## Curriculum Senate Report – December 20, 2019 Prepared by Marci Carrasquillo on behalf of the Senate Curriculum Committee

The following major proposals from the <u>College of Education</u> are being submitted for Senate Approval:

Proposal #	Department	Process Type	Proposal
11 5 //ID 35U 11	Interdisciplinary and Inclusive Education	Program	"New Certificate of Graduate Study in Early Childhood STEM Education"  Lead Sponsor: Zeynep I sik-Ercan  https://onbsserowan.edu/AppNetForms/docpop/docpop.aspx?docid=52463598.chksum=bf/20e0c1a4d558833f58f8fde58079b75593d8553aa6b5d08877e900458454f

<sup>&</sup>quot;The objective of the [proposed 15 s.h.] COGS is to prepare early childhood educators to understand STEM content and to meaningfully address the issues and demands of science, technology, engineering, and math in early childhood contexts. The program will provide early childhood educators with the necessary knowledge and skills to advance change within school and community-based contexts. Since this program is one of the first graduate offerings in the area of early childhood education in our department, it will provide graduates of early childhood undergraduate program an opportunity to continue their graduate education at Rowan."

The following major proposals from the College of Communication and Creative Arts are being submitted for Senate Approva:

Proposal #	Department	Process Type	Proposal

5241655

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

Proposal #	Department	Process Type	Proposal
5204023	Chemical Engineering	New Degree-Related Program (E)	"New Concentration in Chemical Engineering Practice"  Lead Sponsor: Thomas Meadowcroft  https://onbaserowan.edu/AppNxtForms/dopppy/dopppy.aspxtdoid=5204023&drksum=20240440530a553a30ffe55817c81dd64f28df33bfd3117bes4z6678fa583fa3

<sup>&</sup>quot;Chemical engineers are typically first employed as production engineers supervising a unit and its employees, process engineers focusing on troubleshooting and process improvements, project engineers specifying and executing small installations, or process

The following major proposals from the College of Science and Mathematics are being submitted for Senate Approval:

Proposal #	Department	Process Type	Proposal
5209429	Computer Science	New Degree-Related Program (E)	"New Concentration (for BS) in Blockchain Technologies and Cryptocurrencies"  Lead Sponsor: Jack Myers  https://onbeecrowan.edu/AppNetForms/docpop/docpop.aspx?docid=52094298.chksum=08c042a7ab53c91678515b1715a6ed265977cs551ad5b75bd03ba59s917acc31

"Blockchain, is a revolutionary technology that enables peer-to-peer transfer of digital assets without any intermediaries and is predicted to be just as impactful as the Internet. The concept and applications of Blockchain have now spread from cryptocurrencies to various other domains, including business process management, smart contracts, the Internet of Things (IoT) and so on. Since blockchain is an emerging technology, there aren't enough qualified developers that can be hired. That has led to blockchain skills being very valuable. This [proposed 12 s.h. course of study's] target is to cover the application aspect of Blockchain. This includes the fundamental design and architectural primitives of Blockchain, the system aspect, along with various use cases from different application domains."

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

Proposal #	Department	Process Type	Proposal
5251090	Management and Entrepreneurship	New Degree-Related Program (E)	"New Certificate of Graduate Study in Corporate Entrepreneurship"  Lead Sponsor: Eric Liguori  https://onbaserowan.edu/AppNetForms/dogop/dogop/appx/dodd=52510908/dhksum=012195681a1604076131cad 8656621es97fe3s981ab436132f58221420d2668

The proposed 9 s.h. COGS "will utilize existing elective courses to build a standalone credential. The underlying content in the COGS speaks to shifts in demand in the job market. By offering this set of courses as COGS we can simultaneously: create more demand for the new COGS program and the MBA program, satisfy broader interests from prospective and continuing students, better meet needs for talent in industries seeking to hire highly skilled employees, and make more efficient use of course offerings and faculty resources. It is designed so that it can be utilized as a modular component for stacking with the MBA. [...] The three COGS options do have unique focuses [...] one more for those looking to launch a venture, one for those looking to be entrepreneurial within a large organization, and one for those looking to lead an entrepreneurial team or develop an entrepreneurial culture."

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	Proposal #	Department	Process Type	Proposal

5250908

The following major proposals from the <u>College of Business</u> are being submitted for Senate Approval:

Proposal #	Department	Process Type	Proposal
5251094	Management and Entrepreneurship	New Degree-Related Program	

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

Proposal #	Department	Process Type	Proposal
5265761	Philosophy/ World Religions	Quasi-Curricular	

AT ROWAN, THE GOAL ISTO HOUSE DEGREESTHAT ARE DESIGNATED TO MEET AN EMERGENT NEED. AT THISTIME, I AM UNABLE TO PREDICT ALL OF THE POSSIBLE INDUSTRY-DRIVEN NEEDSTHAT CAN OCCUR. HOWEVER, BELOW IS A SET OF EXAMPLES FOR DEGREES THAT DO NOT HAVE AN ACADEMIC HOME AT ROWAN AND MAY FIT WITHIN A SCHOOL OF PROFESSIONAL STUDIES.

Master of Professional Studies (Proposal Submitted)
Bachelor of Professional Studies (Proposal under review consideration and revision)
Master of Science in Research Administration Compliance (Not yet proposed)
Master of Arts in Homeland Security (Not yet proposed)
Master of Arts in Immigration Studies (Not yet proposed)

Radiation Technology (Not yet proposed)---This program is accredited by THE JOINT REVIEW COMMITTEE ON EDUCATION IN RADIOLOGIC TECHNOLOGY https://www.jrcert.org/find-a-program/
As required by the State of New Jersey please note the following:

Radiologic Technology Board of Examiners

## INTRODUCTION

In accordance with the Radiologic Technologists Act (N.J.S.A. 26:2D-24) the Radiologic Technology Board of Examiners (Board) consists of 15 members and has the following responsibilities:

To advise the Commission on Radiation Protection on issues involving radiologic technology.

To establish and review educational standards and policies for radiologic technology educational programs.

To develop and review licensure standards and to license applicants who meet these standards.

To review and award accreditation to those radiologic technology programs that meet or exceed the educational standards and policies.

Executive M.S. in Technology Management Master of Professional Studies in Wealth Management

## Curricular Effect

The School of Professional Studies will serve as the academic home to a variety of innovative market-driven programs that do not belong to an existing academic department or college and/ or do not have a conventional programmatic content, structure, or delivery model. Its curricular effect will be beneficial as it will provide oversight and uniform guidance regarding curricular parameters and academic standards. The School will foster interdisciplinary collaboration and external partnerships in support of shared or jointly offered programs. It is not intended for the School of Professional Studies to house degree granting program that are in academic departments.

Proposal #	Department	Process Type	Proposal
5249806	N/A	Quasi-Curricular (Q)	"Creation of a New School of Graduate Studies"  Lead Sponsor: DeMond Miller, Sociology/ Anthropology, College of Humanities and Social Sciences  https://onbase.rowan.edu/AppNetForms/dogop/dogop.aspx?doade=52498068.drks.um=988e8ac8b667bc3fb40e8d7be8fd8aesf0db2d8772256b2573c88c42c6d27f2

<sup>&</sup>quot;The evolving research mission of Rowan University has reached a critical juncture. The expansion of the research enterprise that has occurred since the integration of the School of Osteopathic Medicine and the Graduate School of Biomedical Sciences has propelled the institution to the Carnegie Classification of R2: Doctoral Universities — High Research Activity. This growth was achieved by leveraging the newly acquired research assets of Rowan SOM and GSBS along with those of historically research-active Rowan University departments and faculty. The University's first PhD program was the GSBS program in Cell & Molecular Biology, followed by Engineering, Clinical Psychology, Education, and Biomedical Engineering. As the next generation of master's and PhD programs are developed, the academic research program infrastructure needs to be administered in a sustainable and strategic manner by an independent School of Graduate Studies.

The School of Graduate Studies will be led by a Dean under the direction of the Provost and will foster strategic and operational alignment of faculty, student, and visiting scholars' research activity while nurturing the critical development of academic research programs. The Dean will work closely with the Office of the Provost and academic