

2021-2022 NJCU Senate C&I Committee

December 20, 2021 Report

Dr. Michael Rotenberg-Schwartz, Chair
Dr. Nelda Ephraim
Dr. Ahmad Rabaa'i
Ms. Ruth Ortiz
Ms. Ellen Quinn
Ms. Diana Chica (Student Representative)

I. The committee approved the proposal from the Department of Sociology and Anthropology to change its name to “Department of Sociology, Anthropology, and Social Work.”

The committee also approved the proposal from the Department of Chemistry to change its name to “Department of Chemistry and Biochemistry.”

II. The committee approved the following program proposals:

1.

Proposal Initiator	Amparo Fabra and Martha Mooke
Originating Department	Music, Dance, and Theater Department
Program Title	Bachelor of Arts in Music, Multi-Style Strings
Program Objective	The Multi-Style Strings B.A. program is designed to support creative exploration, empower artistic identity and provide the practical tools essential for the 21st century string player. While embracing multiple styles of music, technology and improvisation, students will benefit from a solid foundation in music theory, harmony, historic and cultural perspective along with developing strategies for producing and marketing their work through the study of music business and production. Whether continuing on to pursue Graduate studies or launching their professional music career, Graduates of the Multi-Style Strings B.A. program will be well prepared to meet the challenges and embark on rewarding and successful careers.
Program Curriculum	Major, 122 credits

2.

Proposal Initiator	Robert Aslanian, Chitra Narayanan, and Hanae Haouari
Originating Department	Chemistry
Program Title	Bachelor of Science in Forensic Chemistry
Program Objective	The primary objective of B.S. in Forensic Chemistry is to create a rigorous program to provide students with a strong foundation in chemistry, biology, physics, mathematics, communication, criminalistics and crime scene investigation, in addition to the General Education requirements. The interdisciplinary Forensic Chemistry program will prepare students to pursue careers as forensic and analytical chemists in industry and government agencies at the local, state and federal levels or in academia. The introductory level courses are designed to provide an in-depth understanding of the scientific principles and criminalistic knowledge essential for student success. The advanced level courses provide theoretical knowledge, hands-on laboratory, field skills, and are designed to meet the specific needs of students based on their career aspirations.
Program Curriculum	Major, 120 credits

II. The committee approved the following course proposals:

1.

Course Initiator	Hun Bok Jung
Originating Department	Earth and Environmental Sciences
Course Title	It's a Large World of Microbes: Environmental Science of Microorganisms
Catalog Description	Microorganisms are everywhere—from plants and animals to air, soil, and water. Microbes have profound effects on our daily lives and modern society. This course focuses on a variety of environmental topics related to microbial activities, interactions, and processes, and examines microbial activities in the context of anthropogenic concerns.
Credits	3 cr.
Component Workload Hours	Lecture, 3 credits
Course Level	200
Prerequisites	None
Student Learning Outcomes	Critical Thinking and Problem Solving; Information and Technical Literacy

Degree Requirements	Elective for BA and BS in Geoscience Environmental Science; no change in total major credits
Enrollment	One semester a year; 25 students maximum enrollment per section