2019-2020 NJCU Senate C&I Committee

April 20, 2020 Report

Dr. Michael Rotenberg-Schwartz, Chair

Dr. Pablo Garofalo

Dr. Graig Klein

Dr. Joseph Moskowitz

Ms. Ruth Ortiz

Dr. Lilliam Rosado

**I. The committee approved the following course proposals pending minor edits:**

1.

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| --- | --- |
| Course Initiator | Jacqueline Ellis |
| Originating Department | Women’s and Gender Studies |
| Course Title | **Girls, Girl Culture, and Girlhood Studies** |
| Catalog Description | This course explores girlhood in the United States and globally. Students will examine individual experiences, socially constructed definitions, and cultural representations of girlhood from interdisciplinary perspectives and will consider how education, media, politics, families, and friendships shape girls’ identities. |
| Credits | 3 cr. |
| Component Workload Hours | Lecture, 3 credits |
| Course Level | 300 (General Education Tier III) |
| Prerequisites | WGST 101, 109, 110, 200, or 225 |
| Mode of Inquiry | NA |
| Student Learning Outcomes | Written Communication and Critical Thinking and Problem Solving |
| Degree Requirements | Elective |
| Enrollment | Every spring semester; 15 students maximum enrollment per section |

2.

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| --- | --- |
| Course Initiator | Virginia Ochoa-Winemiller |
| Originating Department | Latin American, Caribbean, and Latino Studies |
| Course Title | **Drugs: History, Production, and Trade in Latin America** |
| Catalog Description | Using an anthropological approach, students will explore specific issues related to drug production and trafficking, such as the subsequent political corruption, the rise of narco-states, global and economic impacts, and the US-led eradication and interdiction efforts known as the “War on Drugs” in these regions. |
| Credits | 3 cr. |
| Component Workload Hours | Lecture; 3 credits |
| Course Level | 200 (General Education Tier II) |
| Prerequisites | None |
| Mode of Inquiry | Social and Historical Perspecitve |
| Student Learning Outcomes | Critical Thinking and Problem Solving and Written Communication |
| Degree Requirements | Elective for the minor in Latin American, Caribbean, and Latino Studies. No change in credits. |
| Enrollment | Every other semester; 25 students maximum enrollment per section |

3.

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| --- | --- |
| Course Initiator | Hanae Haouari |
| Originating Department | Chemistry |
| Course Title | **Introduction to Computational Chemistry** |
| Catalog Description | This course provides the essential theoretical background of computational chemistry as well as the practical skills to perform computations to solve chemical problems. The concepts of chemical bonding, reactivity, molecular properties, and spectroscopy are explained from the electronic perspective. Students are exposed to modem computational chemistry software. |
| Credits | 3 cr. |
| Component Workload Hours | Lecture, 3 credits |
| Course Level | 300 |
| Prerequisites | Chem 305 |
| Mode of Inquiry | NA |
| Student Learning Outcomes | NA |
| Degree Requirements | Elective |
| Enrollment | Once a year; 24 students maximum enrollment per section |

4.

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| --- | --- |
| Course Initiator | Michael Wiltsey |
| Originating Department | Professional Security Studies |
| Course Title | **Bloodstain Pattern Analysis** |
| Catalog Description | This course will explore the history of bloodstain pattern analysis in criminal investigations. Students will learn basic pattern interpretation and conduct experimentation to solidify their learning. Students will learn the methods for determining impact angles, direction of travel, as well as areas of convergence and origin of impact spatter patterns. |
| Credits | 3 cr. |
| Component Workload Hours | Lecture, 3 credits |
| Course Level | 300 |
| Prerequisites | SECU XXX: Crime Scene Investigation (can be waived with approval) |
| Mode of Inquiry | NA |
| Student Learning Outcomes | NA |
| Degree Requirements | Elective |
| Enrollment | Once a year; 25 students maximum enrollment per section |

5.

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| --- | --- |
| Course Initiator | Michael Wiltsey |
| Originating Department | Professional Security Studies |
| Course Title | **Crime Scene Investigation** |
| Catalog Description | This course will review basic and advanced procedures of crime scene investigation. Students will learn the procedures for documenting crime scenes. The course will also cover the proper search techniques, documentation, and collection of evidence. The course will also introduce students to fingerprint examination, bloodstain pattern analysis, and crime-scene reconstruction. |
| Credits | 3 cr. |
| Component Workload Hours | Lecture, 3 credits |
| Course Level | 200 |
| Prerequisites | None |
| Mode of Inquiry | NA |
| Student Learning Outcomes | NA |
| Degree Requirements | Elective |
| Enrollment | Once a year; 25 students maximum enrollment per section |

**II. The committee approved the following course proposals pending minor edits:**

1.

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| --- | --- |
| Course Initiator | David Blackmore |
| Originating Department | Latin American, Caribbean, and Latino Studies |
| Course Title | **Studying Latin America** |
| Catalog Description | This course examines the geography and some of the diverse peoples of Latin America. Topics may include prehistoric societies, ethnicity and race, gender and sexuality, U.S.-Latin America relationships, migration patterns, and globalization. Students will gain expertise in one particular country of Latin America through an extended research project. |
| Credits | 3 cr. |
| Component Workload Hours | Lecture, 3 credits |
| Course Level | 100 (General Education Tier I) |
| Prerequisites | None |
| Mode of Inquiry | Social and Historical Perspectives |
| Student Learning Outcomes | Written Communication and Critical Thinking and Problem Solving |
| Degree Requirements | Elective |
| Enrollment | Every semester; 20 students maximum enrollment per section |

2.

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| --- | --- |
| Course Initiator | Hun Bok Jung and William Montgomery |
| Originating Department | Earth and Environmental Sciences |
| Course Title | **GIS IV: Web-Based GIS** |
| Catalog Description | There are increasing numbers of 21st-century online GIS users and data providers who are changing the manner in which GIS data are created, shared and utilized. Web-based and online  GIS applications and services are explored in this course. |
| Credits | 3 cr. |
| Component Workload Hours | Lecture, 3 credits |
| Course Level | 400 |
| Prerequisites | EESC 252 |
| Mode of Inquiry | NA |
| Student Learning Outcomes | NA |
| Degree Requirements | Required for Major in GIS |
| Enrollment | Once every year; 25 students maximum enrollment per section |

3.

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| --- | --- |
| Course Initiator | Hun Bok Jung and William Montgomery |
| Originating Department | Earth and Environmental Sciences |
| Course Title | **GIS V: Remote Sensing and Raster GIS** |
| Catalog Description | Many types of continuous surfaces have properties conducive to raster-based spatial analysis. This course provides advanced GIS students with tools and techniques commonly utilized when  processing and analyzing aerial and satellite imagery as well as other remote sensing and raster data. |
| Credits | 3 cr. |
| Component Workload Hours | Lecture, 3 credits |
| Course Level | 400 |
| Prerequisites | EESC 252 |
| Mode of Inquiry | NA |
| Student Learning Outcomes | NA |
| Degree Requirements | Required for Major in GIS |
| Enrollment | Once every year; 25 students maximum enrollment per section |

4.

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| --- | --- |
| Course Initiator | Hun Bok Jung and William Montgomery |
| Originating Department | Earth and Environmental Sciences |
| Course Title | **GIS VI: Advanced Applications of GIS** |
| Catalog Description | GIS has proven itself extremely useful in a wide array of diverse disciplines, from Earth Science to English. This advanced course explores a number of potential GIS-based approaches to complex problems in a variety of disciplinary contexts. |
| Credits | 3 cr. |
| Component Workload Hours | Lecture, 3 credits |
| Course Level | 400 |
| Prerequisites | EESC 252 and EESC 350 |
| Mode of Inquiry | NA |
| Student Learning Outcomes | NA |
| Degree Requirements | Required for Major in GIS |
| Enrollment | Once every year; 25 students maximum enrollment per section |