Central Connecticut State University
UNIVERSITY SENATE ACTION

Senate Motion Number FS 20.21.010B

TO: President Zulma Toro

FROM: President of the University Senate

1. The attached motion of the University Senate, dealing with: **Curriculum Committee Report, December 2020**, is presented to you for your consideration.

2. This motion was adopted by the University Senate on **12/07/2020**.

3. After considering this motion, please indicate your action on this form, and return it together with the original copy to the President of the University Senate.

4. Under the By-Laws of the University Senate, Section 3.7, the following schedule of action is to be observed.

a) By **02/22/2021**, Senate action reported to the President of the University. (Within five school days of the session in which they are adopted).

b) By **03/08/2021**, the President of the University to return the motion to the President of the Senate. (Within ten school days of its receipt).

02/22/2021
Date

_____
Frederic Latour, President, University Senate

ENDORSEMENT:

TO: President of the University Senate

FROM: President Zulma Toro

1. Motion Approved :_____

2. Motion Disapproved:_____(Explanatory statement must be appended).

3. Action "is deferred":_____

4. Resolution Noted:_____

5. Other:____✓ * see attached____

_____5/3/21_____
Date

_____
President Zulma Toro

FS 20.21.010B

All items are approved with the exception of B.S. Data Science. This program must be reviewed by the UPBC and approved by the IPC.

Issues are the following:

New Courses--This proposal requires a 30-credit core consisting of the following new courses:
- DATA 101—Fundamentals of Data Science (4)
- DATA 201—Classification Analytics (4)
- DATA 202—Estimation and Clustering Analytics (4)
- DATA 301—Data Science Using Python (4)
- DATA 311—Information Visualization (4)
- DATA 331—Introduction to Multivariate Analytics (4)
- DATA 471—Big Data and Cloud Computing (3)
- DATA 499—Data Science Senior Project (3)

The 6-credit statistics core requires two existing business statistics courses which could serve a new major early on without much impact but would require additional sections if successful.

Seven Concentrations—The proposal lists seven different concentrations with varying numbers of existing courses, courses seldom offered, and new courses.
- *Applied Mathematics*—1 existing course with good enrollments, 1 existing seldom offered, and 2 new courses.
- *Applied Statistics*—2 existing courses with room for more students, 3 seldom-offered courses, and 1 new course.
- *Biostatistics & Bioinformatics*—4 new courses.
- *Computation*—3 CS courses with strong enrollments each semester and 2 existing course with moderate enrollment once per year.
- *Computational Threat Intelligence*—The same 3 CS courses with strong enrollments, 2 new Cybersecurity courses.
- *Network Threat Intelligence*—3 healthy, growing existing courses in CEGT, 2 existing courses with moderate enrollments.
- *General Data Science*—A mix of courses selected with advisor from the other six concentrations.

Therefore, the proposal both shows promise but also will require investment in the cost of offering new courses and dividing a new set of students among six different sets of concentrations, noting that the seventh concentration consists of courses selected from the other six.

1. Minor Changes

IS 240:

1) Edit the name: from IS 240 Caribbean Cultural Patterns to IS 240 Caribbean Cultures

2) Edit the catalog description to this:

Multi-disciplinary study of the people who inhabit the islands and margins of the Caribbean Sea, with focus on aspects such as history, identity, culture, and artistic and literary productions.

3) Remove the course prerequisite, "Permission of instructor or program coordinator when course is offered in Spanish."

Rationale: The course will not be offered in Spanish. Indication that it could be has been removed in the edit to the catalog description.

2. Announcement: Diversity Committee of the Faculty Senate and the President's Commission on Diversity, Equity and Inclusion

Explanation:

The push for increasing diversity in our curriculum has been a process spanning more than a decade. In 2020, it is time to make it a reality where we at CCSU provide an education that is reflective of the student body and community. Students, faculty, and administrators believe we must invest in diversifying our curriculum. While there are many ways to accomplish this, we believe that instituting an EJI-designation (equity, justice, and inclusion-designation) as a graduation requirement is the best way to reach the most students. This course can either be a standalone (new or existing) course, or the focus on EJI can be integrated into an existing course already listed as either a general education course, a course in a major or minor, or an elective. However, the EJI-designation is attached to a specific course, not a section. Therefore, all faculty teaching such a course must commit to the EJI focus.

•   Students will not be required to add 3 credits to their program of study if they enroll in an EJI-designated course within general education or their major or minor. In other words, "double dipping" is encouraged.

Description

•   An EJI-designated course will use course content, course design (such as variety of methods of instruction, assessment, and assignment type), and classroom interactions to highlight

obstacles to and strategies required to promote equity and social justice and inclusion in the United States.

- An EJI-designated course will integrate equity, social justice, and inclusion into the established course content through course design and heightened attention to classroom interactions and culture.

- An EJI-designated course will explore bias and discrimination in the United States. This can be done through a variety of disciplines in a multitude of ways.

Process

- We have reached out to chairs of all departments on campus requesting courses the department believes meet the EJI description. We have accumulated approximately 55 classes at this point (October 2020) to be reviewed by the Senate Diversity Committee and have attached that list below. Once this proposal is approved, we will collect all syllabi and course descriptions for the final list of EJI-designated courses. These will be listed on the Diversity Committee's website as well as in the SmartCatalog, and Degree Works.

- Moving forward, the Curriculum forms for new course and change course proposals will have an added box to check off for EJI designation. Once checked, the proposal will first get routed to the Diversity Committee of the Faculty Senate. After reviewing the course and syllabus, the proposal will then get sent back to Curriculum to go through the regular Curriculum channels (appropriate subcommittees, main committee, Senate, President).

- Some courses that were initially submitted by faculty as possible candidates for the EJI designation, however, were individual topics courses. Because the EJI designation must be attached to a course and not a section, we cannot request EJI designation for an existing special topics course.

o However, we strongly encourage departments to submit a new Special Topics course that would have EJI designation attached to it. Then, any faculty member who wanted to try a new course with EJI, could offer that course as a special topics.

Current Suggested Courses For EJI designation: Submitted by Faculty

We ask all faculty to confirm the courses below from their departments would meet the EJI-description for all those who teach the course. A final list will be submitted to Curriculum for the third round of curriculum submissions.

- AFAM 110 Introduction to African-American Studies

- AFAM 111 Race and Ethnicity in US and Global Politics

- AFAM 250 Topics in African-American Studies

- ANTH 200/AFAM 200: Dimensions of Diversity and Inequality
- ANTH 350/WGSS 350: Men and Women in Different Culture

- COMM 380/WGSS 380: Women and film

- CRM 240 Gender, Crime and Criminal Justice
- CRM 245 Diversity and Criminal Justice
- CRM 302 Hate Crimes
- CRM 378 Special Topic: Racism and Bias in Criminal Justice Settings

- ECON 380: Food Economics
- ECON 446: Gender and the Economy

- EDF 215: Education in a Multicultural Society
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- EDSC 425: Multicultural, Interdisciplinary Teaching at the Secondary Level
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- EDTE 314: Applying Learning Theories in Diverse Settings (K-12 Programs)
- EDTE 316: Principles of Learning in Diverse Settings (Secondary)
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- ENG 212/AFAM 212 African-American Literature
- ENG 345/AFAM 345: Modern African-American Literature

- HIST 301/AFAM 469: African Americans in the 20th Century
- **HIST 319/LTN 319: Race, Ethnicity and Migration in the US**
- HIST 323: Native Americans of the Eastern Woodlands, 1520-Present
- HIST 330/WGSS 330: History of Women in the US, 1607-1865
- HIST 331/WGSS 331: History of Women in the US, 1865-Present

- HIST 405: Local History and Community Development
- HIST 411: Atlantic World, 1500-1880
- HIST 480/LTN 480: Latinos in North America

- JOUR 371: Reporting Cultural Diversity

- LAW 250: Business Law and Ethics

- LTN 110: Intro to Latino Studies

- MATH 344: Math and Diverse Cultures

- MGT 403: Ethical and Social Issues for Management

- PHIL 211/PES 211 Philosophy and Global Justice
- PHIL 222: Philosophy of Gender
- PHIL 244: Introduction to Philosophy of Social Justice
- PHIL 344: Topics in Philosophical and Global Justice
- PHIL 345: Philosophy of War and Peace
- PHIL 360: African-American Philosophy

- PS 111/AFAM 111: Race and Ethnicity in US and Global Politics

- PSY 364 Adult Development and Aging
- PSY 390/WGSS 390: Human Sexuality
- PSY 420: Cross-Cultural Psychology
- PSY 448/WGSS 448: Psych of Women
- PSY 498: Diversity of Latina/o Psychology

- REL 361: African-American Religion

- SOC 111: Social Problems
- SOC 208/WGSS 208: Gay and Lesbian Communities
- SOC 212: Race, Class, and Gender
- SOC 240/WGSS 240: Sociology of Gender
- SOC 307: Schools, Education, and Society
- SOC 309/LTN 309: US Immigration
- SOC 312: Class, Power, and Status
- SOC 322: Race and Racism
- SOC 323: Why Unions Matter
- SOC 420/WGSS 420: Gender and Education

- SUST 140: Introduction to Sustainability
- WGSS 200: Intro to Women, Gender, Sexuality Studies

III. Consent Agenda

Change Course	ANES 500 Principles of Nurse Anesthesia Practice I - credits
Change Course	ANES 515 Professional Aspects of Nurse Anesthesia Practice - credits
New Program	Bachelor of General Studies
New Program	Building Construction Management, Minor
New Course	CM 410 Practicum in Construction Management - 3 credits
Change Program	Construction Management, B.S.
New Course	CS 430 Big Data Programming - credits
Change Program	Dance Education with Specialization in Teacher Certification (Certifiable for PK-12 T

New Course	DATA 101 Fundamentals of Data Science - credits
New Course	DATA 201 Classification Analytics - credits
New Course	DATA 202 Estimation and Clustering Analytics - credits
New Course	DATA 301 Data Science Using Python - credits
New Course	DATA 311 Information Visualization - credits
New Course	DATA 331 Introduction to Multivariate Analytics - credits
New Course	DATA 421 Introduction to Bioinformatics - credits
New Course	DATA 471 Big Data and Cloud Computing - credits
New Course	DATA 499 Data Science Senior Project - credits
New Program	Data Science, B.S.
Change Course	EDEC 201 Language & Literacy for Infants, Toddlers, and Preschool Children - credit
Change Course	EDEC 302 Literacy for Early Childhood - credits
Change Course	EDEC 309 Literacy & Literature for Infants, Toddlers, and Preschool Children - credit
New Course	EDSC 436 Student Teaching (Elementary Dance Education) - credits
New Course	EDSC 437 Student Teaching (Secondary School Dance Education) - credits
Change Course	FIN 420 Bank Management - credits
Change Course	FIN 425 Financial Derivatives - credits
Change Course	FIN 433 Real Estate Finance - credits
Change Course	GEOG 272 Physical Geography - credits
Delete Course	GEOG 420 Internship in Planning
New Course	GEOG 447 Geographic Perspective on Israel/Palestine - credits
Change Program	Geography with Specialization in General/Regional Geography, B.A.
Change Program	Geography with Specialization in Tourism, B.A.

Change Course	[HIST 438 Topics in Medieval History - credits](#)
New Course	[HIST 480 Latinos in North America - credits](#)
New Course	[ID 200 Studies in Racial Justice - credits](#)
Change Program	[International Studies M.S.](#)
Change Course	[LLA 501 Current Trends in Developmental Reading PK-12 - credits](#)
Change Course	[LLA 519 Teaching Writing Across The Curriculum I - credits](#)
Change Course	[LLA 521 Literacy Instruction for Diverse Populations - credits](#)
New Course	[LLA 614 Diagnosis and Intervention of Reading and Language Arts Difficulties I - cre](#)
New Course	[LLA 616 Diagnosis and Intervention of Reading and Language Arts Difficulties II - cr](#)
New Course	[LLA 617 Critical Literacy in Practice - credits](#)
New Course	[LLA 618 Clinical Practices in Literacy and Language Arts - credits](#)
Change Course	[LLA 622 Organization, Administration, and Supervision of Reading and Language Art](#)
New Course	[LTN 480 Latinos in North America - credits](#)
Change Course	[MAT 531 Literacy and Language Issues in the Classroom - credits](#)
Delete Course	[MATH 413 Teaching Mathematics in the Secondary School](#)
New Course	MATH 414 Teaching Mathematics in the Middle School - credits
New Course	MATH 415 Teaching Mathematics in the High School - credits
Change Course	MATH 426 Student Teaching Seminar - credits
Change Program	Mathematics, B.S. (Certifiable for secondary teaching)
New Program	[Minor in Data Science](#)
Change Course	[PHIL 221 Introduction to Modern Logic - credits](#)
New Course	[PSY 401 Data Collection in Psychological Science: Learning, Memory & Cognition - c](#)
New Course	[PSY 402 Data Collection in Psychological Science: Biopsychology and Sensation & Pe](#)

New Program	Racial Justice Certificate
Change Program	Sixth-Year Certificate in Reading and Language Arts
New Course	STAT 401 Biostatistics - credits
New Course	STAT 402 Introduction to Categorical Data Analysis - credits
New Course	STAT 403 Analysis of Correlated Data - credits
New Course	STAT 469 Monte Carlo Methods - credits
Change Course	TE 115 STEM Laboratory Management and Safety - credits
Change Course	TE 310 Communication Systems - credits