

2021-2022 NJCU Senate C&I Committee

February 14, 2022 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 following proposal for a certification program pending a minor edit:

1.

Proposal Initiator	Carol Fleres, Frank Nascimento, Amanda Philp
Originating Department	Special Education and Psychology
Program Title	Certificate in Behavior Management and Introductory Applied Behavior Analysis
Program Objective	The actions of children with limited communication, cognition, social competence and behavior disorders are often challenging to parents and professionals despite the adults' best efforts to be supportive and to bring about change. Candidates in the Behavior Management Certificate Program will be taught basic principles of applied behavior analysis involved in identifying how such behaviors are being triggered or reinforced and how new behaviors may be taught explicitly. This online Certificate in Behavior Management and Introductory Applied Behavior Analysis Program develops knowledge and understanding of the characteristics and needs of varying developmental disabilities, including autism spectrum disorders, and psychological disorders, all of which sometimes present with challenging behaviors.
Program Curriculum	Certificate, 13 credits

II. The committee approved the following course proposals:

1.

Course Initiator	Hun Bok Jung
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Originating Department	Earth and Environmental Sciences
Course Title	Environmental Law and Politics
Catalog Description	Environmental laws protect the environment and human health, and regulate the use of natural resources. This course introduces the central concepts and theories underlying environmental laws and the politics of U.S. environmental policy making, as well as the history of environmental laws and environmental policy debates, while engaging students in community-based active learning.
Credits	3 cr.
Component Workload Hours	Lecture, 3 credits
Course Level	200
Prerequisites	None
Student Learning Outcomes	Civic Engagement and Intercultural Knowledge; Critical Thinking and Problem Solving
Degree Requirements	Elective for BA in Geoscience Environmental Science and BA in Sustainability Studies; no change in total major credits
Enrollment	One semester a year; 25 students maximum enrollment per section

2.

Course Initiator	Hun Bok Jung
Originating Department	Earth and Environmental Sciences
Course Title	Natural Disasters and Society
Catalog Description	Natural disasters threaten humans and society, and cause severe economic, financial, and social impacts. This course introduces students to interdisciplinary aspects of natural disasters. Students will learn about a variety of natural hazards, including earthquakes, landslides, tsunamis, volcanic activity, floods, and wildfires, as well as the risk assessment and mitigation.
Credits	3 cr.
Component Workload Hours	Lecture, 3 credits
Course Level	200

Prerequisites	ENGL 101 is a coreq
Student Learning Outcomes	Civic Engagement and Intercultural Knowledge; Information and Technical Literacy
Degree Requirements	Elective in BA Earth Science, BS Geoscience Geology, and Minor in Geoscience
Enrollment	One semester a year; 25 students maximum enrollment per section

3.

Course Initiator	Hun Bok Jung
Originating Department	Earth and Environmental Sciences
Course Title	Environmental Justice for Our Community
Catalog Description	Environmental justice is important to ensure that a clean and healthy environment is available equally for all people, regardless of race, ethnicity, gender, or income. This course will examine the theories, issues and history of environmental justice and engage students in community-based active learning.
Credits	3 cr.
Component Workload Hours	Lecture, 3 credits
Course Level	200
Prerequisites	None
Student Learning Outcomes	Civic Engagement and Intercultural Knowledge Critical Thinking and Problem Solving
Degree Requirements	Elective for BA Geoscience Environmental Science and BA Sustainability Studies
Enrollment	One semester a year; 25 students maximum enrollment per section

4.

Course Initiator	Ahmad Rabaa'i
Originating Department	Finance

Course Title	Analysis and Design of Business Information Systems
Catalog Description	The course covers a systematic methodology for analyzing a business problem or opportunity, modeling it using a formal technique, determining what role, if any, computer-based technologies can play in addressing the business need, and specifying the requirements for the BIS solution, in particular, in-house development or purchased commercial-off-the-shelf (COTS) packages.
Credits	3 cr.
Component Workload Hours	Lecture, 3 credits
Course Level	300
Prerequisites	ENGL 102
Student Learning Outcomes	
Degree Requirements	Required for BS and Minor in Business Information Systems; elective for BS Business Analytics and Data Science; no change in credits, as course was built into program proposal
Enrollment	One semester a year; 25 students maximum enrollment per section

5.

Course Initiator	Ahmad Rabaa'i
Originating Department	Finance
Course Title	Basics of Business Telecommunications and Technology Infrastructure
Catalog Description	This course focuses on business telecommunications and infrastructure capabilities as well as limitations. Students will have a good understanding of the principles of business telecommunications and infrastructure that will allow organizations to gain a competitive advantage. Network planning, design, management, security, data transmission, layering and different protocols will be discussed.
Credits	3 cr.
Component Workload Hours	Lecture, 3 credits
Course Level	300
Prerequisites	MATH 164 OR ECON 203 OR ECON 221 OR equivalent.
Student Learning Outcomes	

Degree Requirements	Required for BS and Minor in Business Information Systems; elective for BS Business Analytics and Data Science; no change in credits, as course was built into program proposal
Enrollment	One semester a year; 25 students maximum enrollment per section