

Senate Curriculum Report – September 17, 2021

Prepared by Marci Carrasquillo on behalf of the Senate Curriculum Committee

The following major proposals from the College of Engineering are being submitted for Senate Approval:

Proposal #	Department	Process Type	Proposal
5477024	Electrical and Computer Engineering	New Degree/Program	Certificate of Undergraduate Study (CUGS): Applied Machine Learning in Engineering https://onbase.rowan.edu/AppNetForms/docpop/docpop.aspx?docid=5477024&chksum=5f36acd03f0d44fe379b96ac07bcf83e109e140dd9e608556cc24179d355f8f6 Lead Sponsor: Ghulam Rasool
<p>The proposed 12 s.h. “Certificate of Undergraduate Study (CUGS) in Applied Machine Learning in Engineering will be offered by the Henry M. Rowan College of Engineering, Department of Electrical and Computer Engineering [...] A unique aspect of this CUGS is the practical hands-on experience option it provides [...] This CUGS also provides unique access for non-engineering students to Rowan Engineering’s signature hallmark, the Senior Engineering Clinic (2 credits, to be taken twice, for a total of 4 credits, providing year-long project experience, counting as one of the electives for the CUGS), where students work on real-world unsolved problems. Many of the projects are long term, lasting several semesters and are also externally funded. Senior Engineering Clinic is also a writing intensive class, providing students with additional experience for reporting / disseminating their work. [T]hrough this four-class sequence, the Applied Machine Learning in Engineering CUGS will provide breadth and depth in theoretical foundations of machine learning, as well as practical hands-on real-world project experience. As a result of this broad fundamental and practical experience we expect our students to be particularly marketable, attracting high paying salaries.”</p>			

The following major proposals from the College of Humanities and Social Sciences are being submitted for Senate Approval:

Proposal #	Department	Process Type	Proposal
5654488	World Languages	New Degree/Program	Minor: Japanese https://onbase.rowan.edu/AppNetForms/docpop/docpop.aspx?docid=5654488&chksum=b0e33aac3f2bb9b31e5d308c10aaeed176bc089ff0cc1d51eaa2c67da85ed399 Lead Sponsor: Marilyn Manley
<p>“The proposed [18 s.h.] Japanese Minor [...] will allow our students to advance their linguistic and communicative competence in Japanese while broadening their knowledge of Japanese culture and society. [...] This academic background will set our students apart as they search for employment in a wide variety of career fields, such as in translation and interpretation, foreign and public services, international sales and business, humanitarian work, government, politics, and international law. [...] [E]nrollment in Japanese courses at Rowan has steadily increased since Elementary Japanese courses were launched in 2009, and the demand and interest in continuing Japanese language study and declaring a Minor is currently high among our students. Finally, it is worth noting that many Universities in the tri-state area offer a Major and/or a Minor in Japanese or Japanese Studies, such as Princeton University, Rutgers University, Montclair State University, University of Pennsylvania, Temple University, Villanova University, West Chester University, and University of Delaware, just to name a few. Adding a Japanese Minor to our offerings will put Rowan on track with the region’s finest and fastest-growing academic institutions and will give our graduates a competitive edge above other regional colleges that do not offer such a program.”</p>			

The following major proposals from the **College of Humanities and Social Sciences** are being submitted for Senate Approval:

Proposal #	Department	Process Type	Proposal
5637691	World Languages	New Degree/Program	<p>Certificate of Undergraduate Study (CUGS): Spanish for Health Professions https://onbase.rowan.edu/AppNetForms/docpop/docpop.aspx?docid=5637691&chksum=10d96eeeb5984fdffe85daad4ad4d00de43ee54977d3ffe9bab3f67855addad Lead Sponsors: Marilyn Manley and Shari Willis</p>
<p>“Spanish-speaking health professionals are urgently needed within the State of New Jersey as well as across the country [and] in New Jersey, roughly 29% of the population spoke a language other than English, with half of those speaking Spanish (over one million speakers). Both New Jersey and New York are among the top seven ranked U.S. states in terms of their total number of Spanish speakers. Finally, located relatively close to Rowan, New York City has the largest Spanish-speaking population of all U.S. cities. Health professionals with proficiency in Spanish can connect with Spanish-speaking patients or clients in meaningful ways, allowing them to have a dialogue that is both helpful and comfortable. Thus, by communicating in Spanish, health professionals may better assess their patients’ needs, leading to a better quality of care for these patients/clients. Additionally, being able to work in a health setting with Spanish speakers expands career opportunities for our students. Many of the health positions for the Peace Corps in Central and South America, for example, require Spanish as well as other organizations/associations in our area that value Spanish language skills. Students of the proposed CUGS in Spanish for Health Professions (12 s.h.) will [complete] a balance of Spanish language coursework at an appropriate level of proficiency (Intermediate) along with subject-specific coursework offered both in Spanish and in English. We are confident that the proposed program will serve Rowan students well, will enhance their prospects on the job market, and will aid them in their communication and make them more effective in treating Spanish-speaking patients and clients.”</p>			

The following major proposals from the **School of Health Professions** are being submitted for Senate Approval:

Proposal #	Department	Process Type	Proposal
5666867	Health and Exercise Science	New Degree/Program	<p>[Undergraduate] Concentration: Spanish for Public Health and Wellness https://onbase.rowan.edu/AppNetForms/docpop/docpop.aspx?docid=5666867&chksum=561fbab848b42aaaa9a79be9f46b28f559d3e9be4af5d498d440445b872a58f1 Lead Sponsors: Shari Willis and Marilyn Manley</p>
<p>“Health professionals with proficiency in Spanish can connect with Spanish-speaking patients or clients in meaningful ways, allowing them to have a dialogue that is both helpful and comfortable. Thus, by communicating in Spanish, health professionals may better serve the populations in which they work. If students go on to pursue a career within the field of healthcare, they will better assess their patients’ needs, leading to a better quality of care for these patients/clients. Additionally, being able to work in a health setting with Spanish speakers expands career opportunities for our students. Students of the proposed Concentration in Spanish for Public Health and Wellness (12 s.h.) will ... gain general communicative competence in Spanish at the Intermediate level ... [and] the course content will lead to a better understanding of the human body and will give inroads to understanding language and terminology needed while working with diverse populations.”</p>			