

PUBLIC UTILITY MANAGEMENT, AS

Program code: PUTM-AS

Location: Gateway

Program Description

The Public Utility Management program will provide graduates with a wide variety of career options in the electricity, natural gas, drinking water and wastewater public utility fields. The industry offers an array of career tracks for those with a strong technical background as well as graduates with an aptitude in business, marketing, accounting, information technology, data analysis, and office administration. Credits from the Certificate in Water Management count toward an associate degree in Public Utility Management. Earning an Associate of Science Degree in Public Utility Management allows the opportunity for a seamless transfer to Southern Connecticut State University (SCSU) where students can earn a bachelor's degree in Business Administration with a specialization in Public Utility Management.

Learning Outcomes

Upon successful completion of all program requirements, graduates should be able to:

1. Describe and apply the operations of public utility management
2. Apply effective written and oral communication skills to articulate opportunities, ideas, and problems identified, as well as appropriate strategic responses across the economic social, environmental, public and political spheres
3. Formulate team dynamics and working in groups, particularly in relation to the functioning of critical incident response teams
4. Devise and translate ideas into logical steps that utilize resources and establish best practices with colleagues for customers and suppliers/vendors
5. Employ and make use of written documents such as Environmental Protection Agency methods of analysis, internal standard operating procedures, safety rules, policy manuals, and professional journals
6. Analyze and interpret the legal and/or regulatory implications of business and utility management
7. Perform laboratory testing and analyses required for operational control and regulatory compliance

This program transfers to Southern Connecticut State University's Business Administration - Public Utility Management B.S. degree.

Degree Requirements

Code	Title	Credits
General Education Courses		
ENG 1010	Composition	3
MATH 1200	Statistics I	3
ENG 1020 or ENG 1030	Composition II and Literature Composition II and Non-fiction Texts	3
ENV 1010 & 1010L	Introduction to Environmental Science and Introduction to Environmental Science Lab	4

ECON 1001	Principles of Macroeconomics	3
BUSN 2100	Business Communication	3
CCS 1001	College and Career Success	3
Program Courses		
ACCT 1130	Principles of Financial Accounting	3
ACCT 1170	Principles of Managerial Accounting	3
BMGT 1410	Public Utility Management	3
BUSN 2310	Business Law I	3
BUSN 2400	Business Ethics	3
BMGT 2020	Principles of Management	3
BMGT 2416	Rates and Revenues	3
BMGT 2419	Asset and Infrastructure Management	3
BMGT 2421	Customer Relations	3
ECON 1002	Principles of Microeconomics	3
CSA 1111	Spreadsheet Applications	3
ENV 1100 or ENV 1120	Environmental Regulations Environmental and Energy Law and Regulations	3
Choose two of the following:		6
BUSN 2095	Business Practicum	
BUSN 2195	Business Co-op Internship	
MFG 1413	Principles of Quality Control	
BMKT 2010	Principles of Marketing	
WMTR 1001	Water Treatment and Distribution	
WMTR 1002	Special Topics in Water Treatment	
WMTR 1003	Special Topics in Water Distribution	

Total Credits **64**

- Public Utility Management Certificate
- Water Management Certificate