

MIPIS Program Completion Checklist	Satisfied
IPIS 5101 – Critical Infrastructure Protection: Issues and Strategies [0.5 cr]	
IPIS 5105 – Critical Infrastructure Risk Assessment [0.5 cr]	
IPIS 5106 – Management of Critical Infrastructure [0.5 cr]	
<p>Security Electives from following list [1.0 credit]:</p> <ul style="list-style-type: none"> <input type="checkbox"/> IPIS 5104 [0.5] Terrorism and International Security <input type="checkbox"/> IPIS 5301 [0.5] Disarmament, Arms Control and Nonproliferation <input type="checkbox"/> IPIS 5302 [0.5] Contemporary International Security <input type="checkbox"/> IPIS 5303 [0.5] Intelligence Statecraft and International Affairs <input type="checkbox"/> IPIS 5304 [0.5] Intelligence and National Security: Policies and Operations <input type="checkbox"/> IPIS 5305 [0.5] National Security Policy and Law <input type="checkbox"/> IPIS 5306 [0.5] Emergency and Business Continuity Management <input type="checkbox"/> IPIS 5320 [0.5] Topics in Infrastructure Security Policy <p><i>With advanced approval from the M.IPIS Associate Director, students may take 1.0 INAF credits from the National Security, Intelligence and Defence (NSID) Designated Field Courses, NPSIA MA Program.</i></p>	
<p>Other Electives from following list [1.0 credit]:</p> <ul style="list-style-type: none"> <input type="checkbox"/> IPIS 5501 [0.5] Transportation and Aviation Security <input type="checkbox"/> IPIS 5504 [0.5] Fundamentals of Fire Safety <input type="checkbox"/> IPIS 5505 [0.5] Natural Hazards in Canada: Risk and Impact <input type="checkbox"/> IPIS 5507 [0.5] Blast Load Effects on Structures <input type="checkbox"/> IPIS 5508 [0.5] Introduction to Explosives and Explosion Effects as they relate to Infrastructure and its Components <input type="checkbox"/> IPIS 5509 [0.5] Introduction to Cybersecurity 	
<p>Other Electives [1.0 credit]:</p> <p><i>(courses below have been pre-approved)</i></p> <ul style="list-style-type: none"> <input type="checkbox"/> INAF 5108 [0.5] Conflict Analysis <input type="checkbox"/> INAF 5201 [0.5] Disarmament and Arms Control <input type="checkbox"/> INAF 5206 [0.5] Civil-Military Relations <input type="checkbox"/> INAF 5208 [0.5] U.S. Foreign and Security Policy <input type="checkbox"/> INAF 5210 [0.5] Technology and War <input type="checkbox"/> INAF 5211 [0.5] Comparative Defence Policy <input type="checkbox"/> INAF 5212 [0.5] Issues in War and Defence Studies <input type="checkbox"/> INAF 5220 [0.5] Intelligence Analysis <input type="checkbox"/> INAF 5223 [0.5] Counterterrorism <input type="checkbox"/> INAF 5225 [0.5] Cybersecurity in Canada 	

<ul style="list-style-type: none"> <input type="checkbox"/> INAF 5226 [0.5] Cyber Warfare <input type="checkbox"/> INAF 5228 [0.5] Espionage & Foreign Influence <input type="checkbox"/> INAF 5254 [0.5] Capstone in Canadian Security Policy <input type="checkbox"/> INAF 5301 [0.5] Strategic Foresight in International Affairs <input type="checkbox"/> INAF 5411 [0.5] Internet Governance <input type="checkbox"/> INAF 5439 [0.5] Selected Topics in Security and Defence Policy <input type="checkbox"/> INAF 5469 [0.5] Topics in NSID <input type="checkbox"/> INAF 5506 [0.5] International Law: Use of Force <input type="checkbox"/> INAF 5218 [0.5] Post-Conflict Justice: Theory and Practice <input type="checkbox"/> INAF 5701 [0.5] Global Environmental Change: Human Implications x- listed with GEOG 50005 <input type="checkbox"/> EACJ 5607 [0.5] Computer communication Network <input type="checkbox"/> EACJ 5808 [0.5] Software Def. Networks & Cloud <input type="checkbox"/> ECMP 5000 [0.5] Engineering Communications <input type="checkbox"/> ECMP 5005 [0.5] Data Analytics <input type="checkbox"/> EGEN 5206 [0.5] Web & Mobile Software Development <input type="checkbox"/> MECH 5205 [0.5] Building Performance Simulation <input type="checkbox"/> MECH 5500 [0.5] Advanced Vibration Analysis <input type="checkbox"/> MECH 5601 [0.5] Creative Problem Solving & Design <input type="checkbox"/> EACJ 5105 [0.5] Secure Comm. & Data Encryption <input type="checkbox"/> EGEN 5106 [0.5] Fire Safety Engineering <input type="checkbox"/> SYSC 5101 [0.5] Design of High Performance Software <input type="checkbox"/> SYSC 5407 [0.5] Plan & Design Computer Networks <input type="checkbox"/> SYSC 5609 [0.5] Wireless Communications System <input type="checkbox"/> SYSC 5804 [0.5] 5G Networks <p><i>With advanced approval from the M.IPIS Associate Director, students may take a maximum of 1.5 credits in INAF or IPIS courses, or courses from related programs with a maximum 1.0 credits at the 4000 level.</i></p> <p><i>Other Approved Course(s):</i></p> <p>Course : _____</p> <p>Course: _____</p>	
Total Credits :	5.0

NB: This document is to facilitate student planning. The definitive guide to the IPIS Program is Carleton's Graduate Calendar:

<https://calendar.carleton.ca/grad/gradprograms/infrastructureprotectionandinternationalsecurity/>

It is the student's responsibility to ensure their degree requirements are met.