

Cybersecurity Specialisation Pathway

This document is to facilitate student planning. The definitive guide to the NPSIA Program is Carleton's Graduate Calendar: https://calendar.carleton.ca/grad/gradprograms/internationalaffairs/. It is the student's responsibility to ensure their degree requirements are met. We recommend that students fulfill their degree requirements as early as possible; this prioritisation of required courses is reflected in the pathway sequence outlined below.

Cybersecurity Coursework Option

Fall INAF 5016 [0.5] Statistical Analysis for International Affairs INAF 5017 [0.25] Policy Process and International Affairs INAF 5018 [0.25] Law and International Affairs CYBR 5000A [0.5 of 1.0] Science and Social Science of Cyber Security Other Requirements Language requirement completed as early as possible. NB: Students need to complete the above 1.5 credits to be eligible to apply for coop for summer. Required INAF Economics Course [0.5] CYBR 5000B [0.5 of 1.0] Science and Social Science of Cyber Security Other Requirements *INAF Course [0.5] in area of specialisation or approved in consultation with Coordinator of Specialisation* NB: Students cannot enroll in their mandatory economics course without completing their economics prerequisite in advance of this term. Students must complete their economics requirement in this semester to be eligible for a second coop term. Potential COOP Potential INAF Courses of Students Choosing - Field or Elective [0.5] Summer Year Two Potential INAF Courses of Students Choosing - Field or Elective [0.5] Remaining (2.0 credits INAF Courses of Student's Choosing - Field or Elective [0.5] Remaining INAF Courses as needed	· / -		1
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Year Two Coop provides students with additional term to complete program. Spring/ Remaining INAF Courses as needed Summer	Year Two	Other Requirements	2.0 credits
Spring/ Remaining INAF Courses as needed Summer	Winter	INAF Course of Student's Choosing - Field or Elective	
Summer	Year Two	Coop provides students with additional term to complete program.	
	Spring/	Remaining INAF Courses as needed	
Total 5.0 credits	Summer		
	Total		5.0 credits

^{*}Approved Courses: INAF 5210 Technology and War; INAF 5221 Economics of Security and Intelligence; INAF 5225 Cybersecurity in Canada; INAF 5226 Cyber Warfare; INAF 5234 National Security Policy and Law; INAF 5254 Capstone in Canadian Security Policy; INAF 5301 Strategic Foresight in International Security; INAF 5411 Internet Governance.

NB: If the approved cyber course is listed as a field course, it will also count towards the 1.5 field course requirement.



Cybersecurity Research Essay Option

Year One	Required	1.5 credits
Fall	INAF 5016 [0.5] Statistical Analysis for International Affairs	
	INAF 5017 [0.25] Policy Process and International Affairs	
	INAF 5018 [0.25] Law and International Affairs	
	CYBR 5000A [0.5 of 1.0] Science and Social Science of Cyber Security	
	Other Requirements	
	Language requirement completed as early as possible.	
	NB: Students need to complete the above 1.5 credits to be eligible to	
	apply for coop for summer.	
Year One	Required	1.5 credits
Winter	INAF Economics Course [0.5]	
	CYBR 5000B [0.5 of 1.0] Science and Social Science of Cyber Security	
	INAF 5015 Research Methods [0.5]	
	NB: Students cannot enroll in their mandatory economics course	
	without completing their economics prerequisite in advance of this	
	term.	
Year One	Potential COOP	
Spring/	Potential INAF Courses of Students Choosing - Field or Elective [0.5]	
Summer		
Year Two	Potential COOP	
Fall	Potential INAF Courses of Students Choosing - Field or Elective [0.5]	
Year Two	Required	Remaining
Winter	INAF 5908 MRE [1.0]	2.0 credits
	MRE needs to reflect cybersecurity specialisation.	
	Continuous registration in INAF 5908 is required until MRE is	
	completed.	
	Other Requirements	
	INAF Course [0.5] of Student's Choosing - Field or Elective	
Year Two	Coop provides students with additional term to complete program.	
Spring/	Remaining INAF Courses as needed	
Summer		
TOTAL		5.0 credits



Cybersecurity Thesis Option

Year One	Required	1.5 credits
Fall	INAF 5016 [0.5] Statistical Analysis for International Affairs	
	INAF 5017 [0.25] Policy Process and International Affairs	
	INAF 5018 [0.25] Law and International Affairs	
	CYBR 5000A [0.5 of 1.0] Science and Social Science of Cyber Security	
	Other Requirements	
	Language requirement completed as early as possible.	
	NB: Students need to complete the above 1.5 credits to be eligible to apply for coop for summer.	
Year One	Required	1.5 credits
Winter	INAF Economics Course [0.5]	
	INAF 5015 Research Methods [0.5]	
	CYBR 5000B [0.5 of 1.0] Science and Social Science of Cyber Security	
	NB Students cannot enroll in their mandatory economics course	
	without completing their economics prerequisite in advance of this	
	term. Students must complete their economics requirement in this	
	semester to be eligible for a second coop term.	
Year One	Potential COOP	
Spring/		
Summer		
Year Two	Required	Remaining
Fall	INAF 5909 Thesis [2.0]	2.0 credits
	Thesis needs to reflect Cyber Security Specialisation.	
	Continuous registration in INAF 5908 is required until Thesis is	
	completed.	
Year Two	Required	-
Winter	INAF 5909 Thesis [2.0]	
	Continuous registration in INAF 5908 until Thesis is completed.	
TOTAL		5.0 credits



Cybersecurity Specialisation Completion Checklist		
Language Requirement		
INAF 5016 – Required Statistics Class [0.5 credit]		
INAF 5017 - Required Policy Class [0.25 credit]		
INAF 5018 - Required Law Class [0.25 credit]		
INAF Economics Requirement [0.5 credit] • IEP field requires 1.0 credits in economics		
Minimum 3.5 INAF Course Credits (includes required courses)		
Field Designation (if student chooses) at least 1.5 credits are in the chosen field		
Cybersecurity Requirements fulfilles: CYBR 5000 [1.0] Science and Social Science of Cyber Security Coursework: INAF Course [0.5] in area of specialisation MRE/Thesis: Topic reflects cybersecurity specialisation		
For Non-NPSIA Courses: No more than 1.5 credits from courses from other departments No more than 1.0 credit from a single department outside NPSIA All non-NPSIA courses must be approved by NPSIA Associate Director		
No lower than a B- grade in any course credited to their MA program. NB If students receive grades C+ or lower in two or more courses, they will be withdrawn from the NPSIA program.		
Full Time Students: Completion of degree requirements within two calendar years; each coop term extends this time limit by one term.		
Part Time Students: Completion of degree requirements within six calendar years (terms of non-registration are counted within this six-calendar year time frame). Part time students must register for a minimum of one term in three and must successfully		
complete INAF 5016, INAF 5017, INAF 5018 and their economics course requirement within their first 2.5 program credits.		
Credits add up to 5.0 credits		

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