

## SUGGESTED PLANS OF STUDY

# Power Systems Graduate Programs



### STUDENT GOAL

Become an Expert in  
Distribution Engineering

Become an Expert in  
Protection and Controls

Become an Expert in  
Transmission Engineering

Move Into  
Management

### DEGREE PROGRAM

Master of Engineering,  
Power Systems Engineering

Master of Engineering,  
Power Systems Engineering

Master of Engineering,  
Power Systems Engineering

Master of Science,  
Power Systems Management

### COURSES

ECE 5500. Power System Analysis	ECE 5500. Power System Analysis	ECE 5500. Power System Analysis	ECE 5500. Power System Analysis
ECE 5511. Transients in Power Systems	ECE 5511. Transients in Power Systems	ECE 5511. Transients in Power Systems	ECE 5511. Transients in Power Systems
ECE 5530. Power Distribution	ECE 5521. Protective Relaying	ECE 5512. Electromechanical Energy Conversion	MIS 576. Project Management
ECE 5521. Protective Relaying	ECE 5522. Advanced Applications in Protective Relaying	ECE 5521. Protective Relaying	ECE 5520. Protection and Control
ECE 5522. Advanced Applications in Protective Relaying		ECE 5522. Advanced Applications in Protective Relaying	OIE 542. Risk Management and Decision Making
ECE 5532. Distributed and Renewable Power Generation		ECE 5540. Power Transmission	OBC 505. Teaming and Organizing for Innovation

### GRADUATE CERTIFICATE EARNED

Graduate Certificate in Power Systems: Renewable and Distributed Power Systems

Graduate Certificate in Power Systems: Protection and Control Certificate

Graduate Certificate in Power Systems: Power Transmission

Graduate Certificate in Power Systems: Management

### COURSES (CONTINUED)

ECE 5512. Electromechanical Energy Conversion	ECE 5530. Power Distribution	ECE 5523. Power System Dynamics	ECE 5530. Power Distribution
ECE 5531. Power System Operations and Planning	ECE 5532. Distributed and Renewable Power Generation	ECE 5531. Power System Operations and Planning	ECE 5540. Power Transmission
MIS 576. Project Management	ECE 5512. Electromechanical Energy Conversion	MIS 576. Project Management	FIN 500. Financial Management
OIE 542. Risk Management and Decision Making	ECE 5523. Power System Dynamics	OIE 542. Risk Management and Decision Making	Non-ECE or Business Elective Course like: SYS 501. Concepts of Systems Engineering
	ECE 5540. Power Transmission		
	ECE 5531. Power System Operations and Planning		



### SUCCESS! DEGREE EARNED

Master of Engineering,  
Power Systems Engineering

Master of Engineering,  
Power Systems Engineering

Master of Engineering,  
Power Systems Engineering

Master of Science,  
Power Systems Management



# WPI

Have Questions? Connect with Us  
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