

**The meeting will come to order:**

Chair Kevin L. Ferguson called the meeting to order at 3:39 p.m.

**1. Approval of Agenda:**

- i. MOTION: Duly made by Chair Ferguson:

“To amend the agenda and add under new business 7a. Discussion for University faculty Senate petitions”

Hearing no objection to the motion, the agenda was approved as amended.

**2. Approval of Minutes:**

- i. MOTION: Duly made by Chair Ferguson:

Editorial correction: Dana ~~Valvet~~ to Dana Calvet

“To approve the minutes dated April 14, 2022”

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

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

1. Senator, Elissa Bemporad, History read the following memorial:

Isaac Alteras (Oct. 14, 1937-April 10, 2022)

It is with sadness that the History department announces the passing of emeritus Professor Isaac Alteras, who died last weekend after a long illness. Isaac was an esteemed member of our department and an internationally recognized historian of US and Israeli foreign policy. He joined the History program at Queens in 1967 as a lecturer and worked his way up to full Professor. He was also formerly director of Jewish Studies and active in the MALS program.

After getting his BA from the Hebrew University of Jerusalem, Isaac became a true product of CUNY. In 1965 he earned his MA at Queens with a thesis on Jewish physicians in Spain and southern France in the 13<sup>th</sup> and 14<sup>th</sup> centuries. He then transitioned to more recent history, writing a dissertation at the Graduate Center on post-World War I Germany and the Geneva disarmament conference. He was best known for his book *Eisenhower and Israel: US-Israeli Relations, 1953-1960* (University of Florida Press, 1993). Over the years, many students passed through his courses on the Arab-Israeli conflict, the Cold War, and other topics in modern Middle Eastern, Jewish, and European history. Isaac loved to talk current events and always brought a certain flair to our department. We will miss him.

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Isaac was buried at a private ceremony in Elmont, NY. Condolences can be sent to his family at [ialteras@aol.com](mailto:ialteras@aol.com)

The Senate paid its respect with a moment of silence.

2. Chair Kevin Ferguson expressed his gratitude to Provost Elizabeth Hendrey for her leadership and all she has done for the college.
4. **Special Motions:** (none)
5. **Committee Reports:**

### 5a. Undergraduate Curriculum Committee

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

“To accept the UCC minutes dated April 14, 2022 as distributed”

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

Undergraduate Curriculum Committee

Minutes of 4/14/2022

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### A. General Education

1. General Education Matters
2. Mathematics and Quantitative Reasoning Advisory Committee
3. Writing Intensive Advisory Committee.
4. STEM variant courses.  
*None.*

## 1. CHANGES IN PROGRAM REQUIREMENTS: MINOR IN MUSIC THEORY AND LITERATURE

### To read:

#### **Music Minor in Theory and Literature**

**Required: 21 credits**

#### **Core Curriculum Courses (13 credits)**

MUSIC 171, MUSIC 172, MUSIC 173, MUSIC 174, and MUSIC 121

#### **Electives in Music Literature (6 credits)**

2 courses from MUSIC 001, 121 (taken a second time), 122, 246, and 247

#### **Major Ensembles (2 credits)**

2 courses from MUSIC 1561, 1581, 2531, 254, 2581, 2591, or 3561

### To:

**MUSIC 121. Writing about Music. 3 hr.; 3 cr. Prereq.: ENGL 110. MUSIC 121 fulfills the College Writing 2 requirement and builds on the work of ENGL 110 (College Writing 1), in order to teach the conventions of writing in the discipline of music. Writing-intensive class open to students from all majors and schools. The content is focused on the various genres of writing; repertoire will be selected from classical or popular musics of the Western world. May be repeated for credit once if the topic changes. (EC2)**

## 2. SEES

### New course.

GEOL 78. Climate change: What it means to us and what you can do about it

3 hrs, 3 cr.

Introductory exploration of the science behind climate change, how climate change is affecting our planet today, how it will affect the world in the coming decades, and the politics of climate change. Learn what individuals, communities, countries and the world are accomplishing to combat the climate crisis and what each of us can do to create a better world.

## 3. Psychology

New Course Proposal: Psychology

### **PSYCH 374 Culturally Responsive Family Support Practicum.**

3 hr; 3 cr. Prereq.: Psych 213W and permission of instructor.

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(5a. UCC continued)

In this service learning course undergraduate students will learn to provide evidence-based culturally responsive interventions with families of children with intellectual and developmental disabilities (IDD) from culturally and linguistically diverse (CLD) communities. Students will learn how to build culturally responsive partnerships with families, provide evidence-based interventions for children with IDD and their families, and professional and ethical behavior. Experience will be gained through an on-campus program, *Horizons*, that serves the local community of CLD families of children with IDD. Class includes discussions, reading and analyzing research, implementing intervention with children and their families, evaluating progress and problem solving to improve children's learning.

Change to a Major: Psychology

To:

A maximum of 9 credits for any combination of the following courses: PSYCH 325, 326, 327, 372, 373, 374, 391, and 392 can be applied toward the major requirement.

### 4. Economics

Addition of two courses, ECON 232 and ECON 233, to the Globalization & Environment list of electives for the BBA-finance major and the BBA-actuarial studies major:

Economics 232. Economics of Climate Change  
Economics 233. Globalization now and then

### 5. FNES

**Change to prerequisite and description.**

**To Read:**

**FNES 382. Community Nutrition.** 3 hr.; 3 cr. Prereq.: FNES 264, FNES 260. The process of assessment and development of community programs, to address the nutrition needs of individuals and groups for health promotion and disease prevention.

### 6. Urban Studies

New Course.

URBST 255. VT: Special Topics in Public Health.  
3 hours, 3 credits, Prerequisite: URBST 132 or URBST 231  
Topic will be announced at registration time.

### 7. Anthropology

***Changes to the Anthropology Major (General and Pre-Professional)***

*To Read:*

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(5a. UCC continued)

one course from ANTH 201 (if not used for another requirement), 204–219; 241–249, 282, 388

### **Anthropology Department Changes to a Minor**

#### **Changes to the Requirements for the Minor in Cultural Heritage and Memory**

##### ***1. Addition to description of requirements for the Minor:***

If the Minor in Cultural Heritage and Memory is combined with a Major in Anthropology, only four of the six courses (12 of the 18 credits) can count towards both the Major and the Minor; two courses (6 credits) must be unique to each. Anthropology rotating topics courses (e.g., Anth 219, 239, 239W, 249, 279, 289, 290, 290W, 330, 350, 370, 380) may be approved as electives for the Minor on a case by case basis, via approval of the department chair.

##### ***2. Changes and clarifications to list of elective courses for the Minor:***

#### **TO READ:**

#### **Three required courses:**

##### **One of the following Introductory courses:**

ANTH 101 Introduction to Cultural Anthropology  
ANTH 103 Introduction to Archaeology  
ANTH 104 Language, Culture, and Society

##### **One of the following Essentials courses:**

ANTH 201 Essentials of Cultural Anthropology  
ANTH 240 Essentials of Archaeology

##### **One of the following Heritage or Memory courses:**

ANTH 252 Historical Archaeology  
ANTH 258 Cultural Property, Heritage & the Law  
ANTH 332 Anthropology of Memory

##### **Three electives courses from this list:**

ANTH 201 Essentials of Cultural Anthropology  
ANTH 204 Anthropology of Islam  
ANTH 205 Peoples of Mexico and Central America  
ANTH 206 Peoples of South America  
ANTH 207 Native North Americans  
ANTH 208 Peoples of South Asia  
ANTH 208W Peoples of South Asia (Writing Intensive)  
ANTH 210 Peoples of East Asia  
ANTH 211 Peoples of Africa  
ANTH 212 Peoples of the Middle East

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ANTH 215W	Peoples of the Caribbean (Writing Intensive)
ANTH 216	Peoples of Southeast Asia
ANTH 232	Photography and the Visual World
ANTH 233	Race, Class, and Ethnicity
ANTH 240	Essentials of Archaeology
ANTH 250	Field Methods in Archaeology
ANTH 252	Historical Archaeology
ANTH 258	Cultural Property, Heritage & the Law
ANTH 280	Language and Social Identity
<u>ANTH 282</u>	<u>Linguistic Subjectivities in Latin America</u>
ANTH 304	Anthropology of Development
ANTH 306	Anthropology of Religion
ANTH 332	Anthropology of Memory
ANTH 354	Time
ANTH 388	Voices of New York

### **with no more than one of the following "area" courses:**

ANTH 205	Peoples of Mexico and Central America
ANTH 206	Peoples of South America
ANTH 207	Native North Americans
ANTH 208	Peoples of South Asia
ANTH 208W	Peoples of South Asia (Writing Intensive)
ANTH 210	Peoples of East Asia
ANTH 211	Peoples of Africa
ANTH 212	Peoples of the Middle East
ANTH 215W	Peoples of the Caribbean (Writing Intensive)
ANTH 216	Peoples of Southeast Asia

## **Anthropology Department Changes to a Minor**

### **Changes to the Requirements for the Minor in Health & Culture**

#### ***1. Addition to description of requirements for the Minor:***

If the Minor in Health and Culture is combined with a Major in Anthropology, only four of the six courses (12 of the 18 credits) can count towards both the Major and the Minor; two courses (6 credits) must be unique to each. Anthropology rotating topics courses (e.g., Anth 219, 239, 239W, 249, 279, 289, 290, 290W, 330, 350, 370, 380) may be approved as electives for the Minor on a case by case basis, via approval of the department chair.

#### ***2. Changes to list of elective courses for the Minor:***

#### **TO READ:**

#### **Three required courses:**

ANTH 101	Introduction to Cultural Anthropology
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(5a. UCC continued)

ANTH 102 Introduction to Human Evolution  
ANTH 260 Essentials of Biological Anthropology

### **Three elective courses in total, one from list A and two from list B:**

#### **List A. Choose one elective from this list:**

ANTH 205 Peoples of Mexico and Central America  
ANTH 206 Peoples of South America  
ANTH 207 Native North Americans  
ANTH 208 Peoples of South Asia  
ANTH 208W Peoples of South Asia Writing Intensive  
ANTH 210 Peoples of East Asia  
ANTH 211 Peoples of Africa  
ANTH 212 Peoples of the Middle East  
ANTH 215W Peoples of the Caribbean  
ANTH 216 Peoples of Southeast Asia  
ANTH 222 Sex, Gender, and Culture  
ANTH 225 Medical Anthropology  
ANTH 280 Language and Social Identity  
ANTH 309 Psychological Anthropology  
ANTH 354 Time

#### **List B. Choose two electives from this list:**

ANTH 262 The Nonhuman Primates  
ANTH 270 Evolutionary Medicine  
ANTH 271 Human Biology  
ANTH 272 The Human Skeleton  
ANTH 275 Disease in the Past  
ANTH 276 Human Growth and Development  
ANTH 276W Human Growth and Development Writing Intensive  
ANTH 361 Human Variation  
ANTH 361W Human Variation Writing Intensive  
ANTH 363 Interpreting the Human Skeleton  
ANTH 368 Evolution and Human Behavior  
ANTH 369 Primate Behavior and Ecology

### **Anthropology Department Changes to a Minor**

#### **Changes to the Requirements for the Minor in Human Ecology**

##### ***1. Addition to description of requirements for the Minor:***

If the Minor in Human Ecology is combined with a Major in Anthropology, only four of the six courses (12 of the 18 credits) can count towards both the Major and the Minor; two courses (6 credits) must be unique to each. Anthropology rotating topics courses (e.g., Anth 219, 239,

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239W, 249, 279, 289, 290, 290W, 330, 350, 370, 380) may be approved as electives for the Minor on a case by case basis, via approval of the department chair.

### ***2. Changes and clarifications to list of elective courses for the Minor:***

#### **TO READ:**

#### **Three required courses:**

##### **Two required Introductory courses:**

Anth 102. Introduction to Human Evolution

Anth 103. Introduction to Archaeology

##### **And one of the following Essentials courses:**

Anth 201. Essentials of Cultural Anthropology

Anth 240. Essentials of Archaeology

Anth 260. Essentials of Biological Anthropology

##### **Three electives courses from this list (only one of these may be Anth 201, 240, 260):**

Anth 201. Essentials of Cultural Anthropology

Anth 240. Essentials of Archaeology

Anth 241. The Aztecs, Maya, and Olmecs

Anth 243. Archaeology of North America

Anth 245. Archaeology of South America

Anth 246, 246W. Archaeology of the Near East

Anth 248. World of the Vikings

Anth 256. Archaeology of Food

Anth 260. Essentials of Biological Anthropology

Anth 262. Introduction to Primates

Anth 264. Faunal Analysis

Anth 271. Human Biology

Anth 302. Ecology and Culture

Anth 340. Archaeological Method and Theory

Anth 342. Origins of Complex Society

Anth 361, 361W. Human Variation

Anth 362. Human Paleontology

Anth 363. Interpreting the Human Skeleton

Anth 368. Evolution and Human Behavior

Anth 369. Primate Behavior and Ecology

Anth 375. The Human-Primate Interface

### **Anthropology Department Changes to a Minor**

#### **Changes to the Requirements for the Minor in Power and Inequality**



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(5a. UCC continued)

### *1. Addition to description of requirements for the Minor:*

If the Minor in Power and Inequality is combined with a Major in Anthropology, only four of the six courses (12 of the 18 credits) can count towards both the Major and the Minor; two courses (6 credits) must be unique to each. Anthropology rotating topics courses (e.g., Anth 219, 239, 239W, 249, 279, 289, 290, 290W, 330, 350, 370, 380) may be approved as electives for the Minor on a case by case basis, via approval of the department chair.

### *2. Changes and clarifications to list of elective courses for the Minor:*

#### **TO READ:**

#### **Three required courses:**

##### **Two required Introductory courses:**

ANTH 101 Introduction to Cultural Anthropology  
ANTH 104 Language, Culture and Society

##### **And either:**

ANTH 222 Sex, Gender, Culture

##### **Or:**

ANTH 233 Race, Class, Ethnicity

#### **Three elective courses in total, one from list A and two from list B:**

##### **List A. Choose one elective from this list:**

ANTH 205 Peoples of Mexico and Central America  
ANTH 206 Peoples of South America  
ANTH 207 Native North America  
ANTH 208 Peoples of South Asia  
ANTH 210 Peoples of East Asia  
ANTH 211 Peoples of Africa  
ANTH 212 Peoples of the Middle East  
ANTH 214 Peoples of New York City  
ANTH 215W Peoples of the Caribbean (Writing Intensive)  
ANTH 216 Peoples of Southeast Asia

##### **List B. Choose two electives from this list:**

ANTH 204 Anthropology of Islam  
ANTH 205 Peoples of Mexico and Central America  
ANTH 206 Peoples of South America  
ANTH 207 Native North America  
ANTH 208 Peoples of South Asia  
ANTH 208W Peoples of South Asia Writing Intensive  
ANTH 210 Peoples of East Asia  
ANTH 211 Peoples of Africa

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ANTH 212	Peoples of the Middle East
ANTH 214	Peoples of New York City
ANTH 215W	Peoples of the Caribbean
<u>ANTH 216</u>	<u>Peoples of Southeast Asia</u>
ANTH 220	Food and Culture
ANTH 222	Sex, Gender, Culture
ANTH 224	Religion and Ritual
ANTH 225	Medical Anthropology
ANTH 232	Visual Anthropology
ANTH 233	Race, Class, Ethnicity
<u>ANTH 236</u>	<u>Culture and Learning</u>
ANTH 237	Violence
ANTH 252	Historical Archaeology
ANTH 280	Language and Social Identity
<u>ANTH 282</u>	<u>Linguistic Subjectivities in Latin America</u>
ANTH 302	Ecology and Culture
ANTH 304	Anthropology of Development
ANTH 308	Urban Anthropology
ANTH 332	Anthropology of Memory
ANTH 342	Origins of Complex Societies
ANTH 388	Voices of New York

### 8. BALA

1. Change in course description and prerequisite:

To read:

BALA 302. Law and Ethics of Business.

3 hr.; 3 cr. Prereq.: BALA 101 and BALA 103W.

An examination of the role of businesses and their employees in society, including the use of the law and ethics to influence their behavior. Special emphasis will be placed on promoting equality and diversity, and addressing issues of discrimination within organizations and society. Included will be analyses of current events and select legal cases with an importance on their impact on fairness and equality of opportunity. (This course is limited to students enrolled in the BALA minor.)

### 9. History

To read:

HIST 113 Introduction to Ancient History (3 cr.)

A survey of the development of ideas and institutions in the Ancient Near East, Egypt, Greece, Rome, and the broader Mediterranean.

### 10. Psychology

New Psychology Course Proposal

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(5b. GCC continued)

**PSYCH 381.1, 381.2 and 381.3 Advanced Special Topics. 1, 2, or 3 hrs.; 1,2, or 3 cr.** Prereq: PSYCH 101 and others determined by the instructor.

Focus on contemporary issues in psychology, to be announced, that are not covered by regular course offerings. The specific topic of the seminar will be determined by the faculty instructor. Course objectives include the development of critical thinking skills and application of previously learned material to advanced topics. Additional goals will be set by the instructor and differ by course topic. The course may be taken more than once provided there is no duplication of topics.

Change to a major: Psychology

To Read:

Advanced course list: 323, 334, 337, 341, 345, 346, 347, 349, 352, 353, 354, 357, 358, 359, 360, 362, 375, 381

### 5b. Graduate Curriculum Committee

i. MOTION: Duly made by Ping Li, Chair of the GCC:

“To accept the GCC minutes dated April 4, 2022 with an amendment of two additional items approved at the GCC meeting of May 4, 2022”

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

### GCC Minutes Dated April 4, 2022

## A. ITEMS FOR UNIVERSITY REPORT

### 1. EECE

#### a. Program Change: Change in requirements for degree/certificate

2) Please give HEGIS number of known to you: 0899.00

4) Please state the requirements as you wish them to read in the future. Eliminate whatever was crossed out above, and underline new material you are substituting or adding:

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#### TABLE 7. Courses in Bilingual Extension (15 credits)

EECE 761. Foundations of Bilingual Education and Bilingualism (3 cr.)

EECE 769. Teaching for Biliteracy (2 cr.)

EECE 771 Biliteracy Project (1 cr.)

EECE 764. Instruction and Assessment Across the Content Areas for Bilingual Learners (3 cr.)

EECE 766. Educational Linguistics and Psycholinguistics (3 cr.)

EECE 767. Pedagogical Practices in the Multilingual Classroom (3 cr.)

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(5b. GCC continued)

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**Please add to the COURSES IN ELEMENTARY AND EARLY CHILDHOOD EDUCATION section in the 2020 – 2021 Graduate Bulletin**

EECE 769. Teaching for Bilingual Literacy. 2 hours, 2 credits. Corequisite EECE 771 –Bilingual Project (1 hour, 1 credit). This course provides a theoretical and practical basis for designing instruction and assessment that stimulates bilingual development. Participants discuss theories of language and literacy development across two languages, critically consider beliefs and practices that shape how bilingual students' languages are approached in classrooms and examine pedagogical approaches that leverage bilingual students' languages and literacy practices. Participants will learn and practice different teaching and assessment methodologies and develop skills in analyzing and creating instructional materials to teach bilingual literacy. This course is taught in English or in the participants' bilingual extension language.

EECE 771. Bilingual Project 1 hour, 1 credit. Corequisite EECE 769 – Teaching for Bilingual Literacy (2 hours, 2 credits). In this course, participants design a project that examines a particular aspect of teaching literacy in the language of the Bilingual Extension. Participants will define the scope and focus of the project with the instructor. Topics that may be addressed in this project include: (1) exploring instructional and assessment methods for teaching language and literacy in the additional language; (2) analyzing/designing/implementing instructional materials to teach in the additional language; (3) observing and evaluating existing language arts programs in the additional language; (4) documenting literacy and cultural practices in the additional language in a local community. This course is taught in the language of the students' Bilingual Extension.

## 2. EECE

### b. Request: New Course

Please state the course as follows:

Course number and title: **EECE 769 – *Teaching for Bilingual Literacy***

Hours and credits: 2 hours, 2 credits

**Prerequisites or corequisites:** corequisite EECE 771 –*Bilingual Project*

**Description (as it should read in the Graduate Bulletin):** 2 hours, 2 credits. Corequisite EECE 771 –Bilingual Project (1 hour, 1 credit). This course provides a theoretical and practical basis for designing instruction and assessment that stimulates bilingual development. Participants discuss theories of language and literacy development across two languages, critically consider beliefs and practices that shape how bilingual students' languages are approached in classrooms, and examine pedagogical approaches that leverage bilingual students' languages and literacy practices. Participants will learn and practice different teaching and assessment methodologies and develop skills in analyzing and creating instructional materials to teach bilingual literacy. This course is taught in English or in the participants' Bilingual Extension language.

## 3. EECE

### c. Request: New Course

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(5b. GCC continued)

Please state the course as follows:

Course number and title: **EECE 771 –*Biliteracy Project***

**Hours and credits:** 1 hour, 1 credit

**Prerequisites or corequisites:** corequisite EECE 769 – *Teaching for Biliteracy*

**Description (as it should read in the Graduate Bulletin):** 1 hour, 1 credit. Corequisite EECE 769 – Teaching for Biliteracy (2 hours, 2 credits). In this course, participants design a project that examines a particular aspect of teaching literacy in the language of the Bilingual Extension. Participants will define the scope and focus of the project with the instructor. Topics that may be addressed in this project include: (1) exploring instructional and assessment methods for teaching language and literacy in the additional language; (2) analyzing/designing/implementing instructional materials to teach in the additional language; (3) observing and evaluating existing language arts programs in the additional language; (4) documenting literacy and cultural practices in the additional language in a local community.

This course is taught in the language of the students' Bilingual Extension.

### 4. ECP

#### d. **Minor Change: Change in course description**

**TO:**

**ECPSE 725: Internship in Severe Disabilities.** 3 hr. plus participation; 6 cr. Prereq.: ECPSE 700, 720, 722. Supervised teaching of students with severe disabilities within a candidate's certification area with a focus on students on the autism spectrum. Candidates will be placed in a classroom with students with intensive support needs, where they will be provided the opportunity and guidance to participate in application of theories and practices discussed in prerequisite courses. Clinical component consists of full-time participation and teaching for the entire semester. Seminars supplement the clinical experience. Candidates in the Adolescent MSED program must fulfill all of their outstanding undergraduate prerequisites before registering for ECPSE 725.

### 5. FNES

#### e. **Program Change: Change in requirements for degree/certificate**

2) Please give HEGIS number of known to you: 1229.30

4) Please state the requirements as you wish them to read in t. Eliminate whatever was crossed out above, and underline new material you are substituting or adding:

#### **General Requirements for the Master of Science Degree in Nutrition and Exercise Sciences**

These requirements are in addition to the general requirements for the Master of Science Degree: 1. Students must complete 33 graduate credits with a minimum average of B (GPA of 3.0).

### 6. GSLIS

#### f. **Minor Change: Change in course title and course description**

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(5b. GCC continued)

**TO:**

**LBSCI 703. Information Organization.** 3 hr.; 3 cr. Introduction to theories and principles for organizing and providing access to information, including cataloging standards and formats, subject analysis and access, subject heading lists, classification systems, and metadata and metadata schemes.

### 7. GSLIS

**g. Minor Change: Change in course title, prerequisite or corequisite, and course description**

**TO:**

**LBSCI 717. Information Sources and Service: Humanities.** 3 hr.; 3 cr. req.: LBSCI 700, 701, 702, 703. Study and application of reference, bibliographic, and other information sources (print and electronic) in the humanities; techniques and procedures for serving the needs of various clientele; criteria for evaluating these sources and this service and for developing appropriate collections.

### 8. GSLIS

**h. Request: New Course**

Please state the course as follows:

Course number and title: **LBSCI 728: Public History**

**Hours and credits:** 3 hours; 3 credits

**Prerequisites or corequisites:** LBSCI 700, 701, 702, 703

**Description (as it should read in the Graduate Bulletin):**

Public history is historical work that is intended to reach, involve, and engage a public audience outside of academia. Libraries, archives and museums often provide platforms and best practices for public history work and facilitate public engagement in public history processes and outputs. In this course, we will explore a variety of case studies from a number of public history's ever-expanding footprint. The central assignment for this course will include fieldwork on a local public history project. Students will be required to work both individually and in groups on experiential and service-learning projects.

### 9. GSLIS

**i. Request: New Course**

Please state the course as follows:

Course number and title: **LBSCI 735: Museum Studies**

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**Hours and credits:** 3 hours; 3 credits

**Prerequisites or corequisites:** LBSCI 700, 701, 702, 703

### **Description (as it should read in the Graduate Bulletin):**

This course will cover the essential elements of the curation and management of museums including collection policy, legal and ethical concerns, artifact handling, documentation, information management, preservation, exhibition, outreach and access. Museum collections that will be studied include collections of art, history, natural history, science and moving image/multimedia. *Field trip to a museum exhibition is required.*

## 10. GSLIS

### **j. Minor Change: Course Withdrawal**

**FROM:**

**LBSCI 745. Online Research**

## 11. GSLIS

### **k. Minor Change: Change in course title**

**TO:**

**LBSCI 748. Programming.** 3 hr.; 3 cr. Prereq.: LBSCI 700 or permission of the instructor. This course examines the basic principles, elements, and concepts of design, writing, debugging, and implementation of programmatic utilities in a distributive environment (i.e., the Internet). The focus is on problem-solving and learning to design web programs that are readable, well documented, efficient, and correct. The emphasis of the course is digital library applications.

## 12. GSLIS

### **l. Minor Change: Course Withdrawal**

**FROM:**

**LBSCI 761. Organization and Management:** School Library Media Centers. 3 hr.; 3 cr. Prereq.: LBSCI 700, 701. Roles, services, programs, organization and management of the school library media center including teaching, information access and delivery, and program administration. Emphasis on collaboration with the school community, integrating state and national standards in the school library curriculum, integrating the school library curriculum into the wider school curriculum and the importance of information literacy. Assistive technology and other relevant information technology are addressed. Twenty-five hours of fieldwork in a school library media center are required.

## 13. GSLIS

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(5b. GCC continued)

**m. Minor Change: Course Withdrawal**

**FROM:**

~~**LBSCI 771. Organization and Management: Public Libraries.** 3 hr.; 3 cr. Prereq.: LBSCI 700, 701, 702, 703. Introduction to key elements of organization and management, including personnel, services, public relations, budgeting, and building construction/renovation.~~

**14. GSLIS**

**n. Minor Change: Course Withdrawal**

**FROM:**

~~**LBSCI 780. Organization and Management: Academic and Research Libraries.** 3 hr.; 3 cr. Prereq.: LBSCI 700, 701, 702, 703. Structure of academic and research libraries in relation to their functions and clientele; standards, personnel, finance, buildings, and equipment; services; networking and community relations; relevant information technologies; reporting; public relations.~~

**15. GSLIS**

**o. Minor Change: Course Withdrawal**

**FROM:**

~~**LBSCI 781. Organization and Management: Special Libraries and Information Centers.** 3 hr.; 3 cr. Prereq.: LBSCI 700, 701, 702, 703. Organization and management of special libraries and information centers in corporate, governmental, institutional, and academic settings; effect of the environment on each library's functions.~~

**16. MATH**

**p. Program Change: Change in requirements for degree/certificate**

2) Please give HEGIS number of known to you: 1701.00

4) Please state the requirements as you wish them to read in the future. Eliminate whatever was crossed out above, and underline new material you are substituting or adding:

When a course is cross-listed as both an undergraduate and a graduate course, students who take the undergraduate course as an undergraduate may not retake the graduate course. In that case, neither the undergraduate nor graduate course may count toward an eventual Master's Degree.

**Master of Arts with a Concentration in Pure Mathematics:**

1. A candidate for this degree is required to complete 30 credits in an approved sequence of graduate-level courses in mathematics and related fields. Students can achieve a solid grounding in



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pure mathematics by taking the following courses: MATH 602 (or 702), 616, 620 (or 720), 621, and 701; students can customize their program with the advice and approval of the Graduate Advisor. It is required that the program be completed with an average of B or better.

2. Each candidate for the degree must pass an oral examination.

### Master of Arts with a Concentration in Applied Mathematics

1. A candidate for this degree is required to complete 30 credits in an approved sequence of graduate-level courses in mathematics and related fields. All students must achieve a solid grounding in the three areas of probability and statistics, analytic methods, and numerical methods. This can be achieved by taking the following courses: MATH 616, 621, 624, 625, and 633; students can customize their program with the advice and approval of the Graduate Advisor. It is required that the master's program be completed with an average of B or better.

2. Each candidate will be required to pass a written examination in an area of specialization to be approved by the Mathematics Department.

### 17. MATH

q. **Minor Change: Change in course title and course description**

TO:

**MATH 505. Mathematical Problem Solving.** 3 hr.; 3 cr. Prereq. or coreq.: One year of college mathematics. Not open to students who are taking or who have received credit for MATH 205. This course presents techniques and develops skills for analyzing and solving problems mathematically and for proving mathematical theorems. Students will learn to organize, extend, and apply the mathematics they know and, as necessary, will be exposed to new ideas in areas such as geometry, number theory, algebra, combinatorics, and graph theory. This course may not be credited toward the Master of Arts degree in Mathematics.

### 18. MATH

r. **Minor Change: Change in course title and course description**

TO:

**MATH 518. Euclidean Geometry.** 3 hr.; 3 cr. Prereq.: One course in linear algebra. Not open to students who are taking or who have received credit for MATH 218. A course in advanced Euclidean geometry for current and prospective mathematics teachers that will provide mathematical background for teaching geometry in secondary schools. The course will focus on definitions, theorems, existence proofs, and constructions. This course may not be credited toward the Master of Arts in Mathematics.

### 19. MATH

s. **Minor Change: Change in course title, prerequisite or corequisite and change in course description**

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(5b. GCC continued)

**TO:**

**Math 555. Introduction to Game Theory.** 3 hr.; 3 cr. Prereq: One of the following: MATH 120, 142, 152, 209, 220, or 509. Not open to students who are taking or who have received credit for MATH 255. May not be credited toward the Master of Arts degree in Mathematics. Elements of mathematics of game theory. Foundational material, combinatorial games, zero and non-zero sum games. Two-player matrix games, pure and mixed strategies, pay-offs, equilibrium pairs. This is a proof-based course with an emphasis on examples and applications, especially in economics.

### 20. MATH

**t. Minor Change: Change in course prerequisite or corequisite and course description**

**TO:**

**MATH 618. Foundations of Geometry.** 3 hr.; 3 cr. Prereq.: One course in Multivariable Calculus. Not open to students who are taking or have received credit for MATH 318. The course is an exploration of Euclid's fifth postulate, often referred to as the parallel postulate. Development of the basics of Euclidean geometry with a focus on understanding the role of the fifth postulate. Development and exploration of hyperbolic geometry, a non-Euclidean geometry.

### 21. MATH

**u. Request: New Course**

Please state the course as follows:

Course number and title: **MATH 620. Point-Set Topology.**

**Hours and credits:** 3 hours; 3 credits

**Prerequisites or corequisites:** Coreq: A course in multivariable calculus

**Description (as it should read in the Graduate Bulletin):**

Not open to students who are taking or who have received credit for MATH 320. The basic concepts and fundamental results of point-set topology. The course includes a review of sets and functions, as well as the study of topological spaces including metric spaces, continuous functions, connectedness, compactness, and elementary constructions of topological spaces.

### 22. MATH

**v. Request: New Course**

Please state the course as follows:

Course number and title: **MATH 640. Probability Theory for Data Science.**

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(5b. GCC continued)

**Hours and credits:** 4 hours; 4 credits

**Prerequisites or corequisites:** Prereq.: A course in probability. Coreq.: A course in multivariable calculus and linear algebra

**Description (as it should read in the Graduate Bulletin):**

Not open to students who are taking or who have received credit for MATH 340. Topics include introducing common random variable models, the central limit theorem, law of large numbers, random variable convergence. Topics may also include order statistics, probability inequalities, Slutsky's Theorem, Markov chains and stochastic gradient descent. Probability computation using modern software.

### 23. MATH

#### w. Request: New Course

Please state the course as follows:

Course number and title: **MATH 641. Statistical Theory for Data Science.**

**Hours and credits:** 4 hours; 4 credits

**Prerequisites or corequisites:** Coreq.: MATH 640 or the equivalent.

**Description (as it should read in the Graduate Bulletin):**

Not open to students who are taking or who have received credit for MATH 341. Point estimation, confidence sets and hypothesis testing from both the Frequentist and Bayesian perspectives. Topics may also include power calculations, multiple comparisons, model selection and randomized experimentation.

### 24. MATH

#### x. Request: New Course

Please state the course as follows:

Course number and title: **MATH 642. Data Science Fundamentals and Machine Learning.**

**Hours and credits:** 4 hr. lec./ 2 hr. lab; 4 credits

**Prerequisites or corequisites:** Prereq: A course in linear algebra, a course in probability, and a course in programming (CSCI 111 or the equivalent)

**Description (as it should read in the Graduate Bulletin):**

Not open to students who are taking or who have received credit for MATH 342W. Recommended corequisites include ECON 382, 387, MATH 341, MATH 343 or their equivalents. Philosophy of modeling with data. Prediction via linear models and machine learning including support vector

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(5b. GCC continued)

machines and random forests. Probability estimation and asymmetric costs. Underfitting vs. overfitting and model validation. Formal instruction of data manipulation, visualization and statistical computing in a modern language.

### 25. MATH

y. **Request: New Course**

Please state the course as follows:

Course number and title: **MATH 643. Computational Statistics for Data Science.**

**Hours and credits:** 3 hours; 3 credits

**Prerequisites or corequisites:** Prereq.: MATH 641 or the equivalent. Coreq.: MATH 642 or the equivalent.

**Description (as it should read in the Graduate Bulletin):**

Not open to students who are taking or who have received credit for MATH 343. Topics may include the Score and generalized likelihood ratio tests, chi-squared tests, Kolmogorov-Smirnov test, basic linear model theory, ridge and lasso, Metropolis-within-Gibbs sampling, permutation tests, the bootstrap and survival modeling. Special topics.

### 26. MATH

z. **Minor Change: Change in course prerequisite or corequisite**

**TO:**

**MATH 702. Modern Abstract Algebra I.** 3 hr.; 4½ cr. Prereq.: MATH 301, 601 or the equivalent. A course in the fundamental concepts, techniques, and results of modern abstract algebra. Concepts and topics studied are semi-groups, groups, rings, fields, modules, vector spaces, algebras, linear algebras, matrices, field extensions, and ideals.

### 27. MATH

**Minor Change: Course Withdrawal**

**FROM:**

~~**MATH 703. Point Set Topology.** 3 hr.; 4½ cr. Prereq.: MATH 614 or 628 or an undergraduate course in topology equivalent to MATH 320. Topological spaces, mappings, connectedness, compactness, separation axioms, product spaces, function spaces. Fall~~

### 28. MATH

**Request: New Course**

Please state the course as follows:

Course number and title: **MATH 720. Algebraic Topology.**

**Hours and credits:** 3 hours; 4 ½ credits

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**Prerequisites or corequisites:** Prereq.: MATH 601 and 620, or the equivalents.

### **Description (as it should read in the Graduate Bulletin):**

Topics chosen from covering spaces, fundamental group, higher homotopy groups, homology/cohomology, homotopy theory, as well as techniques and theory involving simplicial sets.

## 29. MUSIC

### **Request: New Course**

Please state the course as follows:

Course number and title: **MUSIC 7947, Treble Choir**

**Hours and credits:** 4 hours; 1 credit

**Prerequisites or corequisites:** Permission of the instructor; admission is by audition

### **Description (as it should read in the Graduate Bulletin):**

**MUSIC 7947. Treble Choir.** 4 hours, 1 credit. Prereq.: Permission of the instructor; admission is by audition. The purpose of this ensemble is to achieve the highest standards of choral artistry among musics written for soprano and alto voices. Rehearsals are supplemented by individual preparation. May be repeated for credit. Fall, Spring

## 30. GSLIS

### **Minor Change: Change in course description**

**To:**

**LBSCI 709. Research in Library and Information Studies.** 3 hr.; 3 cr. Prereq.: LBSCI 700, 701, 702, 703, and completion of 21 course credits. This required course provides students with a survey of the different methods of inquiry commonly used in library and information studies today and their application in research projects. Students will write a fully developed research proposal that fulfills the requirements of the New York State Department of Education.

## 30. GSLIS

### **Minor Change: Change in course number, course title, course prerequisite or corequisite, and course description**

**To:**

**LBSCI 710. Applied Research in Information Studies.** 3 hr.; 3 cr. Prereq.: LBSCI 700, 701, 702, 703, and 709 (unless waived). This course provides students with an opportunity to conduct an independent project. This course may be undertaken as a practice-based project, or as a research

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project building on research design conducted in LBSCI 709. This course may be repeated twice more for credit provided the topic is not the same.

### 5c. Nominating Committee

- i. MOTION: Duly made by Dave Fields, on behalf of the Nominating Committee:

“To accept the Nominating Committee report dated May 12, 2022”

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

### 1) Search Committee for Dean of Education

The following student was elected by unanimous consent:

Julianna DeAngelis	Education	Until the Search is over
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### 6. Old Business: (none)

### 7. New Business:

- a. University Faculty Senate petitions:

- i. MOTION: Duly made by Senator, Barbara Moore:

“To nominate Robin Naughton to serve on the UFS”

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

- ii. MOTION: Duly made by Senator, Robin Naughton :

“To nominate Simone L. Yearwood to serve on the UFS”

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

MOTION: Duly made by Parliamentarian Dave Fields seconded by Senator Barbara Moore:

“To Adjourn *Sine die*”

The fifty-second meeting of the Academic Senate was adjourned at 3:50 p.m.