2020-2021 NJCU Senate C&I Committee

December 7, 2020 Report

Dr. Michael Rotenberg-Schwartz, Chair

 Dr. Nelda Ephraim

Dr. Pablo Garofalo

Ms. Ruth Ortiz

Ms. Ellen Quinn

**I. The committee approved the 8 proposals submitted by the Honors Program Committee to revise the program. Please see the attached document for details.**

**II. The committee approved the following course proposals:**

1.

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| Course Initiator | Hun Bok Jung |
| Originating Department | Earth and Environmental Sciences |
| Course Title | **Energy, Society, and Sustainability** |
| Catalog Description | This course addresses sustainable energy systems and covers resources, extraction, conversion, and technologies that meet regional and global energy needs in a sustainable manner. Students will evaluate and analyze energy systems within the context of socio-political, economic,, and environmental perspectives. |
| Credits | 3 cr. |
| Component Workload Hours | Lecture, 3 credits |
| Course Level | 300  |
| Prerequisites | 8 courses/24 credits in Gen Ed Tiers I and II |
| Mode of Inquiry | NA |
| Student Learning Outcomes | Critical Thinking and Problem Solving; Written Communication; Oral Communication |
| Degree Requirements | Elective for Earth and Environmental Sciences majors; no change in credits |
| Enrollment | One semester a year; 15 students maximum enrollment per section |

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| Course Initiator | Hun Bok Jung |
| Originating Department | Earth and Environmental Sciences |
| Course Title | **Our Sustainable World: Urban and Global Sustainability** |
| Catalog Description | This course introduces concepts and frameworks of sustainability on local to global scales and examines the environmental, economic, political, and social aspects of urban and global sustainability. This course will explore various sustainability issues in human and natural systems as well as solutions to sustainability challenges. |
| Credits | 3 cr. |
| Component Workload Hours | Lecture, 3 credits |
| Course Level | 200  |
| Prerequisites | None |
| Mode of Inquiry | Scientific and Quantitative Inquiries; Social and Historical Perspectives |
| Student Learning Outcomes | Critical Thinking and Problem Solving; Civic Engagement and Intercultural Knowledge |
| Degree Requirements | Required for BA in Sustainability Studies; no change in credits |
| Enrollment | Fall and Spring semester; 25 students maximum enrollment per section |

 3. Pending minor edits

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| Course Initiator | Pablo Garofalo |
| Originating Department | Economics |
| Course Title | **Economics of Information and Uncertainty** |
| Catalog Description | This course covers quantitative methods and applies them to the problems of the economics of information and uncertainty. It includes probability theory; utility maximization; decision making under uncertainty; and asymmetric information. These concepts will be applied to politics, firm behavior,, financial markets, the market of used cars, and labor markets. |
| Credits | 3 cr. |
| Component Workload Hours | Lecture, 3 credits |
| Course Level | 300  |
| Prerequisites | ECON 203 or MATH 140 or ECON 211 AND ECON 208 |
| Mode of Inquiry | NA |
| Student Learning Outcomes | NA |
| Degree Requirements | Elective for BA and Minor in Economics; no change in credits |
| Enrollment | One semester every two years; 25 students maximum enrollment per section |

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| Course Initiator | Jorge Medina |
| Originating Department | Economics |
| Course Title | **Economics of Discrimination** |
| Catalog Description | This course addresses sustainable energy systems and covers resources, extraction, conversion, and technologies that meet regional and global energy needs in a sustainable manner. Students will evaluate and analyze energy systems within the context of socio-political, economic,, and environmental perspectives. |
| Credits | 3 cr. |
| Component Workload Hours | Lecture, 3 credits |
| Course Level | 300  |
| Prerequisites | BUSI 203 or MATH 140 or ECON 211 AND ECON 208 |
| Mode of Inquiry | NA |
| Student Learning Outcomes | NA |
| Degree Requirements | Elective for Earth and Environmental Sciences majors; no change in credits |
| Enrollment | One semester every two years; 25 students maximum enrollment per section |