

# APPLIED ARTIFICIAL INTELLIGENCE, M.S. ELECTIVES

Code	Title	Credit Hours
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## Major Electives

AAI 5113	Computer Vision and Image Recognition	3
AAI 5203	Advanced Database Systems	3
CYBS 4883	Cryptography Fundamentals	3
CYBS 5113	Introduction to Cybersecurity Leadership	3
CYBS 5203	Cybersecurity Risk Management and Assessment	3
CYBS 5293	Introduction to Cloud Computing and Security	3
SDI 5103	Software Project Management	3
SDI 5213	DevOps - CI/CD	3

Students may choose any 5000-level course offered by all departments in the Polytechnic Institute with departmental permission. Courses may not be repeated if the student has taken the same 4000-level slashlisted course.

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## Open Electives

Maximum of 6 hours of Open Electives may be chosen		
CYBS 5583	Machine Learning for Cybersecurity	3
MATH 5163	Partial Differential Equations	3
C S 5483	Network Science	3
ODYN 5323	The Psychology and Practice of Project Management	3
ENT 5122	Entrepreneurship for Science and Technology	2
DSA 5203	Time Series Analysis	3
DSA 5403	Bayesian Statistics	3
DSA 5503	Healthcare Analytics	3