

# PROFESSIONAL CYBERSECURITY, MASTER OF SCIENCE (MS)

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## Required Core

BADM 568	INFORMATION SYSTEMS PROJECT MANAGEMENT	4
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CYBR 502	INFORMATION ASSURANCE FOUNDATIONS	4
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CYBR 504	INFORMATION SECURITY MANAGEMENT	4
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<b>Electives—CYBR 539 may be repeated as long as the topics are different</b>		<b>12</b>
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CYBR 539	TOPICS IN CYBERSECURITY	
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CYBR 599	DIRECTED STUDY	
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<b>Thesis or Project</b>		<b>12</b>
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CYBR 600	THESIS	
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	or CYBR 601 RESEARCH REPORT	
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<b>Total Credits</b>		<b>36</b>
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## Students who earn an MS in Professional Cybersecurity from EWU should be able to:

- create security policies for protection of company assets;
- demonstrate knowledge of security techniques in order to secure premises, networks, equipment, and information;
- identify how hackers, hacktivists, and highly skilled cyber criminals attack the company including the tools they use and techniques;
- use tools such as vulnerability scanners, traffic analysis tools, port scanners, and risk assessment.