



Bachelor of Science in Nuclear Engineering Technology to Master of Business Administration (Dual Degree Track)

**154
CREDITS**

ARTS AND SCIENCES COMPONENT

	CREDIT HOURS
► Communications (Must include 6 credits in the Written English Requirement)	9
► Humanities	3
► Ethics	3
► Social Sciences/History	
Organizational Behavior ^① Economics ^①	9
► Mathematics and Natural Sciences	
Mathematics: 12 credits at the level of College algebra or above, including Calculus I and II	26
Natural Sciences: Physics I and II with at least one lab, Chemistry with lab, Atomic Physics, Nuclear Physics, and Thermodynamics	
► Arts and Sciences Electives	
Quantitative Methods ^① (Statistics is a prerequisite)	10
TOTAL CREDITS FOR ARTS AND SCIENCES COMPONENT	60

NUCLEAR ENGINEERING TECHNOLOGY COMPONENT

	CREDIT HOURS
► Core Requirements	
Electrical Theory Health Physics/Radiation Protection Fluids	
Computer Applications Radiation Measurement Lab Heat Transfer	
Fundamentals of Reactor Safety Plant Systems Overview NUC 495 Integrated Technology Assessment (capstone) ^②	48
Material Science Reactor Core Fundamentals Nuclear Technology Electives	
► Required Labs	
Chemistry Physics Radiation Measurement 2 Technology or Natural Science Labs	
► Concentration Requirements: One of the following concentrations must be declared (see page 71)	
General Concentration Nuclear Cybersecurity Nuclear Leadership	
TOTAL CREDITS FOR NUCLEAR ENGINEERING TECHNOLOGY COMPONENT (16 CREDITS MUST UPPER LEVEL)	48

FREE ELECTIVE COMPONENT

	CREDIT HOURS
► Any concentration requirement of free electives: May include any excess credit in Arts and Sciences, Business, or any applied professional area.	9
► Information Literacy	1
TOTAL CREDITS FOR FREE ELECTIVE COMPONENT	10

GRADUATE PHASE: (30 total graduate credits required)

Students achieve graduate status upon completion of the bridge component and all other undergraduate requirements.

BRIDGE COMPONENT

	CREDIT HOURS
► Information Technology	3
► Global Business Environment	3
TOTAL CREDITS FOR BRIDGE COMPONENT	6

GRADUATE COURSE COMPONENT

	CREDIT HOURS
Accounting for Managers Operations Management Strategy and Policy (capstone) ^②	
Marketing Leadership Electives (9 elective or concentration course credits)	
Managerial Finance Project Management Principles and Applications	
TOTAL CREDITS FOR GRADUATE COURSE COMPONENT	30
TOTAL CREDITS FOR GRADUATE PHASE	36
TOTAL DEGREE CREDITS REQUIRED	154

^① Must be taken at the upper level and completed with a grade of B or above within the past 10 years.

^② NUC 495 Integrated Technology Assessment and BUS 511 Strategy and Policy are the required capstone courses and must be taken through Excelsior College. They cannot be transferred in.