Minutes of
The Lehman College Senate Meeting
Wednesday, September 13, 2017
Senate Meeting

Senators Present: Acevedo, J.; Akers, M.; Alborn, T.; Alexander-Street, A.; Ali, T.; Amend, A.; Arias Bueno, M.; Assoumanou, S.; Austin, L.; Baba, N.; Badillo, D.; Bayne, G.; Bazile, S.; Bergmann, R.; Bhuiya, S.; Budescu, M.; Burt, K.; Burton-Pye, B.; Cabrera, S.; Calderon, P.; Campeanu, S.; Capote, N.; Cheng, H.; Clark, V.; Conner, P.; Cruz, J.; Deckman, S.; Doyran, M.; Eleyinafe, O.; Farrell, R.; Fayne, H.; Feliz, M.; Fera, J.; Finger, R.; Forde, A.; Garcia-Dwyer, D.; Gerry, C.; Gilles, Z.; Gomez, E.; Hyman, D.; Jeronimo, C.; Latimer, W.; Liriano, R.; Machado, E.; Magdaleno, J.; Mak, W.; Marianetti, M.; Markens, S.; Marshall, A.; McCabe, J.; McKenna, C.; McNeil, C.; Munch, J.; Nolli Gasper, S.; Oh, H.; Pettipiece, D.; Phillips, M.; Prince, P.; Prohaska, V.; Rampersaud, W.; Rice, A.; Rivera-McCutchen, R.; Rosario, Y.; Sabab Sawonto, M.; Sailor, K.; Salazar, S.; Sarmiento, R.; Schlesinger, K.; Sen, G.; Shanley, D.; Singh, S.; Sisselman, A.; Sosnovskiy, O.; Tananbaum, D.; Ulysse, V.; Valentine, R.; Wangerin, R.; Wynne, B.; Yates, S.; Yavuz, D.

Senators Absent: Atif, I.; Benjamin, C.; DiBello, M.; DiRaimo, S.; Dosso, N.; Eshun, Y.; Flores Veliz, A.; Graulau, J.; Gyeabour, K.; Hernandez, J.; Johnson, M.; Jordan, S.; Knight, S.; Lopez, M.; MacKillop, J.; Martín, Ó.; Mercado, J.; Rahman, A.; Roufai, N.; Roush, K.; Rupp, S.; Sauane, M.

The meeting was called to order by President José L. Cruz at 3:36 p.m.

1. Approval of the Minutes

The minutes of the May 3, 2017 Senate meeting were approved by unanimous voice vote.

2. Announcements and Communications

a. Report of the President

President Cruz welcomed all to the Senate. He shared some CUNY Central statistics, based upon the Performance Management Plan metrics. Some of the highlights are the following:

Lehman College is the online education leader within CUNY;
Lehman College is first in the CUNY system, in the category of 4-year graduation rate of transfer students;
Over the past 5 years, Lehman College has had the largest increase in graduation rates among first-time and transfer students;
At Lehman College, STEM majors increased by 500 students, more than 50%, since 2012;

Lehman College is the only CUNY senior college to experience an increase in awarded research grants, since 2012;
Lehman College has nearly doubled the amount of voluntary monetary support it has received or pledged, compared to 5 years earlier, from $5.3 million to $10.3 million, for scholarly and creative activities; and
Lehman College has created the greatest opportunity for students to enroll in classes at non-traditional hours.

Dr. Cruz also announced his appointment of Professor Alan Kruger as Ombudsman. President Cruz explained that the Ombudsman would serve as a confidential investigator in cases of alleged unfairness or maladministration. President Cruz congratulated Professor Kruger on his appointment.

b. Student Legislative Assembly—

Mr. Jose Acevedo welcomed all to the Senate. He explained that the student government is committed to improving communication between students and faculty, to avoid course-related conflicts and other potential issues. Mr. Acevedo also explained that the student government is devoted to student recognition and representation. He expressed the need for additional hours and wider accommodation at the library, during midterms and finals, as access issues might negatively impact student studies.

Mr. Acevedo announced that there would be a Senate social, where students would have a chance to meet student senators and those who would like to become senators. The event is scheduled for Thursday, October 19, at 2:30 p.m., in the Student Life Building. He wished all a successful year.

REPORTS OF STANDING COMMITTEES–

1. Graduate Studies

Professor Janet Desimone presented proposals for curriculum changes in the following departments: Middle & High School Education; Health Sciences. The proposals were approved by unanimous voice vote. Professor Desimone also presented one informational item, from the School of Education, to remove the Academic Literacy Skills Test (ALST).

See Attachment I

The next meeting is scheduled for Wednesday, October 18th at 11:00 a.m. in Carman, B33A.

2. Governance Committee

Professor Duane Tananbaum presented a slate of student senators to serve on the Senate committees, with three modifications: Senators James M. Mercado, Nyad Roufai, and Evelyn Gomez would be replaced by Jose Acevedo, Wil Rampersayd, and Amna Azeem, respectively. The slate was approved by unanimous voice vote.

See Attachment II

Professor Tananbaum explained that there were three vacancies for two-year terms on the Governance Committee, as the terms of Professors Marie Marianetti, Joseph Fera, and Duane Tananbaum would be expiring. All were nominated to fill the two-year term vacancies. Professor Tananbaum also explained that there was a one-year term vacancy on the committee to replace Professor Rosalind Carey. Professor Susan Markens was nominated to fill the one-year term vacancy. All nominees were approved by unanimous voice vote.

3. Committee on Admissions, Evaluations and Academic Standards

There was no report. Professor Penny Prince urged new student senators of the committee to contact her via email.

Comments and questions were presented regarding admissions standards for the most-recently admitted freshman class. VP of Enrollment Management/Associate Provost, Reine Sarmiento, will present a related enrollment report to the committee, once the census data become available.

4. Undergraduate Curriculum

Professor Prohaska presented curriculum changes in the following departments: African & African American Studies; Biological Sciences; Health Sciences; Journalism, Communication & Theatre; Languages & Literatures; Physics & Astronomy; and Sociology. The proposals were approved by unanimous voice vote.

See Attachment III

The next meeting was scheduled for Wednesday, September 27, 2017 at 1:00 p.m. in SC 1405A.

5. Academic Freedom

There was no report. Professor Duane Tananbaum explained that the committee had not yet had an opportunity to meet.

6. Library, Technology, and Telecommunication

Professor Stephen Castellano presented the report and discussed announcements from the Library, Division of Information Technology, and Online Education.

See Attachment IV

7. Campus Life and Facilities

There was no report.

8. Budget and Long-Range Planning

Professor Haiping Cheng explained that the election of the committee chair had been postponed due to a lack of quorum. He briefed the Senate on the reports of the Interim Provost, Harriet Fayne, and the VP of Administration and Finance, Vincent Clark, from the meeting of the Joint Committee of Senate and FP&B Budget and Long-Range Planning.

See Attachment V

The next meeting was scheduled for Wednesday, November 8th in Shuster 336.

9. University Faculty Senate Report

There was no report. Dr. Ayanna Alexander-Street announced that there would be a plenary on Tuesday, September 26th. She explained that Chancellor Milliken would be in attendance and encouraged all to attend. Dr. Alexander-Street also announced that the University Faculty Senate (UFS) would be having a fall conference on innovations and disruptions in higher education. The conference was scheduled for Friday, November 3rd at 9:00 a.m. in the Graduate Center.

Old Business----None.

New Business----- Nominations were made for a Senate Chair to preside in the absence of the President. Prof. Duane Tananbaum was nominated and elected by unanimous voice vote.

President Cruz reminded everyone that convocation would take place on Wednesday, September 27th at 3:30 p.m. in the Lovinger Theatre. He announced that the ceremony would include his official inauguration as the College's third President. President Cruz also informed all that the Chancellor, James Milliken, and the Chairman of the Board of Trustees, William Thompson Jr., would be in attendance.

The Vice President for Student Affairs, José Magdaleno, announced that there would be an event to support Deferred Action of Childhood Arrivals (DACA) receipient students. The event was scheduled for Thursday, September 14th at 12:00 p.m., in the Student Life Building. VP Magdaleno also announced that there would be a Constitution Day event, with a discussion of DACA, to be held on Monday, September 18th at 3:30 p.m. in the Lovinger Theatre. He encouraged all to attend.

ADJOURNMENT

President Cruz adjourned the meeting at 4:27 p.m.

Respectfully submitted:

Dennis DaCosta

Committee Name	Senator in the Committees
Committee of Governance	Donald Garcia-Dwyer, Maria Feliz and Jose Acevedo(SLA Chair)
Committee on Admissions, Evaluation and Academic Standards	Stefanie Nolli Gaspar, Shovaine V. Singh and Patricia Calderon
Undergraduate Curriculum Committee	Kwaku Gyeabour, Zipporah Gilles, Jose Acevedo (SLA Chair)
Library, Technology and Telecommunications Committee	Mubtasim Sabab Sawonto, Madelin Arias Bueno and Oluwaseun Eleyinafe
Budget and Long Range Planning Committee	Valery Ulysse, Isaac Atif and Shaffiou Assoumanou
Committee on Campus Life and Facilities	Oleg Sosnovskiy, Yaw Eshun and Wil Rampersayd
Committee on Academic Freedom	Sally Cabrera, Nadia Baba and Sandra Salazar
Committee on Graduate Studies	Donald Garcia-Dwyer and Amna Azeem

Senate Meeting – September 13, 2017

Proposed Graduate Studies Report

On behalf of the Graduate Studies Committee, I'd like to put forth proposals from the following departments:

Department of Middle and High School Education

- Course changes: ESC 798; ESC 533; ESC 534

Department of Health Sciences

- Course changes: REC 707; 708; 709; 710; 711; 715; 790
- Degree changes: MSEd in Recreation Education

Does anyone have any questions and/or comments?

Also, I would like to notify the senate of one informational item – a proposal submitted by the School of Education to remove the Academic Literacy Skills test (ALST) (as a requirement from teacher education programs) in Lehman's graduate bulletin. The Board of Regents of New York State adopted an amendment to eliminate this exam from teacher education programs; therefore, the wording must be removed from the bulletin.

LEHMAN COLLEGE
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DEPARTMENT OF HEALTH SCIENCES

CURRICULUM CHANGE

Name of Program and Degree Award: Recreation Education, MSEd
Hegis Number: 0835.01
Program Code: 33998
Effective Term:

1. **Type of Change:** Adding existing option missing from the bulletin; Change in degree requirements

2. **From:**
Recreation Education M.S.Ed. Program

The Master's Program in Recreation Education at Lehman College consists of a 33-credit Master of Science in Education degree, which is designed to prepare individuals for professional employment in the broad field of leisure services.

Admission Requirements

- Bachelor's degree (or its equivalent) from an accredited college or university.
- Demonstrate the ability to successfully pursue graduate study. (Above-average academic achievement in general is required.)
- Two letters of recommendation.
- If conditionally admitted, make up not more than 12 credits of specified undergraduate coursework, starting in the first semester and finishing in no more than three consecutive semesters.

Departmental Retention Policy

Once admitted into one of the graduate programs, students must maintain a Grade Point Average of B. If a student's average falls below B, he or she will have one semester to bring the average up to the minimum standard. Failure to do so may result in dismissal from the program.

Degree Requirements

The curriculum for the M.S.Ed. Program in Recreation includes ~~two~~ options:

Option A: Recreation and Park Administration, which prepares individuals for supervisory and administrative roles in public, voluntary, and commercial recreation agencies.

Option B: Therapeutic Recreation Service, which prepares individuals to deliver therapeutic recreation services in hospitals, nursing homes, day-treatment programs, and other institutional and community settings. Students who complete this option have met the therapeutic recreation option requirements for certification as a Certified Therapeutic Recreation Specialist, administered by the National Council for Therapeutic Recreation Certification.

Students must complete at least 24 credits in recreation courses, 3 credits in HEA 600 or equivalent, and may complete their additional 6 credits in related areas, with the prior approval of the graduate adviser. A maximum of 12 credits may be transferred from other universities or colleges with the approval of the Graduate Adviser. Upon graduation, all students will have met the academic requirements for certification as a Certified Parks and Recreation Professional, administered by the National Recreation and Parks Association.

Recreation Education Curriculum

Option A: Recreation and Park Administration (18 credits):

HEA 600 Biostatistics	3
REC 700 Recreation and Leisure in Modern Society	3
REC 701 Research Methods and Evaluation in Recreation	3
REC 702 Recreation Program Planning and Leadership	3
REC 703 Administrative Process in Recreation and Parks	3
REC 705 Community Recreation and Park Facilities	3

3 credits in Therapeutic Recreation

Select from

REC 640	Therapeutic Recreation & Disabilities	3
REC 704	Therapeutic Recreation Service	3
REC 707	Therapeutic Recreation in Geriatric Settings	3
REC 708	Therapeutic Recreation in Psychiatric Rehabilitation	3
REC 709	Therapeutic Recreation and Developmental Disability	3
REC 710	Therapeutic Recreation Applications to Social Problems	3
REC 711	Therapeutic Recreation Programs and Physical Disability	3

6 credits of administration electives:

Select from	Credits
REC 680 Special Topics in Recreation	3
REC 706 Outdoor Education and Recreation	3
REC 712 Leisure Counseling and Community Programs	3
REC 715 Clinical Practice and Internship	3
REC 790 Independent Study in Recreation	3

6 credits related electives from courses in Health Sciences or Education.

Option B: Therapeutic Recreation Service (18 credits):

HEA 600 Biostatistics	3
REC 700 Recreation and Leisure in Modern Society	3
REC 701 Research Methods and Evaluation in Recreation	3
REC 702 Recreation Program Planning and Leadership	3
REC 703 Administrative Process in Recreation and Parks	3
REC 704 Therapeutic Recreation Service	3

12 credits in Therapeutic Recreation courses:

REC 714 Therapeutic Recreation Program Design	3
REC 724 Advanced Therapeutic Recreation Processes	3

~~**6 credits selected from:**~~

REC 640 Therapeutic Recreation & Disabilities	3
REC 680 Special Topics in Recreation	3
REC 707 Therapeutic Recreation in Geriatric Settings	3
REC 708 Therapeutic Recreation in Psychiatric Rehabilitation	3
REC 709 Therapeutic Recreation and Developmental Disability	3
REC 710 Therapeutic Recreation Applications to Social Problems	3
REC 711 Therapeutic Recreation Programs and Physical Disability	3
REC 790 Independent Study in Recreation	1-3

3 credits in:

REC 715 Clinical Practice and Internship	3
OR	
Related electives	

Related electives: From courses in Health Sciences or Education

3. To:

Recreation Education M.S.Ed. Program

The Master's Program in Recreation Education at Lehman College consists of a 33-credit Master of Science in Education degree, which is designed to prepare individuals for professional employment in the broad field of leisure services.

Admission Requirements

- Bachelor's degree (or its equivalent) from an accredited college or university.
- Demonstrate the ability to successfully pursue graduate study. (Above-average academic achievement in general is required.)
- Two letters of recommendation.
- If conditionally admitted, make up not more than 12 credits of specified undergraduate coursework, starting in the first semester and finishing in no more than three consecutive semesters.

Departmental Retention Policy

Once admitted into one of the graduate programs, students must maintain a Grade Point Average of B. If a student's average falls below B, he or she will have one semester to bring the average up to the minimum standard. Failure to do so may result in dismissal from the program.

Degree Requirements

The curriculum for the M.S.Ed. Program in Recreation includes three options:

Option A: Recreation and Park Administration, which prepares individuals for supervisory and administrative roles in public, voluntary, and commercial recreation agencies.

Option B: Therapeutic Recreation Service, which prepares individuals to deliver therapeutic recreation services in hospitals, nursing homes, day-treatment programs, and other institutional and community settings. Students who complete this option have met the therapeutic recreation option requirements for certification as a Certified Therapeutic Recreation Specialist, administered by the National Council for Therapeutic Recreation Certification.

Option C: Physical Education Teacher: This option is open ONLY to students who possess initial certification as a physical education teacher and are pursuing

professional certification, for which this degree will qualify them, according to the NYS Education Department.

Students must complete at least 24 credits in recreation courses, 3 credits in HEA 600 or equivalent, and may complete their additional 6 credits in related areas, with the prior approval of the graduate adviser. A maximum of 12 credits may be transferred from other universities or colleges with the approval of the Graduate Adviser. Upon graduation, all students will have met the academic requirements for certification as a Certified Parks and Recreation Professional, administered by the National Recreation and Parks Association.

Recreation Education Curriculum

Option A: Recreation and Park Administration (18 credits) and

Option C: Physical Education Teacher (for initial PE certificants ONLY)

HEA 600 Biostatistics	3
REC 700 Recreation and Leisure in Modern Society	3
REC 701 Research Methods and Evaluation in Recreation	3
REC 702 Recreation Program Planning and Leadership	3
REC 703 Administrative Process in Recreation and Parks	3
REC 705 Community Recreation and Park Facilities	3

3 credits in Therapeutic Recreation

Select from

REC 640	Therapeutic Recreation & Disabilities	3
REC 704	Therapeutic Recreation Service	3
REC 707	Therapeutic Recreation in Geriatric Settings	3
REC 708	Therapeutic Recreation in Psychiatric Rehabilitation	3
REC 709	Therapeutic Recreation and Developmental Disability	3
REC 710	Therapeutic Recreation Applications to Social Problems	3
REC 711	Therapeutic Recreation Programs and Physical Disability	3

6 credits related electives from courses in Health Sciences or Education.

Option B: Therapeutic Recreation Service (18 credits):

HEA 600 Biostatistics	3
REC 700 Recreation and Leisure in Modern Society	3
REC 701 Research Methods and Evaluation in Recreation	3
REC 702 Recreation Program Planning and Leadership	3

REC 703 Administrative Process in Recreation and Parks 3
REC 704 Therapeutic Recreation Service 3

12 credits in Therapeutic Recreation courses

REC 714 Therapeutic Recreation Program Design 3
REC 724 Advanced Therapeutic Recreation Processes 3

REC 640 Therapeutic Recreation & Disabilities 3
REC 680 Special Topics in Recreation 3
REC 707 Therapeutic Recreation in Geriatric Settings 3
REC 708 Therapeutic Recreation in Psychiatric Rehabilitation 3
REC 709 Therapeutic Recreation and Developmental Disability 3
REC 710 Therapeutic Recreation Applications to Social Problems 3
REC 711 Therapeutic Recreation Programs and Physical Disability 3
REC 790 Independent Study in Recreation 1-3

3 credits in:

REC 715 Clinical Practice and Internship 3

OR

Related electives

Related electives: From courses in Health Sciences or Education

4. **Rationale:**
The addition of Option C is to update the bulletin with this information, which was added many years ago. The change in course requirements for Option B is to provide more options of appropriate courses for the students and promote timely completion of degree requirements.

5. **Date of departmental approval:** April 5, 2017

LEHMAN COLLEGE
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DEPARTMENT OF HEALTH SCIENCES

CURRICULUM CHANGE

1. **Type of Change:** Change in Prerequisite

2. **From:**

Department(s)	Health Sciences
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 715
Course Title	Clinical Practice and Internship
Description	Field placement in approved institution or community agency, including therapeutic, public, or voluntary settings. Required for graduate recreation majors without professional experience.
Pre/ Co Requisites	~~REC 700 and REC 702 and either REC 703 or REC 704, and permission~~ of the Graduate Advisor.
Credits	3
Hours	6
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	Internship; Clinical Practice
General Education Component	__x_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 715
Course Title	Clinical Practice and Internship
Description	Field placement in approved institution or community agency, including therapeutic, public, or voluntary settings. Required for graduate recreation majors without professional experience.
Pre/ Co Requisites	Permission of the Graduate Advisor.
Credits	3
Hours	6
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	Internship; Clinical Practice
General Education Component	_X__ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale:**
Additional credits in specific content is now required, so it is necessary for students to receive permission from the graduate advisor before registering. Since the number of prerequisites is being increased, it is not possible to list all of the possible combination of prerequisites. The graduate advisor will ensure that students have the proper foundation for REC 715.

5. **Date of departmental approval:** April 5, 2017

LEHMAN COLLEGE
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DEPARTMENT OF HEALTH SCIENCES

CURRICULUM CHANGE

1. **Type of Change:** Change in course description

2. **From:**

Department(s)	Health Sciences
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 707
Course Title	Therapeutic Recreation in Geriatric Settings
Description	Examination of therapeutic recreation services for ~~individuals with disabilities in a variety of settings.~~
Pre/ Co Requisites	Permission of Graduate Advisor.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	Health Sciences
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 707
Course Title	Therapeutic Recreation in Geriatric Settings
Description	Examination of therapeutic recreation services for older adults, including settings, needs, programming, interventions and ethical issues.
Pre/ Co Requisites	Permission of Graduate Advisor.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale:**
Course description has been made more specific to more accurately reflect course content.

5. **Date of departmental approval:** April 5, 2017

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DEPARTMENT OF HEALTH SCIENCES

CURRICULUM CHANGE

1. **Type of Change:** Change in course description

2. **From:**

Department(s)	Health Sciences
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 708
Course Title	Therapeutic Recreation in Psychiatric Rehabilitation
Description	~~Examination of therapeutic recreation services for individuals with disabilities in a variety of settings.~~
Pre/ Co Requisites	Permission of Graduate Advisor.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	_X__ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	Health Sciences
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 708
Course Title	Therapeutic Recreation in Psychiatric Rehabilitation
Description	Application of the therapeutic recreation process to psychiatric diagnoses and the role of leisure in mental health.
Pre/ Co Requisites	Permission of Graduate Advisor.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

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CURRICULUM CHANGE

1. **Type of Change:** Change in course description

2. **From:**

Department(s)	Health Sciences
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 709
Course Title	Therapeutic Recreation and Developmental Disability
Description	~~Examination of therapeutic recreation services for individuals with disabilities in a variety of settings.~~
Pre/ Co Requisites	Permission of Graduate Advisor.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	Health Sciences
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 709
Course Title	Therapeutic Recreation and Developmental Disability
Description	Examination of the role and functions of therapeutic recreation in the lives of people with developmental disabilities, including instructional strategies, leisure education, and inclusion.
Pre/ Co Requisites	Permission of Graduate Advisor.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

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2. **From:**

Department(s)	Health Sciences
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 710
Course Title	Therapeutic Recreation Applications to Social Problems
Description	~~Examination of therapeutic recreation services for individuals with disabilities in a variety of settings.~~
Pre/ Co Requisites	Permission of Graduate Advisor.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	Health Sciences
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 710
Course Title	Therapeutic Recreation Applications to Social Problems
Description	Examination of the prevention and treatment roles of therapeutic recreation for individuals whose conditions are either caused (all or in part) or exacerbated by societal situations and/or that have a significant impact on society, such as poverty, homelessness, substance and other forms of abuse, risky environments, and incarceration.
Pre/ Co Requisites	Permission of Graduate Advisor.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

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2. **From:**

Department(s)	Health Sciences
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 711
Course Title	Therapeutic Recreation Programs and Physical Disability
Description	Examination of therapeutic recreation services for ~~individuals with disabilities in a variety of settings.~~
Pre/ Co Requisites	Permission of Graduate Advisor.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	Health Sciences
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 711
Course Title	Therapeutic Recreation Programs and Physical Disability
Description	Examination of therapeutic recreation services for people with physical disabilities and health conditions, including characteristics of physical conditions, psychosocial impacts of disability, and assessment and program design.
Pre/ Co Requisites	Permission of Graduate Advisor.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale:**
Course description has been made more specific to more accurately reflect course content.

5. **Date of departmental approval:** April 5, 2017

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF HEALTH SCIENCES

CURRICULUM CHANGE

1. **Type of Change:** Change in prerequisite; course description

2. **From:**

Department(s)	Health Sciences
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 790
Course Title	Independent Study in Recreation
Description	~~(May be reelected for up to 3 credits.)~~ Planned program of individual study under the guidance and supervision of a member of the department.
Pre/ Co Requisites	Permission of Graduate Advisor and ~~6 credits in Recreation~~.
Credits	1-3
Hours	1-3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	Health Sciences
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 790
Course Title	Independent Study in Recreation
Description	Planned program of individual study under the guidance and supervision of a member of the department. (May be reelected for up to 3 credits.)
Pre/ Co Requisites	Permission of Graduate Advisor and 15 credits in Recreation.
Credits	1-3
Hours	1-3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	_X__ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale:**
The change in prerequisite to increase number of credits will ensure that students have sufficient background to pursue an independent course of study, with the guidance of the advisor.

5. **Date of departmental approval:** April 5, 2017

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF MIDDLE/ HIGH SCHOOL EDUCATION

CURRICULUM CHANGE

1. **Type of Change:** Prerequisite

2. **From:**

Department(s)	Middle and High School Education
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Education
Course Prefix & Number	ESC 798
Course Title	Student Teaching in TESOL
Description	Student teaching in ESOL in elementary and secondary education settings or in adult education for pre-service teachers. Assigned in-class activities required.
Pre/ Co Requisites	PREREQ: Completion of TESOL methods courses with a grade of B or better; an overall index of 3.0 or better; submission of ~~ALST,~~ EAS and ESOL scores (Seq. 2, 4); and permission from the Professional Development Coordinator. COREQ: ESC 610.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	_ X _ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	Middle and High School Education
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Education
Course Prefix & Number	ESC 798
Course Title	Student Teaching in TESOL
Description	Student teaching in ESOL in elementary and secondary education settings or in adult education for pre-service teachers. Assigned in-class activities required.
Pre/ Co Requisites	PREREQ: Completion of TESOL methods courses with a grade of B or better; an overall index of 3.0 or better; submission of EAS and ESOL scores (Seq. 2, 4); and permission from the Professional Development Coordinator. COREQ: ESC 610.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	_ X _ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale:**
New York State no longer requires the ALST exam as a prerequisite for certification.

5. **Date of departmental approval:** April 6, 2017

LEHMAN COLLEGE
OF THE
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DEPARTMENT OF MIDDLE AND HIGH SCHOOL EDUCATION

CURRICULUM CHANGE

1. **Type of Change:** Prerequisite/*corequisite*

2. **From:**

Department(s)	Middle and High School Education
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Education
Course Prefix & Number	ESC 533
Course Title	Teaching World History in Middle and High School
Description	Theory and practice of curriculum, lesson planning, and national and State standards in middle and high school world history and geography courses. Uses of technology and relevant reviews of software, teaching strategies, assessments, and inclusion of special student populations. Includes supervised fieldwork in middle and high school.
Pre/ Co Requisites	PRE- or COREQS: ESC 501 (or equivalent) and/or ESC 502 (or equivalent), 3.0 GPA, and submission of scores on ~~the New York State ALST examination and~~ the CST.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc.)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	Middle and High School Education
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Education
Course Prefix & Number	ESC 533
Course Title	Teaching World History in Middle and High School
Description	Theory and practice of curriculum, lesson planning, and national and State standards in middle and high school world history and geography courses. Uses of technology and relevant reviews of software, teaching strategies, assessments, and inclusion of special student populations. Includes supervised fieldwork in middle and high school.
Pre/ Co Requisites	PRE- or COREQS: ESC 501 (or equivalent) and/or ESC 502 (or equivalent), 3.0 GPA, and submission of scores on the CST.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale:**
New York State no longer requires the ALST exam as a prerequisite for certification.

5. **Date of departmental approval:** April 6, 2017

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF MIDDLE AND HIGH SCHOOL EDUCATION

CURRICULUM CHANGE

1. **Type of Change:** Prerequisite/*corequisite*

2. **From:**

Department(s)	Middle and High School Education
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Education
Course Prefix & Number	ESC 534
Course Title	Teaching U.S. History and government
Introduction to current Description	Introduction to current theory on curriculum, alternate views on scope and sequence, lesson planning, and national and State standards in middle and high school social studies. Uses of technology; relevant software; alternative teaching strategies; different types of assessment; inclusion of special student populations; and literacy development in social studies. Includes field experience. Students cannot receive credit for both ESC 434 and ESC 534.
Pre/ Co Requisites	PRE- or COREQS: ESC 501 (or equivalent) and/or ESC 502 (or equivalent), 3.0 GPA, and submission of scores on ~~the New York State ALST examination and~~ the CST.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc.)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society

	____ Scientific World

3. **To:**

Department(s)	
Career	[ ] Undergraduate [X] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Middle and High School Education
Course Prefix & Number	ESC 534
Course Title	Teaching U.S. History and government
Description	Introduction to current theory on curriculum, alternate views on scope and sequence, lesson planning, and national and State standards in middle and high school social studies. Uses of technology; relevant software; alternative teaching strategies; different types of assessment; inclusion of special student populations; and literacy development in social studies. Includes field experience. Students cannot receive credit for both ESC 434 and ESC 534.
Pre/ Co Requisites	PRE- or COREQS: ESC 501 (or equivalent) and/or ESC 502 (or equivalent), 3.0 GPA, and submission of scores on the CST.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale:**
New York State no longer requires the ALST exam as a prerequisite for certification.

5. **Date of departmental approval:** April 6, 2017

LEHMAN COLLEGE
OF THE
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SCHOOL OF EDUCATION

CURRICULUM CHANGE

Name of Program, Degree Award, and Program Code:

Early Childhood Education	MSED	25780
Early Childhood Education with Bilingual Extension	MSED	25776
Childhood Education with Bilingual Extension	MSED	25797
Childhood Education	MSED	25800
English Education	MSED	25803
Math Education	MSED	25827
Science Education	MSED	25791
Social Studies 7-12	MA	25794
Spanish Education	MA	33999
TESOL	MSED	25784
Special Ed Childhood	MSED	25812
Special Ed Early Childhood	MSED	25815
Special Education Adolescent	MSED	25829

Effective Term: Fall 2017

1. **Type of Change:** *Program admission, degree, certification, and graduation requirements*

2. **From:**

3. **To:** Eliminate the ALST requirement from the graduate bulletin in the program description, admission requirements, degree requirements, certification requirements, and graduation requirements.

4. **Rationale:**
The Board of Regents of New York State adopted a proposed amendment to eliminate the Academic Literacy Skills Test (ALST) for teacher certification at its March 2017 meeting. The amendment was submitted as an emergency action, thereby eliminating the requirement of the ALST for certification effective March 14, 2017.

5. **Date of departmental (School of Education) approval:** April 25, 2017

Senate Meeting – September 13, 2017

Undergraduate Curriculum Committee (UCC) Report

The following proposals were approved unanimously by the UCC, with a quorum present on May 10, 2017 (8 of 10 members in attendance) or on August 30, 2017 (6 of 10 members in attendance):

1. African & African-American Studies
    - Change course AAS 352
2. Biological Sciences
    - Change degree BIO II BA
    - Change description BIO 489
    - Change description BIO 490
    - New course BIO 189
    - Change degree BIO I BS
3. Health Sciences
    - Grading
    - New course DFN 347
    - Change course PHE 302
    - Change pre-req PHE 303
    - Change pre-req PHE 304
    - New course PHE 360
    - Change pre-req REC 425
    - Change pre-req, hours REC 370
    - Change pre/co-req, hours REC 470
    - Change pre-req, hours, description REC 471
    - Change minor - recreation
    - Change hours, description REC 493
4. Journalism, Communications & Theatre
    - Withdraw MMJ 214, 217, 316, 344
    - Withdraw MMS 211, 215, 216, 217, 222, 315, 322, 326, 334, 357, 370, 409, 470
    - Withdraw MLJ 200, 211, 214, 221, 300, 302, 321, 332, 347, 350, 370, 422, 424, 470
5. Languages & Literatures
    - Change course FRE 111
    - Change course ITA 111
    - Change course JAL 111
    - Change course SPA 111
6. Physics & Astronomy
    - Change course AST 101
    - New course AST 102
    - AST 102 Pathways
7. Sociology
    - Change course SOC 481

Next meeting: September 27, 1 pm, SC1405A

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF AFRICAN AND AFRICAN AMERICAN STUDIES

CURRICULUM CHANGE

1. **Type of Change:** Change in credits

2. **From:**

Department(s)	African & African American Studies
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	African & African American Studies
Course Prefix & Number	AAS 352
Course Title	Topics in African American History & Culture
Description	Selected aspects of African American history & culture. Topics to be announced each semester.
Pre/ Co Requisites	NA
Credits	3
Hours	3
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	__X_ Not Applicable _____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	African & African American Studies
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	African & African American Studies
Course Prefix & Number	AAS 352
Course Title	Topics in African American History & Culture
Description	Selected aspects of African American history & culture. Topics to be announced each semester.
Pre/ Co Requisites	NA
Credits	3 (Maximum of 9 credits. May be repeated twice with change of topic).
Hours	3
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ___ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale (Explain how this change will impact the learning outcomes of the department and Major/Program):**
This change will impact the learning outcomes by allowing more variety within the interdisciplinary context of Topics in African American Studies. Majors will have more variety of knowledge within the discipline.

5. **Date of departmental approval:** 4-26-2017

CUNY Common Core
Course Submission Form

Instructions: All courses submitted for the Common Core must be liberal arts courses. Courses may be submitted for only one area of the Common Core. All courses must be 3 credits/3 contact hours unless the college is seeking a waiver for another type of Math or Science course that meets major requirements. Colleges may submit courses to the Course Review Committee at any time. Courses must also receive local campus governance approval for inclusion in the Common Core.

College	Lehman College
Course Prefix and Number (e.g., ANTH 101, if number not assigned, enter XXX)	AST 102
Course Title	Introduction to the Universe
Department(s)	Physics and Astronomy
Discipline	Astronomy
Credits	3
Contact Hours	4 (2 lecture, 2 lab)
Pre-requisites (if none, enter N/A)	n/a
Co-requisites (if none, enter N/A)	n/a
Catalogue Description	An exploration of the important phenomena that influence our universe on the largest scales. Includes the lifecycles of stars, galaxy formation and dynamics, the Big Bang, and cosmology.
Special Features (e.g., linked courses)	n/a
Sample Syllabus	Syllabus must be included with submission, 5 pages max recommended

Indicate the status of this course being nominated:

☐ current course ☐ revision of current course ☒ a new course being proposed

CUNY COMMON CORE Location

Please check below the area of the Common Core for which the course is being submitted. (Select only one.)

Required	Flexible	
☐ English Composition	☐ World Cultures and Global Issues	☐ Individual and Society
☐ Mathematical and Quantitative Reasoning	☐ US Experience in its Diversity	☐ Scientific World
☒ Life and Physical Sciences	☐ Creative Expression	

Waivers for Math and Science Courses with more than 3 credits and 3 contact hours

Waivers for courses with more than 3 credits and 3 contact hours will only be accepted in the required areas of "Mathematical and Quantitative Reasoning" and "Life and Physical Sciences." Three credit/3-contact hour courses must also be available in these areas.

If you would like to request a waiver please check here:	☐ Waiver requested
If waiver requested: Please provide a brief explanation for why the course will not be 3 credits and 3 contact hours.	
If waiver requested: Please indicate whether this course will satisfy a major requirement, and if so, which major requirement(s) the course will fulfill.	

Learning Outcomes **In the left column explain the course assignments and activities that will address the learning outcomes in the right column.**	
I. Required Core (12 credits)	
A. English Composition: Six credits A course in this area must meet all the learning outcomes in the right column. A student will:	
	• Read and listen critically and analytically, including identifying an argument's major assumptions and assertions and evaluating its supporting evidence.
	• Write clearly and coherently in varied, academic formats (such as formal essays, research papers, and reports) using standard English and appropriate technology to critique and improve one's own and others' texts.
	• Demonstrate research skills using appropriate technology, including gathering, evaluating, and synthesizing primary and secondary sources.
	• Support a thesis with well-reasoned arguments, and communicate persuasively across a variety of contexts, purposes, audiences, and media.
	• Formulate original ideas and relate them to the ideas of others by employing the conventions of ethical attribution and citation.
B. Mathematical and Quantitative Reasoning: Three credits A course in this area must meet all the learning outcomes in the right column. A student will:	
	• Interpret and draw appropriate inferences from quantitative representations, such as formulas, graphs, or tables.
	• Use algebraic, numerical, graphical, or statistical methods to draw accurate conclusions and solve mathematical problems.
	• Represent quantitative problems expressed in natural language in a suitable mathematical format.
	• Effectively communicate quantitative analysis or solutions to mathematical problems in written or oral form.
	• Evaluate solutions to problems for reasonableness using a variety of means, including informed estimation.
	• Apply mathematical methods to problems in other fields of study.

C. Life and Physical Sciences: Three credits A course in this area must meet all the learning outcomes in the right column. A student will:	
Students will learn concepts and methods in astronomy by attending lectures and reading the textbook. These will be applied in class discussions, quizzes, homework exercises and labs.	• Identify and apply the fundamental concepts and methods of a life or physical science.
In the lab portion of this class students will apply the steps of the scientific method to perform experiments in astronomy and optics. Labs will have an explicit focus on the process of science as applied to the field of astronomy.	• Apply the scientific method to explore natural phenomena, including hypothesis development, observation, experimentation, measurement, data analysis, and data presentation.
Students will utilize optical benches, telescopes, and astronomical data analysis software to conduct laboratory experiments.	• Use the tools of a scientific discipline to carry out collaborative laboratory investigations.
All experiments in the lab component involve taking data through measurements. All lab exercises will be written up in formal reports, including a statement of hypothesis, detailed description of apparatus, methods, and recorded data, and a statement of conclusions.	• Gather, analyze, and interpret data and present it in an effective written laboratory or fieldwork report.
In laboratory exercises, students will be encouraged to describe apparent failed experiments and include descriptions of unexpected results in reports.	• Identify and apply research ethics and unbiased assessment in gathering and reporting scientific data.
II. Flexible Core (18 credits) Six three-credit liberal arts and sciences courses, with at least one course from each of the following five areas and no more than two courses in any discipline or interdisciplinary field.	
A. World Cultures and Global Issues	
A Flexible Core course must meet the three learning outcomes in the right column.	
	• Gather, interpret, and assess information from a variety of sources and points of view.
	• Evaluate evidence and arguments critically or analytically.
	• Produce well-reasoned written or oral arguments using evidence to support conclusions.
A course in this area (II.A) must meet at least three of the additional learning outcomes in the right column. A student will:	
	• Identify and apply the fundamental concepts and methods of a discipline or interdisciplinary field exploring world cultures or global issues, including, but not limited to, anthropology, communications, cultural studies, economics, ethnic studies, foreign languages (building upon previous language acquisition), geography, history, political science, sociology, and world literature.
	• Analyze culture, globalization, or global cultural diversity, and describe an event or process from more than one point of view.
	• Analyze the historical development of one or more non-U.S. societies.
	• Analyze the significance of one or more major movements that have shaped the world's societies.
	• Analyze and discuss the role that race, ethnicity, class, gender, language, sexual orientation, belief, or other forms of social differentiation play in world cultures or societies.
	• Speak, read, and write a language other than English, and use that language to respond to cultures other than one's own.

B. U.S. Experience in its Diversity A Flexible Core course must meet the three learning outcomes in the right column.	
	• Gather, interpret, and assess information from a variety of sources and points of view.
	• Evaluate evidence and arguments critically or analytically.
	• Produce well-reasoned written or oral arguments using evidence to support conclusions.
A course in this area (II.B) must meet at least three of the additional learning outcomes in the right column. A student will:	
	• Identify and apply the fundamental concepts and methods of a discipline or interdisciplinary field exploring the U.S. experience in its diversity, including, but not limited to, anthropology, communications, cultural studies, economics, history, political science, psychology, public affairs, sociology, and U.S. literature.
	• Analyze and explain one or more major themes of U.S. history from more than one informed perspective.
	• Evaluate how indigenous populations, slavery, or immigration have shaped the development of the United States.
	• Explain and evaluate the role of the United States in international relations.
	• Identify and differentiate among the legislative, judicial, and executive branches of government and analyze their influence on the development of U.S. democracy.
	• Analyze and discuss common institutions or patterns of life in contemporary U.S. society and how they influence, or are influenced by, race, ethnicity, class, gender, sexual orientation, belief, or other forms of social differentiation.
C. Creative Expression	
A Flexible Core course must meet the three learning outcomes in the right column.	
	• Gather, interpret, and assess information from a variety of sources and points of view.
	• Evaluate evidence and arguments critically or analytically.
	• Produce well-reasoned written or oral arguments using evidence to support conclusions.
A course in this area (II.C) must meet at least three of the additional learning outcomes in the right column. A student will:	
	• Identify and apply the fundamental concepts and methods of a discipline or interdisciplinary field exploring creative expression, including, but not limited to, arts, communications, creative writing, media arts, music, and theater.
	• Analyze how arts from diverse cultures of the past serve as a foundation for those of the present, and describe the significance of works of art in the societies that created them.
	• Articulate how meaning is created in the arts or communications and how experience is interpreted and conveyed.
	• Demonstrate knowledge of the skills involved in the creative process.
	• Use appropriate technologies to conduct research and to communicate.

D. Individual and Society A Flexible Core course must meet the three learning outcomes in the right column.	
	• Gather, interpret, and assess information from a variety of sources and points of view.
	• Evaluate evidence and arguments critically or analytically.
	• Produce well-reasoned written or oral arguments using evidence to support conclusions.
A course in this area (II.D) must meet at least three of the additional learning outcomes in the right column. A student will:	
	• Identify and apply the fundamental concepts and methods of a discipline or interdisciplinary field exploring the relationship between the individual and society, including, but not limited to, anthropology, communications, cultural studies, history, journalism, philosophy, political science, psychology, public affairs, religion, and sociology.
	• Examine how an individual's place in society affects experiences, values, or choices.
	• Articulate and assess ethical views and their underlying premises.
	• Articulate ethical uses of data and other information resources to respond to problems and questions.
	• Identify and engage with local, national, or global trends or ideologies, and analyze their impact on individual or collective decision-making.
E. Scientific World A Flexible Core course must meet the three learning outcomes in the right column.	
	• Gather, interpret, and assess information from a variety of sources and points of view.
	• Evaluate evidence and arguments critically or analytically.
	• Produce well-reasoned written or oral arguments using evidence to support conclusions.
A course in this area (II.E) must meet at least three of the additional learning outcomes in the right column. A student will:	
	• Identify and apply the fundamental concepts and methods of a discipline or interdisciplinary field exploring the scientific world, including, but not limited to: computer science, history of science, life and physical sciences, linguistics, logic, mathematics, psychology, statistics, and technology-related studies.
	• Demonstrate how tools of science, mathematics, technology, or formal analysis can be used to analyze problems and develop solutions.
	• Articulate and evaluate the empirical evidence supporting a scientific or formal theory.
	• Articulate and evaluate the impact of technologies and scientific discoveries on the contemporary world, such as issues of personal privacy, security, or ethical responsibilities.
	• Understand the scientific principles underlying matters of policy or public concern in which science plays a role.

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF_BIOLOGICAL SCIENCES

CURRICULUM CHANGE

Name of Program and Degree Award: Biological Sciences, Bachelor of Arts
Hegis Number: 0401.00
Program Code: 34022
Effective Term: Fall 2017

1. **Type of Change:** Change in Degree Requirements, Name of Registered Degree

2. **From:**
Biology I, B.~~A.~~ (~~69-70~~ Credit Major)

The required courses and credits are distributed as follows:
Credits (~~69-70~~)

~~8~~ credits in:		Credits
BIO 166	Principles of Biology: Cells and Genes	4
BIO 167	Principles of Biology: Organisms	4

BIO 166, BIO 167: One counts as General Education and the other toward the major. Both are prerequisites to all other Biology courses.

~~24 credits in advanced Biology courses: Credits~~
~~BIO 200, 300, and 400 levels Biology courses~~

~~200, 300 and 400 levels Biology courses: With at least 12 credits at the 300 level or higher. Course schedules to be approved by the Department's student adviser.~~

~~10~~ credits in general chemistry:		Credits
CHE 166	General Chemistry I	~~3~~
CHE 167	General Chemistry Laboratory I	~~2~~
CHE 168	General Chemistry II	~~3~~
CHE 169	General Chemistry Laboratory II	~~2~~

10 credits in organic chemistry		Credits
CHE 232	Organic Chemistry Lecture I	3
CHE 233	Organic Chemistry Laboratory I	2
CHE 234	Organic Chemistry Lecture II	3
CHE 235	Organic Chemistry Laboratory II	2

10 credits in general physics:		Credits
PHY 166	General Physics I	5
PHY 167	General Physics II	5

~~7-8~~ credits in mathematics:		Credits
MAT 175	Calculus I	4
	~~And~~	
~~MAT 176~~	~~Calculus II~~	~~4~~
	~~Or~~	
~~MAT 175~~	~~Calculus I~~	~~4~~
	~~And~~	
~~MAT 231~~	~~Statistics for Biologists~~	~~4~~
	~~Or~~	
~~BIO 240~~	~~Biostatistics~~	~~3~~
	~~Or~~	
~~PSY 226~~	~~Statistical Methods in Psychology~~	~~4~~

~~Qualified students may also take:~~		~~Credits~~
~~BIO 450~~	~~Biology Seminar~~	~~1~~
~~BIO 489~~	~~Introduction to Experimental Biology~~	~~1~~
~~BIO 490~~	~~Honors in Biological Sciences~~	~~3~~

3. **To:**
Biology I, B.S. (70-74 Credit Major)

The required courses and credits are distributed as follows:
Credits (70-74)

15 credits in Foundation (Required) Courses:		Credits
BIO 166	Principles of Biology: Cells and Genes	4
BIO 167	Principles of Biology: Organisms	4
BIO 238	Genetics	4
BIO 240	Biostatistics	3

BIO 166, BIO 167: One counts as General Education and the other toward the major. Both are prerequisites to all other Biology courses.

11 credits in general chemistry:		Credits
CHE 166	General Chemistry I	4
CHE 167	General Chemistry Laboratory I	1.5
CHE 168	General Chemistry II	4
CHE 169	General Chemistry Laboratory II	1.5

10 credits in organic chemistry		Credits
CHE 232	Organic Chemistry Lecture I	3
CHE 233	Organic Chemistry Laboratory I	2
CHE 234	Organic Chemistry Lecture II	3
CHE 235	Organic Chemistry Laboratory II	2

10 credits in general physics:		Credits
PHY 166	General Physics I	5
PHY 167	General Physics II	5

4 credits in mathematics:		Credits
MAT 175	Calculus I	4

21-24 credits in one of the following tracks: Credits

Biomedical Sciences 21-23
Select courses from Lists: A, B, and C

12 credits from List A

BIO 228	Mammalian Physiology	4
BIO 267	Comparative Anatomy of Vertebrates	4
BIO 331	Experimental Microbiology	4
BIO 333	Endocrine Physiology	4
BIO 350	Introduction to Immunology	4
BIO 400	Biological Chemistry	4
BIO 415	Medical Microbiology	4
BIO 420	Molecular Biology	4

At least 8 credits from List B

BIO 241	Evolution Species and Biogeography	3
BIO 268	Vertebrate Embryology	4
BIO 311	Parasitology	3
BIO 312	Parasitology Laboratory	2
BIO 320	Neural Development: From Genes and Cells to Brains	3
BIO 321	Neural Development Laboratory	2
BIO 330	Plant Physiology	4
BIO 336	Marine Biology	3
BIO 338	Genetics of Man	4
BIO 339	Ecology	4
BIO 340	Human Body and Brain	3
BIO 341	Human Body and Brain Laboratory	2
BIO 401	Biological Systematics	4
BIO 406	Biochemistry of Differentiation	4
BIO 431	Comparative Animal Physiology	4
BIO 435	Neurophysiology	3
BIO 465	Microbial Physiology and Genetics	4

At least 1 credit from List C:

BIO 450	Biology Seminar	1
BIO 489	Introduction to Experimental Biology	1
BIO 490	Honors in Biological Sciences	3

Organismic Sciences 21-23

Select courses from Lists: A, B, and C

At least 12 credits from List A

BIO 241	Evolution Species and Biogeography	3
BIO 268	Vertebrate Embryology	4
BIO 311	Parasitology	3
BIO 312	Parasitology Laboratory	2
BIO 320	Neural Development: From Genes and Cells to Brains	3
BIO 321	Neural Development Laboratory	2
BIO 330	Plant Physiology	4
BIO 336	Marine Biology	3
BIO 338	Genetics of Man	4
BIO 339	Ecology	4
BIO 340	Human Body and Brain	3
BIO 341	Human Body and Brain Laboratory	2
BIO 401	Biological Systematics	4
BIO 406	Biochemistry of Differentiation	4
BIO 431	Comparative Animal Physiology	4
BIO 435	Neurophysiology	3
BIO 465	Microbial Physiology and Genetics	4

8 credits from List B

BIO 228	Mammalian Physiology	4
BIO 267	Comparative Anatomy of Vertebrates	4
BIO 331	Experimental Microbiology	4
BIO 333	Endocrine Physiology	4
BIO 350	Introduction to Immunology	4
BIO 400	Biological Chemistry	4
BIO 415	Medical Microbiology	4
BIO 420	Molecular Biology	4

At least 1 credit from List C

Bio 450	Biology Seminar	1
Bio 489	Introduction to Experimental Biology	1

Bio 490	Honors in Biological Sciences	3

Brain Sciences 20-22
Select courses from Lists: A, B, and C

13 credits from List A

BIO 320	Neural Development: From Genes and Cells to Brains	3
BIO 321	Neural Development Laboratory	2
BIO 340	Human Body and Brain	3
BIO 341	Human Body and Brain Laboratory	2
BIO 435	Neurophysiology	3

At least 1 credit from List B

BIO 450	Biology Seminar	1
BIO 489	Introduction to Experimental Biology	1
BIO 490	Honors in Biological Sciences	3

6 credits from List C

In Psychology: PSY 308 or 310 or 312 or 314 or 317 or 366

Note: PSY 308, 310, 312, 314, 317, and 366 have PSY 166 as a prerequisite.

Bioenvironmental Sciences 21-24
Select courses from Lists: A, B, and C or D

At least 14 credits from List A

BIO 241	Evolution Species and Biogeography	3
BIO 311	Parasitology	3
BIO 312	Parasitology Laboratory	2
BIO 330	Plant Physiology	4
BIO 331	Experimental Microbiology	4
BIO 336	Marine Biology	3
BIO 339	Ecology	4

At least 1 credit from List B

BIO 450	Biology Seminar	1
BIO 489	Introduction to Experimental Biology	1
BIO 490	Honors in Biological Sciences	3

6-7 credits from List C

In Geospatial Sciences: GEP 204 or GEP 205, and, GEP 321 or GEP 3750

Note: GEP 205 has GEO 101 or GEH 101 as a prerequisite, and GEP 3750 has GEP 204 or GEP 205 as a prerequisite.

OR

6 credits from List D

In Political Science: POL 3600 or POL 366 or POL 368 or POL 343

4. **Rationale (Explain how this change will impact learning outcomes of the department and Major/Program):**

We are changing the requirements for the 70-credit biology major to provide students with a more rigorous background in biology that includes knowledge of genetics and statistics. Additionally, we have reorganized the electives so students can combine their knowledge of biology with other disciplines. By organizing the electives to create tracks of study and allowing students to take courses from other departments, we think that we will better prepare students for the job market and give them greater career options in STEM fields. The emphasis of our program on math and science courses and the additional requirements we are introducing necessitate that we change the degree from a B.A. to a B.S. The structure of our program is in line with Biology B.S. degrees offered by other CUNY colleges such as City College, York College, Staten Island.

5. **Date of departmental approval:** March 22, 2017

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF BIOLOGICAL SCIENCES

CURRICULUM CHANGE

Name of Program and Degree Award: Biological Sciences, Bachelor of Arts
Hegis Number: 0401.00
Program Code: 25940
Effective Term: Spring 2018

1. **Type of Change:** *Change in Degree Requirements*

2. **From:**
Biology II, B.A. (53 Credit Major)

This major sequence in Biology is appropriate only for students planning to teach in middle and high school. The required education sequence in middle and high school education must be completed for all students selecting this major in Biology. As part of their overall training students in science, students will be required to take ESC 419.

The required courses and credits are distributed as follows:

8 credits in:

		Credits
BIO 166	Principles of Biology: Cells and Genes	4
BIO 167	Principles of Biology: Organisms	4

BIO 166, BIO 167: One counts as General Education and the other toward the major. Both are prerequisites to all other Biology courses.

~~20 credits in Advanced Biology Courses:~~

~~(12 of which must be at the 300 level or higher)~~

~~Suggested Courses:~~

		~~Credits~~
~~BIO 238~~	~~Genetics~~	~~4~~
~~BIO 241~~	~~Evolution, Species, and Biogeography~~	~~3~~
~~BIO 227~~	~~Mammalian Histology~~	~~4~~
~~BIO 228~~	~~Mammalian Physiology~~	~~4~~
~~BIO 339~~	~~Ecology~~	~~4~~

~~BIO 432 Biological Fine Structure 3~~

~~BIO 433 Techniques in Electron Microscopy 3~~

5 credits in physics:

		Credits
PHY 166	General Physics I	5

15 credits in chemistry:

		Credits
CHE 166	General Chemistry I	4
CHE 167	General Chemistry Laboratory I	1.5
CHE 168	General Chemistry II	4
CHE 169	General Chemistry Laboratory II	1.5
CHE 232	Organic Chemistry Lecture I	3
CHE 233	Organic Chemistry Laboratory I	2

~~5 courses in mathematics:~~

		~~Credits~~
~~MAT 155~~	~~Calculus I Laboratory~~	~~1~~
~~MAT 175~~	~~Calculus I~~	~~4~~

3. **To:**
Biology II, B.A. (53 Credit Major)

This major sequence in Biology is appropriate only for students planning to teach in middle and high school. The required education sequence in middle and high school education must be completed for all students selecting this major in Biology. As part of their overall training students in science, students will be required to take ESC 419.

The required courses and credits are distributed as follows:

8 credits in:

		Credits
BIO 166	Principles of Biology: Cells and Genes	4
BIO 167	Principles of Biology: Organisms	4

BIO 166, BIO 167: One counts as General Education and the other toward the major. Both are prerequisites to all other Biology courses.

5 credits in physics:

		Credits
PHY 166	General Physics I	5

15 credits in chemistry:

		Credits
CHE 166	General Chemistry I	4
CHE 167	General Chemistry Laboratory I	1.5
CHE 168	General Chemistry II	4
CHE 169	General Chemistry Laboratory II	1.5
CHE 232	Organic Chemistry Lecture I	3
CHE 233	Organic Chemistry Laboratory I	2

3 credits in Mathematics

		Credits
MAT 128	Foundations of Data Science	3

At least 22 credits in advanced Biology courses from 3 areas: Credits

At least two courses from Cellular Biology

BIO 238	Genetics	4
BIO 268	Vertebrate Embryology	4
BIO 311	Parasitology	3
BIO 320	Neural Development: From Genes and Cells to Brains	3
BIO 331	Experimental Microbiology	4
BIO 338	Genetics of Man	4
BIO 350	Introduction to Immunology	4
BIO 400	Biological Chemistry	4
BIO 406	Biochemistry of Differentiation	4
BIO 415	Medical Microbiology	4
BIO 420	Molecular Biology	4
BIO 465	Microbial Physiology and Genetics	4

At least one course from Organismic Biology

BIO 228	Mammalian Physiology	4
BIO 267	Comparative Anatomy of Vertebrates	4
BIO 270	Invertebrate Zoology	3
BIO 330	Plant Physiology	4
BIO 333	Endocrine Physiology	4
BIO 340	Human Body and Brain	3
BIO 431	Comparative Animal Physiology	4
BIO 435	Neurophysiology	3

At least one course from Population Biology

BIO 241	Evolution Species and Biogeography	3
BIO 336	Marine Biology	3
BIO 339	Ecology	4
BIO 401	Biological Systematics	4

4. **Rationale (Explain how this change will impact learning outcomes of the department and Major/Program):**
We are changing the requirements for the 53-credit biology major to better guide students in choosing their electives. In the revised curriculum, students must take courses from specific sub-fields of biology so they are exposed to a wider range of topics necessary for teaching biology at the high school level. We are also changing the math requirements to help students achieve the quantitative skills that are needed for teaching experimental biology.

5. **Date of departmental approval:** April 19, 2017

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF BIOLOGICAL SCIENCES

CURRICULUM CHANGE

1. **Type of Change:** Course description and prerequisite

2. **From:**

Department(s)	Biological Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Biology
Course Prefix & Number	BIO 489
Course Title	Introduction to Experimental Biology
Description	Individual laboratory investigation for advanced students, under the guidance of a faculty member.
Pre/ Co Requisites	~~Sponsorship of a faculty member, Departmental permission prior to preliminary registration, and 15 BIO credits.~~
Credits	1 (maximum 3 credits).
Hours	1
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	Biological Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Biology
Course Prefix & Number	BIO 489
Course Title	Introduction to Experimental Biology
Description	Individual laboratory investigation for advanced students, under the guidance of a faculty member. Students are required to submit a written report of their laboratory investigation to the faculty member.
Pre/ Co Requisites	Completion of 15 credits in BIO courses, sponsorship of a faculty member, and department permission.
Credits	1 (may be repeated for a maximum 3 credits).
Hours	1
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale (Explain how this change will impact the learning outcomes of the department and Major/Program):** To encourage students to write research reports that would improve their understanding of the project and their science writing skill.

5. **Date of departmental approval:** April 19, 2017

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF BIOLOGICAL SCIENCES

CURRICULUM CHANGE

1. **Type of Change:** Course description

2. **From:**

Department(s)	Biological Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Biology
Course Prefix & Number	BIO 490
Course Title	Honors in Biological Sciences
Description	Independent laboratory investigation for advanced students, under the guidance of a faculty member (minimum of 90 hours). ~~A GPA of 3.0 or better at the time of registration, satisfactory completion of 18 credits in BIO or related fields, including either PHY 167 or 169, plus CHE 234-235, and endorsement by a faculty member to be submitted to the Chair prior to preliminary registration.~~
Pre/ Co Requisites	~~Department Consent Required~~
Credits	3
Hours	3
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	Biological Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Biology
Course Prefix & Number	BIO 490
Course Title	Honors in Biological Sciences
Description	Independent laboratory investigation for advanced students, under the guidance of a faculty member (minimum of 90 hours). Students are required to create and present a poster of their research at annual meetings that are held either within or outside of Lehman College.
Pre/ Co Requisites	A GPA of 3.0 or better, completion of 18 credits in BIO or related fields, including either PHY 167 or PHY 169, plus CHE 234 and CHE 235, sponsorship of a faculty member and department permission.
Credits	3
Hours	3
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale (Explain how this change will impact the learning outcomes of the department and Major/Program):** To encourage students to write and present their research findings that would improve their written and oral skills.

5. **Date of departmental approval:** April 19, 2017

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF BIOLOGICAL SCIENCES

CURRICULUM CHANGE

1. **Type of change:** New Course

2.

Department(s)	Biological Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[ ] Regular [ ] Compensatory [X] Developmental [ ] Remedial
Subject Area	Biology
Course Prefix & Number	BIO 189
Course Title	Introduction to Experimental Biology
Description	Introduction to experimental methods in biological sciences. This course does not count towards the biology major or minor.
Pre/ Co Requisites	
Credits	1
Hours	2 (lab)
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **Rationale:** To engage entry-level students in research so they are better prepared for advanced biology courses and can gain research experience at an earlier stage in their

academic career.

4. **Learning Outcomes (By the end of the course students will be expected to):**
   - Understand the scientific method.
   - Understand how hypotheses are generated and tested.
   - Become familiar with basic laboratory techniques in biological sciences.
   - Understand how research is conducted to solve real-world problems.
   - Learn how to search for scientific literature and critically read science news.
   - Be able to follow laboratory protocols, keep an accurate record of the data, and analyze data ethically.
   - Be able to foster and maintain a relationship with research mentors.
   - Be able to present results to the scientific community and the general public.

5. **Date of Departmental Approval:** April 19, 2017

Change or Adapt a Registered Program

Use the Request to Change or Adapt a Registered Program form to request program changes that require approval by the State Education Department (see chart).* For **programs that are registered jointly** with another institution, all participating institutions must confirm support for the changes.

Exceptions:

- To change a registered professional licensure program or add a license qualification to an existing program, contact the Office of the Professions for guidance.
- To change a registered teacher certification or educational leadership certification program or add a certificate qualification to an existing program, use the education program change form.

Changes and Adaptations Requiring State Education Department Approval
Changes in Program Content (all programs) 1. *Any* of the following substantive changes: ▪ Cumulative change from the Department's last approval of the registered program of one-third or more of the minimum credits required for the award (e.g., 20 credits in an associate degree program) ▪ Changes in the program's focus or design (e.g., eliminating management courses in a business administration program), including a change in the program's major disciplinary area ▪ Adding or eliminating an option or concentration ▪ Eliminating a requirement for completion, including an internship, clinical, cooperative education, or other work-based experience ▪ Altering the liberal arts and science content in a way that changes the degree classification, as defined in Section 3.47(c)(1-4) of Regents Rules
Other Changes (all programs) 2. Program title 3. Program award (e.g., change in degree) 4. Mode of delivery (**Note**: if the change involves adding a **distance education format** to a registered program, please complete the distance education application.) 5. Discontinuing a program 6. A format change that alters the program's financial aid eligibility (e.g., from full-time to part-time, or to an abbreviated or accelerated semester) 7. A change in the total number of credits of any certificate or advanced certificate program
Establishing New Programs Based on Existing Registered Programs 8. Creating a dual-degree program from existing registered programs 9. Creating a new program from a concentration/track in an existing registered program

PLEASE NOTE:

Establishing an existing program at a new location requires new registration of the program. If the requested action changes the program's major disciplinary area, master plan amendment may be needed if the revised program represents the institution's first program in that major subject area, at that degree level. If a requested **degree title** is not authorized for an institution chartered by the Board of Regents, charter amendment will be needed.

* **CUNY and SUNY** institutions: contact System Administration for guidance.

NEW YORK STATE EDUCATION DEPARTMENT
Office of Higher Education—Office of College and University Evaluation
89 Washington Avenue, Albany, NY 12234
(518) 474-2593 Fax: (518) 486-2779
ocueinfo@mail.nysed.gov
http://www.highered.nysed.gov/ocue/

Request to Change or Adapt a Registered Program

Item	**Response** *(type in the requested information)*
Institution name and address	*Additional information*: ▪ Specify campus where program is offered, if other than the main campus:
Identify the program you wish to change	Program title: Biology I, Award (e.g., B.A., M.S.): B.A. Credits: 69-70 HEGIS code: 0401.00 Program code: 34022
Contact person for this proposal	Name and title: Maryam Bamshad-Alavi Telephone: (718) 960-8646 Fax: (718) 960-8236 E-mail: maryam.bamshad-alavi@lehman.cuny.edu
CEO (or designee) **approval** *Signature affirms the institution's commitment to support the program as revised.*	Name and title: Signature and date: If the program will be registered jointly[1] with another institution, provide the following information: Partner institution's name: Name and title of partner institution's CEO: Signature of partner institution's CEO:

- For **programs that are registered jointly** with another institution, all participating institutions must confirm their support of the changes.
- To change a registered professional licensure program or add a license qualification to an existing program, contact the Office of the Professions for guidance.
- To change a registered teacher certification or educational leadership certification program or add a certificate qualification to an existing program, use the education program change form.
- If the change involves **establishing an existing registered program at a new location**, complete a new registration application for the proposed program.

[1] If the partner institution is non-degree-granting, see CEO Memo 94-04 at www.highered.nysed.gov/ocue/ceo94-04.htm.

Check all changes that apply and provide the requested information.

Changes in Program Content *(Describe and explain all proposed changes; provide a side-by-side comparison of the existing and newly modified programs.)*

[ ] Cumulative change from the Department's last approval of the registered program that impacts one-third or more of the minimum credits required for the award (e.g., 20 credits in an associate degree program)

[X] Changes in a program's focus or design

Previously we required that students take two semesters of general biology as required courses. We are now requiring that in addition to the two general biology courses that students take a semester of genetics and a semester of biostatistics. We think that this new collection of "Foundation Courses" will better prepare students for the advanced level electives and for careers that demand knowledge of genetics and statistics.

[X] Adding or eliminating an option or concentration

We have rearranged the elective courses into five tracks and are giving students the option of taking courses from other departments in addition to courses from the biology department. These changes were introduced to prepare students for more diverse careers and to expose them to interdisciplinary learning that is now required of graduates.

[X] Eliminating a requirement for program completion

We are eliminating the requirement for a second semester of calculus because we are adding biostatistics as a required course. We think that it is more important for biology students that will be engaged in research to have knowledge of statistics and experimental design than knowledge of advanced calculus.

[ ] Altering the liberal arts and science content in a way that changes the degree classification, as defined in Section 3.47(c)(1-4) of Regents Rules

If new courses are being added as part of the noted change(s), provide a syllabus for each new course and list the name, qualifications, and relevant experience of faculty teaching the course(s). Syllabi should include a course description and identify course credit, objectives, topics, student outcomes, texts/resources, and the basis for determining grades.

Other Changes *(describe and explain all proposed changes)*

[ ] **Program title**

[X] **Program award**

We are changing the program award from B.A. to B.S. The greater emphasis of our program on math and sciences with the new addition of genetics and biostatistics to the list of required courses necessitate that we change the program award designation. Our B.S. program would be similar to that offered by other CUNY colleges such as City College and York College.

[ ] **Mode of Delivery** (**Note**: if the change involves adding a **distance education format** to a registered program, please complete the distance education application.)

[ ] **Discontinuing a program**: indicate the date by which the program will be discontinued.[2]

[ ] **Format change** (e.g., from full-time to part-time, or to an abbreviated or accelerated semester)

a) Indicate proposed format:

b) Describe availability of courses and any change in faculty, resources, or support services:

c) Use the Sample Program Schedule to show the sequencing and scheduling of courses in the program.

[2] If any students do not complete the program by the proposed termination date, the institution must request an extension of the registration period for the program or make other arrangements for those students.

Establishing New Programs Based on Existing Registered Programs

[ ] **Creating a dual-degree program** from existing registered programs

a) Complete the following table to identify the existing programs:

	Program Title	**Degree Award**	**Program Code**
Program 1			
Program 2			

b) Proposed dual-degree program (title and award):[3]

c) Courses that will be counted toward both awards:

d) Length of time for candidates to complete the proposed program:

e) Use the Sample Program Schedule to show the sequencing and scheduling of courses in the dual-degree program.

[ ] **Creating a new program from a concentration/track in an existing program**.

If the new program is based ***entirely*** on existing courses in a registered program, provide the current program name, program code, and the following information:

Note: this abbreviated option applies only if a master plan amendment is NOT required ***and*** there are no new courses or changes to program admissions and evaluation elements. If these conditions are not met, submit a new registration application for the proposed program.

a) Information from the Application for Registration of a New Program form: cover page (page 1), Sample Program Schedule form, and faculty information charts (full-time faculty, part-time faculty, and faculty to be hired)

b) Brief description of the proposed program and rationale for converting the existing coursework to a separately registered program:

c) Expected impact on existing program:

d) Adjustments the institution will make to its current resource allocations to support the program:

e) Statement confirming that the admission standards and process and evaluation methods are the same as those in the existing registered program:

Note: if the change involves **establishing an existing registered program at a new location**, complete a new registration application for the proposed program.

September 2009

[3] Only candidates with the capacity to complete the requirements of both degrees shall be admitted to a dual-degree program.

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF BIOLOGICAL SCIENCES

CURRICULUM CHANGE

Name of Program and Degree Award: Biological Sciences, Bachelor of Arts
Hegis Number: 0401.00
Program Code: 34022
Effective Term: Fall 2017

1. **Type of Change:** Change in Degree Requirements, Name of Registered Degree

2. **From:**
Biology I, B.~~A.~~ (~~69-70~~ Credit Major)

The required courses and credits are distributed as follows:
Credits (~~69-70~~)

~~8~~ credits in:		Credits
BIO 166	Principles of Biology: Cells and Genes	4
BIO 167	Principles of Biology: Organisms	4

BIO 166, BIO 167: One counts as General Education and the other toward the major. Both are prerequisites to all other Biology courses.

~~24 credits in advanced Biology courses: Credits~~
~~BIO 200, 300, and 400 levels Biology courses~~

~~200, 300 and 400 levels Biology courses: With at least 12 credits at the 300 level or higher. Course schedules to be approved by the Department's student adviser.~~

~~10~~ credits in general chemistry:		Credits
CHE 166	General Chemistry I	~~3~~
CHE 167	General Chemistry Laboratory I	~~2~~
CHE 168	General Chemistry II	~~3~~
CHE 169	General Chemistry Laboratory II	~~2~~

10 credits in organic chemistry		Credits
CHE 232	Organic Chemistry Lecture I	3
CHE 233	Organic Chemistry Laboratory I	2
CHE 234	Organic Chemistry Lecture II	3
CHE 235	Organic Chemistry Laboratory II	2

10 credits in general physics:		Credits
PHY 166	General Physics I	5

PHY 167	General Physics II	5

~~7-8~~ credits in mathematics:		Credits
MAT 175	Calculus I	4
	~~And~~	
~~MAT 176~~	~~Calculus II~~	~~4~~
	~~Or~~	
~~MAT 175~~	~~Calculus I~~	~~4~~
	~~And~~	
~~MAT 231~~	~~Statistics for Biologists~~	~~4~~
	~~Or~~	
~~BIO 240~~	~~Biostatistics~~	~~3~~
	~~Or~~	
~~PSY 226~~	~~Statistical Methods in Psychology~~	~~4~~

~~Qualified students may also take:~~		~~Credits~~
~~BIO 450~~	~~Biology Seminar~~	~~1~~
~~BIO 489~~	~~Introduction to Experimental Biology~~	~~1~~
~~BIO 490~~	~~Honors in Biological Sciences~~	~~3~~

3. **To:**
Biology I, B.S. (70-74 Credit Major)

The required courses and credits are distributed as follows:
Credits (70-74)

15 credits in Foundation (Required) Courses:		Credits
BIO 166	Principles of Biology: Cells and Genes	4
BIO 167	Principles of Biology: Organisms	4
BIO 238	Genetics	4
BIO 240	Biostatistics	3

BIO 166, BIO 167: One counts as General Education and the other toward the major. Both are prerequisites to all other Biology courses.

11 credits in general chemistry:		Credits
CHE 166	General Chemistry I	4
CHE 167	General Chemistry Laboratory I	1.5
CHE 168	General Chemistry II	4
CHE 169	General Chemistry Laboratory II	1.5

10 credits in organic chemistry		Credits
CHE 232	Organic Chemistry Lecture I	3
CHE 233	Organic Chemistry Laboratory I	2
CHE 234	Organic Chemistry Lecture II	3
CHE 235	Organic Chemistry Laboratory II	2

10 credits in general physics:		Credits
PHY 166	General Physics I	5

PHY 167	General Physics II	5

4 credits in mathematics:		Credits
MAT 175	Calculus I	4

21-24 credits in one of the following tracks: Credits

Biomedical Sciences 21-23
Select courses from Lists: A, B, and C

12 credits from List A

BIO 228	Mammalian Physiology	4
BIO 267	Comparative Anatomy of Vertebrates	4
BIO 331	Experimental Microbiology	4
BIO 333	Endocrine Physiology	4
BIO 350	Introduction to Immunology	4
BIO 400	Biological Chemistry	4
BIO 415	Medical Microbiology	4
BIO 420	Molecular Biology	4

At least 8 credits from List B

BIO 241	Evolution Species and Biogeography	3
BIO 268	Vertebrate Embryology	4
BIO 311	Parasitology	3
BIO 312	Parasitology Laboratory	2
BIO 320	Neural Development: From Genes and Cells to Brains	3
BIO 321	Neural Development Laboratory	2
BIO 330	Plant Physiology	4
BIO 336	Marine Biology	3
BIO 338	Genetics of Man	4
BIO 339	Ecology	4
BIO 340	Human Body and Brain	3
BIO 341	Human Body and Brain Laboratory	2
BIO 401	Biological Systematics	4
BIO 406	Biochemistry of Differentiation	4
BIO 431	Comparative Animal Physiology	4
BIO 435	Neurophysiology	3
BIO 465	Microbial Physiology and Genetics	4

At least 1 credit from List C:

BIO 450	Biology Seminar	1
BIO 489	Introduction to Experimental Biology	1
BIO 490	Honors in Biological Sciences	3

Organismic Sciences 21-23
Select courses from Lists: A, B, and C

At least 12 credits from List A

BIO 241	Evolution Species and Biogeography	3
BIO 268	Vertebrate Embryology	4
BIO 311	Parasitology	3
BIO 312	Parasitology Laboratory	2
BIO 320	Neural Development: From Genes and Cells to Brains	3
BIO 321	Neural Development Laboratory	2
BIO 330	Plant Physiology	4
BIO 336	Marine Biology	3
BIO 338	Genetics of Man	4
BIO 339	Ecology	4
BIO 340	Human Body and Brain	3
BIO 341	Human Body and Brain Laboratory	2
BIO 401	Biological Systematics	4
BIO 406	Biochemistry of Differentiation	4
BIO 431	Comparative Animal Physiology	4
BIO 435	Neurophysiology	3
BIO 465	Microbial Physiology and Genetics	4

8 credits from List B

BIO 228	Mammalian Physiology	4
BIO 267	Comparative Anatomy of Vertebrates	4
BIO 331	Experimental Microbiology	4
BIO 333	Endocrine Physiology	4
BIO 350	Introduction to Immunology	4
BIO 400	Biological Chemistry	4
BIO 415	Medical Microbiology	4
BIO 420	Molecular Biology	4

At least 1 credit from List C

Bio 450	Biology Seminar	1
Bio 489	Introduction to Experimental Biology	1
Bio 490	Honors in Biological Sciences	3

Brain Sciences 20-22
Select courses from Lists: A, B, and C

13 credits from List A

BIO 320	Neural Development: From Genes and Cells to Brains	3
BIO 321	Neural Development Laboratory	2
BIO 340	Human Body and Brain	3
BIO 341	Human Body and Brain Laboratory	2
BIO 435	Neurophysiology	3

At least 1 credit from List B

BIO 450	Biology Seminar	1
BIO 489	Introduction to Experimental Biology	1
BIO 490	Honors in Biological Sciences	3

6 credits from List C

In Psychology: PSY 308 or 310 or 312 or 314 or 317 or 366

Note: PSY 308, 310, 312, 314, 317, and 366 have PSY 166 as a prerequisite.

Bioenvironmental Sciences 21-24
Select courses from Lists: A, B, and C or D

At least 14 credits from List A

BIO 241	Evolution Species and Biogeography	3
BIO 311	Parasitology	3
BIO 312	Parasitology Laboratory	2
BIO 330	Plant Physiology	4
BIO 331	Experimental Microbiology	4
BIO 336	Marine Biology	3
BIO 339	Ecology	4

At least 1 credit from List B

BIO 450	Biology Seminar	1
BIO 489	Introduction to Experimental Biology	1
BIO 490	Honors in Biological Sciences	3

6-7 credits from List C

In Geospatial Sciences: GEP 204 or GEP 205, and, GEP 321 or GEP 3750

Note: GEP 205 has GEO 101 or GEH 101 as a prerequisite, and GEP 3750 has GEP 204 or GEP 205 as a prerequisite.

OR

6 credits from List D

In Political Science: POL 3600 or POL 366 or POL 368 or POL 343

4. **Rationale (Explain how this change will impact learning outcomes of the department and Major/Program):**

We are changing the requirements for the 70-credit biology major to provide students with a more rigorous background in biology that includes knowledge of genetics and statistics. Additionally, we have reorganized the electives so students can combine their knowledge of biology with other disciplines. By organizing the electives to create tracks of study and allowing students to take courses from other departments, we think that we will better prepare students for the job market and give them greater career options in STEM fields. The emphasis of our program on math and science courses and the additional requirements we are introducing necessitate that we change the degree from a B.A. to a B.S. The structure of our program is in line with Biology B.S. degrees offered by other CUNY colleges such as City College, York College, Staten Island.

5. **Date of departmental approval:** March 22, 2017

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF HEALTH SCIENCES

CURRICULUM CHANGE

1. **Type of Change:** Change in Departmental Grading Policy

2. **From: Departmental Grading Policy**
In each of the Department's major programs, the following policies apply:

Dietetics, Foods, and Nutrition: Students must earn a C- or above in all courses required for the DFN Option I major, whether taken at Lehman or another institution. All D or F grades must be repeated within one semester or the student risks being dropped from the accredited DPD program. D grades in Option II or in the minor are acceptable.

Health Education and Promotion: Students must earn a C- or above in all HEA courses required for the major and the minor. If a grade is lower, the student must repeat the course. D grades in HEA courses transferred in from another institution as part of a completed degree program are acceptable.

Exercise Science: Students must earn a C-or above in all courses for the major and the minor. If the grade is lower, the student must repeat the course.

Health Services Administration: Students must earn a C-or above in all courses for the major and the minor. If the grade is lower, the student must repeat the course.

Public Health: Students must earn a C-or above in all courses for the major and the minor. If the grade is lower, the student must repeat the course.

Recreation Education and Therapeutic Recreation: Students must earn a C- or above in all Departmental courses required for the major and the minor. A D grade is acceptable in only one of the following: BIO 181, PSY 166, PSY 234 and HIN 268 for therapeutic recreation majors. If a student earned a D in more than one of those courses, the student may choose which course to repeat. D grades in those courses transferred in from another institution as part of a completed degree program are acceptable.

3. **To: Departmental Grading Policy**
In each of the Department's major programs, the following policies apply:

Dietetics, Foods, and Nutrition: Students must earn a C- or above in all courses required for the DFN Option I major, whether taken at Lehman or another institution. All D or F grades must be repeated within one semester or the student risks being dropped from the accredited DPD program. D grades in Option II or in the minor are acceptable.

Health Education and Promotion: Students must earn a C- or above in all HEA courses required for the major and the minor. If a grade is lower, the student must repeat the course. D grades in HEA courses transferred in from another institution as part of a completed degree program are acceptable.

Exercise Science: Students must earn a C-or above in all courses for the major and the minor. If the grade is lower, the student must repeat the course.

Health Services Administration: Students must earn a C- or above in all courses for the major and the minor. If the grade is lower, the student must repeat the course. The Program will accept a total of one (1) transferred course with a D grade from the following list of Lehman College equivalent courses: PSY 166, EC0 166, ECO 167, ACC 171, or ACC 185.

Public Health: Students must earn a C-or above in all courses for the major and the minor. If the grade is lower, the student must repeat the course.

Recreation Education and Therapeutic Recreation: Students must earn a C- or above in all Departmental courses required for the major and the minor. A D grade is acceptable in only one of the following: BIO 181, PSY 166, PSY 234 and HIN 268 for therapeutic recreation majors. If a student earned a D in more than one of those courses, the student may choose which course to repeat. D grades in those courses transferred in from another institution as part of a completed degree program are acceptable.

4. **Rationale:**
This change clarifies existing practice for the Health Services Administration Program within the Department of Health Sciences and will reduce the number of course substitutions that have been made. It has been determined that earning a D grade in the designated courses where it is acceptable will not prevent students from achieving learning outcomes. No more than one (1) transferred course which has a D grade and is from the list indicated above counts toward the HSA Major Requirements for a student.

5. **Date of departmental approval:** April 5, 2017

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF HEALTH SCIENCES

CURRICULUM CHANGE

1. **Type of change:** New Course

2.

Department(s)	Health Sciences
Career	[X] Undergraduate [] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Dietetics, Foods, and Nutrition
Course Prefix & Number	DFN 347
Course Title	Introduction to Diet Therapy
Description	Application of the principles of nutrition to diet therapy including the selection and recommendation of foods for patients with nutrition-related conditions.
Pre/ Co Requisites	PREREQ: HSD240, DFN120, 220, 341.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	_ X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **Rationale:**
Many students in DFN Option II and HEA Option II could benefit from an introductory

course in Diet Therapy which will enable them to provide entry level nutrition care to clients with common disorders that benefit from appropriate nutrition intervention. This course is required to become a Certified Dietary Manager (CDM) which is a credential available to our DFN Option II students.

4. **Learning Outcomes (By the end of the course students will be expected to):**

- Translate nutrition science into food intake.
- Apply knowledge of food and nutrition science to evaluate dietary plans and to implement dietary change to reduce disease risk and promote health.
- Describe common food allergies and discuss dietary implications.
- Define, identify & evaluate CAM (complementary & alternative medicine).
- Understand the body systems, fundamentals of medical nutrition therapy (MNT) and MNT interventions.
- Obtain routine screening data.
- Interview clients and document nutrition information in the medical record.
- Identify nutrition problems and client's rights.
- Modify and implement diet plans.
- Apply standard nutrition care.
- Manage selective menus, nourishments and supplemental feedings.
- Provide nutrition education.
- Participate in regulatory agency surveys.
- Manage professional communication with all members of the healthcare team.

5. **Date of Departmental Approval:** April 5, 2017

LEHMAN COLLEGE
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DEPARTMENT OF HEALTH SCIENCES

CURRICULUM CHANGE

1. **Type of Change:** Change in course title, description and prerequisites

2. **From:**

Department(s)	Health Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Public Health
Course Prefix & Number	PHE 302
Course Title	Social Determinants of Health
Description	~~Focus in the~~ theory, methods and concepts for social determinants of health.
Pre/ Co Requisites	NA
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	Health Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Public Health
Course Prefix & Number	PHE 302
Course Title	Social & Environmental Determinants of Health
Description	Theory, methods and concepts for social and environmental determinants of health.
Pre/ Co Requisites	PHE 304 or HEA 300
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale (Explain how this change will impact the learning outcomes of the department and Major/Program):**
The title and description change for PHE 302 is designed to support training in public health to emphasize theories, methods and cases that examine both the social and environmental determinants of health.

Fundamentals of Health Global Health, PHE 304, or Introduction to Public Health, HEA 300, will be pre-requisites due to changes in the course content for Social and Environmental Health (PHE 302). Both these courses provide foundational knowledge to prepare students to examine PHE 302 course content effectively.

5. **Date of departmental approval:** April 5, 2017

LEHMAN COLLEGE
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DEPARTMENT OF HEALTH SCIENCES

CURRICULUM CHANGE

1. **Type of Change:** Change in pre-requisite

2. **From:**

Department(s)	Health Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Public Health
Course Prefix & Number	PHE 303
Course Title	Approaches to Public Health Research
Description	Research methods and findings applied to public health problems; quantitative and qualitative approaches; relevant experimental designs and analytical techniques.
Pre/ Co Requisites	HEA 300, HSD 269, HSD 306.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	Health Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Public Health
Course Prefix & Number	PHE 303
Course Title	Approaches to Public Health Research
Description	Research methods and findings applied to public health problems; quantitative and qualitative approaches; relevant experimental designs and analytical techniques.
Pre/ Co Requisites	PHE 304 or HEA 300, and HSD 269, and HSD 306.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	___X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale (Explain how this change will impact the learning outcomes of the department and Major/Program):**
This pre-requisite change prepares students with foundational knowledge in content from either PHE 304 or HEA 300 as well as HSD 269 and HSD 306 in order to take public health research methods.

5. **Date of departmental approval:** April 5, 2017

LEHMAN COLLEGE
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DEPARTMENT OF HEALTH SCIENCES

CURRICULUM CHANGE

1. **Type of Change:** Change in prerequisite.

2. **From:**

Department(s)	Health Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Public Health
Course Prefix & Number	PHE 304
Course Title	Fundamentals of Global Health
Description	Focus in the theories, methods and concepts for global health.
Pre/ Co Requisites	~~PHE 302~~
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	Health Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Public Health
Course Prefix & Number	PHE 304
Course Title	Foundations in Global Health
Description	Focus in the theories, methods and concepts for global health.
Pre/ Co Requisites	NA
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale (Explain how this change will impact the learning outcomes of the department and Major/Program):**
This change is designed to change PHE 304 into the foundations course for the Global Health track only. The content does not require any pre-requisite coursework in global health. Students may choose to take this course or HEA 300, but PHE 304 is required for the Global Health Track.

5. **Date of departmental approval:** April 5, 2017

LEHMAN COLLEGE
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DEPARTMENT OF HEALTH SCIENCES

CURRICULUM CHANGE

1. **Type of change:** New Course

2.

Department(s)	Health Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Special Topics in Public Health
Course Prefix & Number	PHE 360
Course Title	Special Topics in Public Health
Description	Covers topics related to public health in depth and has sections for multiple courses offered including cross cultural perspectives.
Pre/ Co Requisites	Pre-requisite: PHE 304.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	_X__ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **Rationale:**
The proposed course will expand understanding of public health and offer topics based on student interest and developments in the field. The prerequisite will ensure that students have a background in public health literature, concepts and methods to participate in course discussions and complete assignments.

4. **Learning Outcomes (By the end of the course students will be expected to):**
- Demonstrate knowledge of public health issues.
- Apply methods to address health disparities.
- Analyze cross-cultural dynamics for impacts on public health.

5. **Date of Departmental Approval:** April 5, 2017

LEHMAN COLLEGE
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DEPARTMENT OF HEALTH SCIENCES

CURRICULUM CHANGE

1. **Type of Change:** Change in prerequisite

2. **From:**

Department(s)	Health Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Therapeutic Recreation
Course Prefix & Number	REC 425
Course Title	Processes and Techniques of Therapeutic Recreation
Description	The application of therapeutic recreation principles to the clinical situation, including helping skills, therapeutic group process, intervention techniques and methods, and theoretical foundations of therapeutic recreation.
Pre/ Co Requisites	REC 421
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	__x__ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	Health Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Therapeutic Recreation
Course Prefix & Number	REC 425
Course Title	Processes and Techniques of Therapeutic Recreation
Description	The application of therapeutic recreation principles to the clinical situation, including helping skills, therapeutic group process, intervention techniques and methods, and theoretical foundations of therapeutic recreation.
Pre/ Co Requisites	REC 421, and either REC 324 or REC 325.
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	_X__ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale (Explain how this change will impact the learning outcomes of the department and Major/Program):**
The additional course prerequisite will ensure that students have sufficient background to succeed in this course, in accordance with the changes in the national certification standards.

5. **Date of departmental approval:** April 5, 2017

LEHMAN COLLEGE
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DEPARTMENT OF HEALTH SCIENCES

CURRICULUM CHANGE

1. **Type of Change:** Change in prerequisite and hours

2. **From:**

Department(s)	Health Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 370
Course Title	Recreation Internship
Description	Supervised placement in a recreation or leisure service agency in order to develop knowledge of professional practice through on-site experience, with emphasis on leadership and programming.
Pre/ Co Requisites	PREREQ: REC 300, 320, and 321 ~~and either REC 324 or 325 and 421,~~ or 6 cr. from REC 360, 361, 422, 401.
Credits	4
Hours	12 field
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	Health Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 370
Course Title	Recreation Internship
Description	Supervised placement in a recreation or leisure service agency in order to develop knowledge of professional practice through on-site experience, with emphasis on leadership and programming.
Pre/ Co Requisites	PREREQ: REC 300, 320, and 321; and either 9 credits from REC 324, 325, 421, 425; or 6 credits from REC 360, 361, 422, 401.
Credits	4
Hours	13 1/3 field
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	_X__ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale (Explain how this change will impact the learning outcomes of the department and Major/Program):**
Additional coursework will ensure that students have adequate preparation for increasingly demanding internship sites, and the additional hours bring the course requirement into alignment with national accreditation standards for recreation curricula.

5. **Date of departmental approval:** April 5, 2017

LEHMAN COLLEGE
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DEPARTMENT OF HEALTH SCIENCES

CURRICULUM CHANGE

1. **Type of Change:** Change in prerequisite, corequisite and hours

2. **From:**

Department(s)	Health Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 470
Course Title	Senior Internship in Recreation
Description	Supervised placement in a recreation setting in which the student will receive advanced training in therapeutic recreation or in administration of recreation programs.
Pre/ Co Requisites	PREREQ: 18 credits in recreation~~, including REC 370~~.
Credits	4
Hours	~~12~~ field
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	Health Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 470
Course Title	Senior Internship in Recreation
Description	Supervised placement in a recreation setting in which the student will receive advanced training in therapeutic recreation or in administration of recreation programs.
Pre/ Co Requisites	PREREQ: REC 370 as a pre-requisite or co-requisite and 18 additional credits in recreation.
Credits	4
Hours	13 1/3 field
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	Internship
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale (Explain how this change will impact the learning outcomes of the department and Major/Program):**
Additional hours bring the course requirement in alignment with national accreditation standards in recreation. Changing REC 370 to either a prerequisite or corequisite, with an additional 3 credits in content courses, assures student has sufficient background for the internship and enables a student to complete all internship hours in one semester. This may best meet the student's learning objectives and can be successfully completed in one semester.

5. **Date of departmental approval:** April 5, 2017

LEHMAN COLLEGE
OF THE
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DEPARTMENT OF HEALTH SCIENCES

CURRICULUM CHANGE

1. **Type of Change:** Change in prerequisite, hours and description

2. **From:**

Department(s)	Health Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Therapeutic Recreation
Course Prefix & Number	REC 471
Course Title	Therapeutic Recreation Internship
Description	Supervised placement in a recreation setting in which the student will receive advanced training in therapeutic recreation ~~or in administration of recreation programs.~~
Pre/ Co Requisites	PREREQ: ~~18 credits in recreation, including~~ REC 370.
Credits	5
Hours	~~25 field~~
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **To:**

Department(s)	Health Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Therapeutic Recreation
Course Prefix & Number	REC 471
Course Title	Therapeutic Recreation Internship
Description	Supervised placement in a therapeutic recreation setting under the supervision of a Certified Therapeutic Recreation Specialist in which the student will receive advanced training in therapeutic recreation.
Pre/ Co Requisites	PREREQ OR COREQ: REC 370
Credits	5
Hours	24 field
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale (Explain how this change will impact the learning outcomes of the department and Major/Program):**
The change in description better describes the required supervision for the internship, in accordance with national certification standards in therapeutic recreation. The change in prerequisite reflects the change in prerequisite for REC 370, which can be taken as a pre- or co-requisite to this course. The reduction in hours reflects the increase in hours in REC 370.

5. **Date of departmental approval:** April 5, 2017

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF HEALTH SCIENCES

CURRICULUM CHANGE

Name of Program and Award: Recreation, Minor
Effective Term: Spring 2018

1. **Type of Change:** Change in requirements for the minor

2. **From:**
Recreation Minor

Students may complete a minor field with one of the following options:

REC 300 History and Philosophy of Recreation
REC 320 Recreation Leadership

Two of the following:
REC 360 Selected Topics in Recreation
REC 401 Administration of Recreation Services
REC 422 Program Planning in Recreation

b. Therapeutic Recreation:
~~REC 300 History and Philosophy of Recreation~~
REC 321 Introduction to Therapeutic Recreation

Two of the following:
~~REC 320 Recreation Leadership~~
REC 421 Programs in Therapeutic Recreation Service
REC 425 Processes and Techniques of Therapeutic Recreation

c. Special Topics:
This option is available to students who have an interest in a particular area not covered by the above options. Option C must be approved by the Recreation Major Adviser or the coordinator of the Recreation Program.

3. **To:**
Recreation Minor

Students may complete a minor field with one of the following options:

a. Recreation
REC 300 History and Philosophy of Recreation
REC 320 Recreation Leadership

AND
Two of the following:
REC 321 Introduction to Therapeutic Recreation
REC 360 Special Topics in Recreation
REC 361 Camp Leadership and Outdoor Recreation
REC 401 Administration of Recreation Services
REC 422 Program Planning in Recreation

b. Therapeutic Recreation
REC 320 Recreation Leadership
REC 321 Introduction to Therapeutic Recreation

AND
Two of the following:
REC 324 Therapeutic Recreation for Children and Youth
REC 325 Therapeutic Recreation in Long-term Care
REC 421 Programs in Therapeutic Recreation Service
REC 425 Processes and Techniques of Therapeutic Recreation

4. **Rationale (Explain how this change will impact the learning outcomes of the department and Major/Program):**
This change will increase the options for students with additional appropriate courses.

5. **Date of departmental approval:** April 5, 2017

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF HEALTH SCIENCES

CURRICULUM CHANGE

1. **Type of Change:** Change in course description

2. **From:**

Department(s)	Health Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 493
Course Title	Special Project
Description	~~Special problems, research, and production and/or performance~~, under faculty guidance
Pre/ Co Requisites	Departmental Permission.
Credits	2 (maximum 4 ~~cr.~~)
Hours	~~3~~
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	__X_ Not Applicable _____ Required _____ English Composition _____ Mathematics _____ Science _____ Flexible _____ World Cultures _____ US Experience in its Diversity _____ Creative Expression _____ Individual and Society _____ Scientific World

3. **To:**

Department(s)	Health Sciences
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Recreation Education
Course Prefix & Number	REC 493
Course Title	Special Project
Description	Sixty hours of field experience in a recreation setting to gain practical experience or preparation of recreation program materials or manual, or assist with research project, under faculty guidance.
Pre/ Co Requisites	Departmental Permission.
Credits	2 (may be repeated for a maximum of 4 credits)
Hours	2
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale (Explain how this change will impact the learning outcomes of the department and Major/Program):**
This curriculum change will bring the course's credits and hours into alignment. And, course description has been made more specific to more accurately reflect course content.

5. **Date of departmental approval:** April 5, 2017

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF JOURNALISM, COMMUNICATION AND THEATRE

CURRICULUM CHANGE

1. **Type of Change:** Withdrawal of courses

2. **Description:**

Multimedia Journalism (MMJ)
MMJ 214 Foundations of Media, 3 hours, 3 credits
MMJ 217 Journalism in the Movies, 3 hours, 3 credits
MMJ 316 Field Video Production, 4 hours, 3 credits
MMJ 344 On-Camera Technique, 4 hours, 3 credits

Multimedia Studies (MMS)
MMS 211 Introduction to Multilingual Media, 3 hours, 3 credits
MMS 215 Audiovisual Production, 3 hours, 3 credits
MMS 216 Latin-American Cinema, 3 hours, 3 credits
MMS 217 Journalism in the Movies, 3 hours, 3 credits
MMS 222 New Media, 3 hours, 3 credits
MMS 315 TV Studio Production, 4 hours, 3 credits
MMS 322 Ethnic TV, 3 hours, 3 credits
MMS 326 Africa in Cinema, 3 hours, 3 credits
MMS 334 The Documentary, 3 hours, 3 credits
MMS 357 Digital Editing, 4 hours, 3 credits
MMS 370 Internship I, 9 hours, 3 credits
MMS 409 Advanced Screenwriting, 3 hours, 3 credits
MMS 470 Internship II, 9 hours, 3 credits

Multilingual Journalism (MLJ)
MLJ 200 Print Journalism Workshop, 3 hours, 1 credit
MLJ 211 Introduction to Multilingual Media, 3 hours, 3 credits
MLJ 214 News Media, 3 hours, 3 credits
MLJ 221 Reporting I, 3 hours, 3 credits
MLJ 300 Advanced Print Journalism Workshop, 3 hours, 3 credits
MLJ 302 The U.S. Multilingual Market, 3 hours, 3 credits
MLJ 321 Reporting II, 3 hours, 3 credits
MLJ 332 The African American Media, 3 hours, 3 credits
MLJ 347 Advertising, 3 hours, 3 credits
MLJ 350 Topics in Multilingual Journalism, 3 hours, 3 credits
MLJ 370 Internship I, 9 hours, 3 credits
MLJ 422 Corporate Media and Communications, 3 hours, 3 credits

MLJ 424 The Opinion Makers, 3 hours, 3 credits
MLJ 470 Advanced Internship for Seniors, 9 hours, 3 credits

3. **Rationale (Explain why this course/program is no longer needed in the Department):**
The MMJ, MMS and MLJ majors have been changed and are no longer offered by the department.

4. **Date of departmental approval:** 3/22/17

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF LANGUAGES AND LITERATURES

CURRICULUM CHANGE

1. Type of Change: Course Description, Pre-requisite

2. From:

Department(s)	Languages and Literatures
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	FRENCH
Course Prefix & Number	FRE 111
Course Title	Elementary French I
Description	(For students with limited or no prior knowledge of French, as determined by Department placement procedures.) Elements of communication, grammar and culture. Reading of simple texts, and practice in speaking. Oral practice in the Language Laboratory. Course taught in French. ~~Note: FRE 111 is not credited without 112 if used to fulfill general education requirements.~~
Pre/ Co Requisites	NA
Credits	3
Hours	4
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	_X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society

	____ Scientific World

3. To:

Department(s)	Languages and Literatures
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	FRENCH
Course Prefix & Number	FRE 111
Course Title	Elementary French I
Description	(For students with limited or no prior knowledge of French, as determined by Department placement procedures.) Elements of communication, grammar and culture. Reading of simple texts, and practice in speaking. Oral practice in the Language Laboratory. Course taught in French.
Pre/ Co Requisites	Department permission required.
Credits	3
Hours	4
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	_X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. Rationale: We removed the note at the end of the course description, as Academic Advising has advised that this rule is no longer true as such since Pathways. Prerequisite statement of "Department permission required" is added for transparency.

5. Date of Departmental Approval: 3/29/2017

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF LANGUAGES AND LITERATURES

CURRICULUM CHANGE

1. Type of Change: Course Description, Pre-requisite

2. From:

Department(s)	Languages and Literatures
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	ITALIAN
Course Prefix & Number	ITA 111
Course Title	Elementary Italian I
Description	(For students with limited or no prior knowledge of Italian, as determined by Department placement procedures.) Elements of communication, grammar and culture. Reading of simple texts, and practice in speaking. Oral practice in the Language Laboratory. Course taught in Italian. ~~Note: ITA 111 is not credited without 112 if used to fulfill general education requirements.~~
Pre/ Co Requisites	NA
Credits	3
Hours	4
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	_X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society

	____ Scientific World

3. To:

Department(s)	Languages and Literatures
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	ITALIAN
Course Prefix & Number	ITA 111
Course Title	Elementary Italian I
Description	(For students with limited or no prior knowledge of Italian, as determined by Department placement procedures.) Elements of communication, grammar and culture. Reading of simple texts, and practice in speaking. Oral practice in the Language Laboratory. Course taught in Italian.
Pre/ Co Requisites	Department permission required.
Credits	3
Hours	4
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	_X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. Rationale: We removed the note at the end of the course description, as Academic Advising has advised that this rule is no longer true as such since Pathways. Prerequisite statement of "Department permission required" is added for transparency.

5. Date of Departmental Approval: 3-29-2017

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF LANGUAGES AND LITERATURES

CURRICULUM CHANGE

1. Type of Change: Course Description

2. From:

Department(s)	Languages and Literatures
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	JAPANESE
Course Prefix & Number	JAL 111
Course Title	Elementary Japanese I
Description	Elements of grammar, reading simple texts, practice in speaking, and audiolingual work in the Language Laboratory. ~~Nore: JAL 111 is not credited without 112.~~
Pre/ Co Requisites	Department ~~Consent~~ Required
Credits	3
Hours	4
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	_X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. To:

Department(s)	Languages and Literatures
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	JAPANESE
Course Prefix & Number	JAL 111
Course Title	Elementary Japanese I
Description	Elements of grammar, reading simple texts, practice in speaking, and audiolingual work in the Language Laboratory.
Pre/ Co Requisites	Department permission required.
Credits	3
Hours	4
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	_X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. Rationale: We removed the note at the end of the course description, as Academic Advising has advised that this rule is no longer true as such since Pathways.

5. Date of Departmental Approval: 3-29-2017

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF LANGUAGES AND LITERATURES

CURRICULUM CHANGE

1. Type of Change: Course Description, Pre-requisite

2. From:

Department(s)	Languages and Literatures
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	SPANISH
Course Prefix & Number	SPA 111
Course Title	Elementary Spanish I
Description	(For students with limited or no prior knowledge of Spanish, as determined by Department placement procedures.) Elements of communication, grammar and culture. Reading of simple texts, and practice in speaking. Oral practice in the Language Laboratory. Course taught in Spanish. ~~Note: SPA 111 is not credited without 112 if used to fulfill general education requirements.~~
Pre/ Co Requisites	NA
Credits	3
Hours	4
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	_X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society

	____ Scientific World

3. To:

Department(s)	Languages and Literatures
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	SPANISH
Course Prefix & Number	SPA 111
Course Title	Elementary Spanish I
Description	(For students with limited or no prior knowledge of Spanish, as determined by Department placement procedures.) Elements of communication, grammar and culture. Reading of simple texts, and practice in speaking. Oral practice in the Language Laboratory. Course taught in Spanish.
Pre/ Co Requisites	Department permission required.
Credits	3
Hours	4
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	_X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. Rationale: We removed the note at the end of the course description, as Academic Advising has advised that this rule is no longer true as such since Pathways. Prerequisite statement of "Department permission required" is added for transparency.

5. Date of Departmental Approval: 3-29-2017

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF PHYSICS AND ASTRONOMY

CURRICULUM CHANGE

1. **Type of Change:** change in course description

2. **From:**

Department(s)	Physics and Astronomy
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Astronomy
Course Prefix & Number	AST 101
Course Title	Introduction to Astronomy
Description	Basic exploration of ~~our universe and the laws that govern it. History and origins of the universe, life-cycles of stars and galaxies, properties of the sun and planets, the motion of the earth and its effect on seasons and astronomical observation~~. Note: Only one of the following courses may be taken for credit: AST 101 or AST 117.
Pre/ Co Requisites	NA
Credits	3
Hours	3
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	____ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science __X_ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society __X_ Scientific World

3. **To:**

Department(s)	Physics and Astronomy
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Astronomy
Course Prefix & Number	AST 101
Course Title	Introduction to Astronomy
Description	Basic exploration of the science of astronomy and what it has taught us about our place in the universe. Topics include the history of astronomy, scales of the universe, the night sky, the moon, planets of the solar system, the Sun, Earth as an astronomical body, and life in the universe. Note: Only one of the following courses may be taken for credit: AST 101 or AST 117.
Pre/ Co Requisites	NA
Credits	3
Hours	3
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	____ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science __X__ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society __X_ Scientific World

4. **Rationale:**

Previously AST 101 had a very broad reach, covering aspects of most areas of astronomy at an introductory level. While this served to give students a broad grasp of our modern understanding of the universe, its breadth inhibited a more careful

exploration of individual topics. By introducing a second course, AST 102, we have the opportunity improve the focus of AST 101. This course will now cover the historical development of astronomy, scales of the universe, the night sky, the seasons, the moon and the planets of the solar system, earth as an astronomical body, our sun, and life in the universe. Previous topics to be moved from AST 101 to AST 102 include: the physics of light, mechanics and gravity, stellar physics, dark matter, galaxies and their evolution, and cosmology.

This shift in topics will make AST 101 a more focused course and will allow the material to be covered in greater depth. Care has been taken to ensure that the Pathways Scientific World learning outcomes associated with the original course proposal will still be met in this more focused setting.

5. **Date of departmental approval:** March 29, 2017

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF PHYSICS AND ASTRONOMY

CURRICULUM CHANGE

1. **Type of change:** New course

2.

Department(s)	Physics and Astronomy
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Astronomy
Course Prefix & Number	AST 102
Course Title	Introduction to the Universe
Description	An exploration of the important phenomena that influence our universe on the largest scales. Includes the lifecycles of stars, galaxy formation and dynamics, the Big Bang, and cosmology.
Pre/ Co Requisites	NA
Credits	3
Hours	4 (2 lecture, 2 lab)
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	__X_ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

3. **Rationale:**
Astronomy has given us a powerful perspective on the place of humanity in the Universe. AST 102 *Introduction to the Universe* is designed to grant students this perspective by guiding them through our modern understanding of the processes and phenomena that govern our Universe on its largest scales. An additional aim is to grant students a solid understanding of the modern process of science in the context of astronomy, astrophysics, and cosmology. To achieve this, lectures and labs will focus on up-to-date methods and recent discoveries in these fields.

4. **Learning Outcomes:**
Students will understand the key stages in the evolution of the Universe from the Big Bang to the present, including the important events in the very early universe and the subsequent formation of galaxies and large-scale structure. They will understand our best models for the future evolution of the Universe. Students will have a detailed qualitative appreciation of the working and lifecycles of stars. Students will be able to explain the evidence and methods behind this scientific knowledge.

In the laboratory component students will perform experiments analogous to those used in the actual scientific discoveries that we investigate. Students will understand the role of the scientific method in developing our understanding of the Universe and will develop basic skills important for scientific investigation.

5. **Date of Departmental Approval:** March 29, 2017

LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF SOCIOLOGY

CURRICULUM CHANGE

1. **Type of Change:** Course Description and Note

2. **From:**

Department(s)	Sociology
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Sociology
Course Prefix & Number	SOC 481
Course Title	Advanced Tutorial in Sociology
Description	Subject to be agreed upon between student and instructor. ~~Offered Fall-Spring~~
Pre/ Co Requisites	SOC 300 and 301 and Departmental Permission
Credits	3 (maximum 6 credits).
Hours	3
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	__X_ Not Applicable _____ Required _____ English Composition _____ Mathematics _____ Science _____ Flexible _____ World Cultures _____ US Experience in its Diversity _____ Creative Expression _____ Individual and Society _____ Scientific World

3. **To:**

Department(s)	Sociology
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Sociology
Course Prefix & Number	SOC481
Course Title	Advanced Tutorial in Sociology
Description	Subject to be agreed upon between student and instructor.
Pre/ Co Requisites	SOC 300 and SOC 301 and Departmental Permission
Credits	3 (may be repeated for a maximum 6 credits)
Hours	3
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	_x__ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression ____ Individual and Society ____ Scientific World

4. **Rationale:** This change clarifies that a student may register for SOC 481 in more than one semester. The course has been listed as maximum 6 hours, but students have not been permitted to register for the course twice.

5. **Date of departmental approval:** March 29, 2017

Sept 13, 2017

Lehman Budget Committee Report

For 9/6/2017 meeting

Membership and attendance of Joint committee of Senate and FP&B Budget and Long-Range Planning

Senators	*FP&B members*	*Administration*	*Students*
Haiping Cheng	James Mahon	**Vincent Clark**	Kevin Ortiz Pena
Amod Choudharv	Abigail McNamee	**Harriet Fayne**	Hywonin Kanzie
Thomas Conroy	Carl Mazza	**Bethania** Ortega	Ayanna Paddyfoote
Gul Sonmez	**Hari Pan**		
Joseph Fera	Victoria Sanford		
Daniel Kabat	Serigne Gningue		

The Budget committee meeting was called to order at 3:40 pm by Haiping Cheng on Sept 6, 2017, in Library room 317 (the Tree house).

The election of the committee chair was postponed to second meeting of the committee due to the lack of quorum. Haiping Cheng continue to organize the 2nd meeting of the committee.

Lehman College budget update, VP Clark
>>Lehman College has just received FY2018 financial plan from CUNY Central.

>>FY2017 year end financial report was presented and discussed in detail.

Provost report:
>>A detailed budget plan for FY2018 with actual dollar amounts for operations directed by Provost's office was presented and discussed in details. The categories of spending includes campus ceremonies, startup funds, faculty travel, incentive funding for FY18, and Provost Office's operating budget for FY 18.

The committee adjourned at 5:00 PM

Sept 13, 2017

Spending by actual amount

Lehman Budget Committee Report

Based on VP Clark's budget report on Sept 6, 2017

FY2017 Year-End Report

NY State Funding to Lehman $ 111.2M*

- NY reduction 2% ($1.7M)
- $2.98M increase due to exceeding enrollment target

Saving/Year 2016 $6.9 M

2016 CUNY Compact (NY State investment)
$ 2.76 M for salary increases for PS regular.

Lehman Foundation Philanthropy

Spending

	2017	2016**	(%total)
PS regular	90.4M	69.8M	(71.7)
OTPS	6.1M	6.5M	(6.8)
PS Adjunct	14.2M	9.9M	(10.2)
PS Temp service	4.5M	3.2M	(3.3)

Investments 2017 2016 2015

New Faculty	2	0	11

	2017	2016	2015
Actual saving	$6.0M	$6.9M	$5.1M

*:"projected resources" minus "other funds"
**Green: increase from previous year,
Red: reduction from previous year.

Next Budget meeting: Nov. 8, 2017