:

BIOL 45. Microbiology for Health Professions. 3 lec., 3 lab. hr.; 4 cr. Prereq.: A grade of C+ or better in BIOL 11 or BIOL 40, or equivalent, or permission of instructor. May not be used to fulfill biology major or minor requirements. Not open to students who have completed BIOL 201. Microbiology with emphases on characteristics, natural history, and handling of human pathogens. This course is designed for students planning to enter into a professional nursing program or other health professions.

v. Change in prerequisites.

TO READ:

BIOL 381. Colloquium in Biology. 1 hr.; 1 cr. Prereq: two Biology courses at the 200– or 300–level, or permission of the instructor. Course may be repeated once for credit.

w. New course.

Biology 288 - General Ecology.

2 hr lec, 1 hr rec. 3 cr. Prereq. Biology 105 and 106

The relationships between organisms and their environment and between organisms and other organisms. Lab sessions will be a mix of indoor and field activities.

2. HLL (Hispanic Languages and Literatures)

a. New Course

SPAN 339. Creative Writing in Spanish

3 hours, 3 credits; Prerequisites: SPAN 225, SPAN240

Development of students' ability to produce their own creative texts in Spanish while enriching their writing techniques. Designed for Spanish speaking students with an advanced level of proficiency in reading and writing. Students will first be drawing lessons from some of the techniques used in a variety of texts by Latin American authors. Subsequently they will develop their individual styles.

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(5a. UCC continued)

3. SEES (School of Earth and Environmental Sciences)

- a. Change in requirements.

To Read:

The BA in Geology (Major code GEOL-BA) requires completion of GEOL 101, 102, 200, 201, 208, 214, 216; ENSCI 100 and completion of MATH 141 or 151, CHEM 113.4 and 113.1; PHYS 145.4 and 145.1 OR 121.4 and 121.1, plus two electives chosen from 200- and 300-level Geology or Environmental Science courses. Students uncertain about career are advised to take GEOL 361.

- b. Change in requirements.

To Read:

The BS in Geology (Major code GEOL-BS), requires completion of ENSCI 100, GEOL 101, 102, 200, 201, 208, 214, and 361; completion of MATH 141, 142, and 143 OR 151 and 152, two semesters of Chemistry with lab (CHEM 113.4, 113.1, 114.4 and 114.1); and two semesters of Physics with lab (PHYS 145.4, 145.1, 146.4 and 146.1 OR 121.4, 121.1, 122.4, and 122.1; plus three electives chosen from: 200- and 300-level Geology courses, ENSCI 200 and ENSCI 203.

- c. Change in description.

To Read:

GEOL 373. Geological Reasoning. 3 hr.; 3 cr. A senior-level course for geology majors. Topics pertaining to the history and philosophy of geology and techniques of problem-solving in the earth sciences will be covered through discussions of seminal geoscience papers and exercises in solving geologic problems.

4. SEYS (Secondary Education and Youth Services)

- a. Change in title:

To read:

SEYS 375 Student Teaching in the Visual Arts, I
3 hr., 3 credits, Prerequisite SEYS 333

- b. Change in title and prerequisite.

To read:

SEYS 376 Student Teaching in the Visual Arts, II
3 hr., 3 credits, Pre or co-requisite SEYS 365

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- c. Change in title, prerequisite and description

To Read:

SEYS 365 Standards-based Curriculum and Assessment

3 hours, 20 hour field experience, 3 credits, Prerequisite SEYS 333, SEYS 340

This course will introduce students to curriculum planning incorporating state and national standards across grade levels and further develop students' skills in lesson planning, assessment and differentiation of instruction for all learners.

- d. New Course:

SEYS 333 Methods of Teaching Art, PreK-12th grade

3 hours, 3 credits, Prerequisite SEYS 201W and SEYS 221

This course is designed to introduce students to methods of teaching visual art. The course will give students an understanding of lesson planning, developing goals and objectives as well as assessment strategies for all grade levels.

5. Physics

- a. New Course:

PHYS 275. Introduction to Scientific Computing.

4 hours, 4 credits. Prerequisite: Physics 146.4 and 146.1, Corequisite: Physics 233 or permission of instructor

This course addresses numerical/computational methods, as well as analysis and modeling of physical phenomena. Mathematical modeling is applied to classical dynamics and electromagnetism using finite difference and finite element methods, stochastic/Monte-Carlo methods, and matrix eigenvalues. Students will be introduced to scientific and engineering computing based on a high-level programming environment with no prior programming experience required.

- b. Change in description.

To Read:

PHYS 5. Physics and the Future. 3 hr.; 3 cr. Fundamental physical ideas and ways of thinking that will enable students to understand and make informed judgments regarding technical issues upon which the well-being of our society increasingly depends. Key physical ideas will be discussed in their historical context to highlight the challenges confronted and the innovations involved. The course will treat global warming and climate change, alternative energy sources, resource depletion, and management, and efforts to control CO2 emissions. (SW, SCI)

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6. Math

- a. Change to course description:

To read:

MATH 390. Studies in Mathematics. MATH 390.1–390.6, 1–6 hr.; 1–6 cr. Prereq.: 3.0 department average or permission of the department. The topic will be announced in advance. This course may be repeated for credit provided the topic is not the same.

7. ELL (European Languages and Literatures)

a. Change to the Russian Major

To Read:

REQUIREMENTS FOR THE MAJOR IN RUSSIAN (MAJOR CODE RUSS-BA)
In addition to attaining proficiency in Russian through the level RUSS 111, 33 credits including RUSS 204 are required. A minimum of 24 elective credits in Russian language (above RUSS 111) and literature and culture (starting with RUSS 150). The rest of the credits could be selected from other Russian courses or from courses in related fields, including “Eurocourses,” CMLIT 218, 331, 333–337; HIST 109, 110; PHIL 106; PSCI 235, 261. Interested students are urged to consult with the undergraduate advisor for Russian as early as possible in order to plan their programs.

5b. Graduate Curriculum Committee

- i. MOTION: Duly made by Glenn Burger, Dean of Graduate Studies:

Editorial correction: item 4d. Change “SEYS 575” to “SEYS 576” under “To Read”. The course number does not change.

“To accept the GCC minutes dated February 13, 2019 as amended”

Hearing no objection to the motion, the Chair moved unanimous consent.

1. Biology

- a. New Course.

BIOL 674; Plant Physiology and Development

4 hr. ; 4 cr.; Prereq.: Accelerated Master’s students taking this course must have a Grade of C or better in Biology 286, Chem 114, or equivalents, or permission of instructor.

This course integrates major aspects of plant anatomy, physiology, biochemistry, cellular and molecular biology, and influences of the biotic and abiotic environment on growth and development at the intercellular, intracellular, organismal, and community levels.

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(5b. GCC continued)

2. FNES

a. New Course.

FNES 717: Geriatric Nutrition

3 hours, 3 credits. Prerequisites or corequisites: FNES 263, 264, 365, 366 or 767, 368; or equivalent

This course is an overview of the normal, acute and chronic physical changes associated with the aging process and its effect on nutritional status. Students will develop a basic understanding of nutritional concerns of older persons, and recognize dietary practices and nutritional needs specific to older individuals.

b. Proposal to add the distance education format, HEGIS 1301.01

To Read:

A sequence of courses for those with either provisional or initial certification in Family and Consumer Sciences who wish to fulfill the master's degree requirement for professional teacher certification. This program is offered as a fully online program, where all courses are delivered through a virtual environment.

3. GSLIS

a. Change in Certificate program name change, HEGIS 1699.00

To Read:

Certificate in Archives and Preservation of Cultural Materials

b. Change in title and description.

To Read:

~~LBSCI 731. Development of Books and Printing From Manuscripts to eBooks: Studies in Print Culture~~
3 hr.; 3 cr. Prereq.: LBSCI 700, 701, 702, 703, or permission of the instructor.

This course will explore the evolution of the "text" from its early conceptions in manuscript culture through its revolutionary transmission into print and finally into the digital age. Discussion will combine technical aspects of print culture as well as theoretical concerns for how knowledge is transmitted (how knowledge is "made"). Recent critical interest in the history and technology of the book, the interplay between word and image, and mechanisms of reading ~~have substantially expanded the range of questions—cultural, intellectual, aesthetic, economic—one might ask when encountering a text.~~ are also included.

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(5b. GCC continued)

- c. Change in title.

To Read:

LBSCI 732. ~~Archives, Manuscripts, and the Shapes of Material History~~ Introduction to Archival Studies

3 hr.; 3 cr. Prereq.: LBSCI 700, 701, 702, 703, or permission of the instructor.

This is an introductory course designed to orient students to fundamental archival theories as well as current practices. Historic background to archival methods will be discussed in order to understand current discipline perspectives. Theoretical concerns will address the meaning, formation, and contestation of “memory” in current post-modern archival discourse. Students will also be introduced to basic archival practices of appraisal, arrangement, description, and access.

- d. Change in title and description.

To Read:

LBSCI 757. Digitization of Cultural Materials

3 hr.; 3 cr. Prereq.: LBSCI 700, 701, 702, 703.

Introduces students to the theoretical and practical aspects of ~~digital imaging~~ digitization, with an emphasis on evolving guidelines and lessons learned from existing digitization projects. Among the topics to be examined are: selection principles, project and workflow planning, digitization of cultural materials, file formats, quality control, rights management, metadata, access, funding issues, assessment and evaluation, digital asset management, and preservation. Theoretical concepts will be reinforced through hands-on production experience in digitizing and managing digitized cultural materials.

4. SEYS

- a. New Course.

SEYS 533 Methods of Teaching the Visual Arts, Pre-K-12th grade

3 hr., 3 cr.; Prereq.: SEYS 536 and 552

This course is designed to introduce students to methods of teaching visual art. The course will give students an understanding of lesson planning, developing goals and objectives as well as assessment strategies for all grades. Students will make art as part of this course.

- b. New course.

SEYS 565 Methods of Standards-based Curriculum and Assessment in Teaching the Visual Arts

3 hr., 3 cr.; Prereq.: SEYS 533 and EECE 711

This course will introduce students to curriculum planning and further develop students’ skills in lesson planning and assessment.

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(5b. GCC continued)

- c. Change in title and prerequisite.

To Read:

SEYS 575. Student Teaching in Visual Arts, I. 3 cr. Prereq. SEYS 533. 190-240 hours. 3-4 periods of daily participation or its equivalent for 15 weeks in a public school setting. The course provides post baccalaureate students in the Art Education program with school-based teaching experience that prepares them to teach in public schools. Students are expected to prepare daily lesson plans and will develop and maintain student teaching portfolios>

- d. Change in title.

To Read:

SEYS 576. Student Teaching in Visual Arts, II. 3 cr. Prereq. SEYS 565. 190-240 hours. 3-4 periods of daily participation or its equivalent for 15 weeks in a public school setting. The course provides post baccalaureate students in the Art Education program with school-based teaching experience that prepares them to teach in public schools. Students are expected to prepare daily lesson plans and will develop and maintain student teaching portfolios>

- e. New course.

SEYS 724 Teaching as Social Practice in the Arts

3 hr.; 3 cr. Prerequisites: SEYS 533 and SEYS 565 or equivalents or permission of the instructor.

This course will consider the connection between art making and the teaching of art. The course focuses on the ideas of art as social action, community based research and art practice, and socially engaged art and its relationship to pedagogy.

- f. New course.

SEYS 725 Community and Culture in Art Education

3 hr.; 3 cr.; Prerequisites: SEYS 533 and SEYS 565 or equivalents or permission of the instructor.

This course will explore the role of culture and community in multiple arts settings with an emphasis on community building and culturally relevant pedagogy.

- g. New course.

SEYS 727 Topics in Art Education

3 hr.; 3 cr.; Prerequisites: SEYS 533 and SEYS 565 or equivalents or permission of the instructor.

This course will examine current research in art education and how it applies to teaching in the art room.

5c. Nominating Committee

i. MOTION: Duly made by Peishi Wang, Nominating Committee Chair:

“To accept the Nominating Committee Report dated March 14, 2019”

Hearing no objection to the motion, the chair moved unanimous consent.

1) College Committee on Honors and Awards

The following faculty member was elected by unanimous consent:

Dan Lee M&NS December 2022

6. Old Business

6a. Nominations to the Nominating Committee:

Student – Social Science (no nominees)

7. New Business

7a. University Faculty Senate Election

Chair Brody explains that the University Faculty Senate is a senate of all the faculties of all the different institutions in CUNY. We have 10 representatives and 2 alternates. The way people are elected to serve in the University Faculty Senate is that someone who wishes to serve fills out a petition with 10 signatures, then the faculty vote on these names.

i. MOTION: Duly made by Senator, Joseph Pastore:

“To nominate Roberta Brody to the University Faculty Senate”

ii. MOTION: Duly made by Senator, James McElwaine:

“To nominate himself to the University Faculty Senate”

iii. MOTION: Duly made by Senator Joseph Pastore:

“To approve the University Faculty Senate nominations”

Hearing no objection to the motions, the chair moved unanimous consent.

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MOTION: Duly made by Stephen Grover, Senator:

“To Adjourn”

The meeting was adjourned at 3:54 pm. The next Academic Senate meeting will be on Thursday, April 11, 2019.