

# CERTIFICATE IN ELECTRICITY MARKETS

This program is an introduction to both the technical and business sides of a deregulated electric power industry.

## Curriculum

Code	Title	Credit Hours
<b>Power System Courses</b>		<b>(6)</b>
Select a minimum of two courses from the following:		6
ECE 418 or ECE 419	Power System Analysis Power Systems Analysis with Laboratory	3-4
ECE 555	Power Market Operations	3
ECE 556	Power Market Economics and Security	3
ECE 561	Deregulated Power Systems	3
ECE 562	Power System Transaction Management	3
ECE 563	Artificial Intelligence in Smart Grid	3
ECE 579	Operations and Planning and Distributed Power Grid	3
ECE 580	Elements of Sustainable Energy	3
ECE 581	Elements of Smart Grid	3
ECE 582	Microgrid Design and Operation	3
<b>Finance Courses</b>		<b>(6)</b>
Select a minimum of two courses from the following:		6
MSF 502	Statistical Analysis in Financial Markets	3
MSF 503	Financial Modeling	3
MSF 504	Valuation and Portfolio Management	3
MSF 505	Futures, Options, and OTC Derivatives	3
MSF 554	Market Risk Management	3
MSF 584		3
<b>Total Credit Hours</b>		<b>12</b>