

Department of Intelligence Operations

Bachelor of Applied Science

Intelligence and Information Operations

Catalog Year 2026–27

Below is the advised sequence of courses for this degree program as of 02/26/2026. Official degree requirements and course prerequisites are found in the University General Catalog; prerequisites are subject to change.

 Find out how to use your general electives to earn a minor or certificate!

4-Year Course Sequence

Year 1 — General Education Foundation

Course Number and Title	Units	Prerequisites / Enrollment Requirements
1st Semester		
UNIV 101 Introduction to the General Education Experience	1	
WRIT 101 or 107 or 109H First-Year Composition	3	
General Education Foundation Mathematics	3	
General Education – Exploring Perspectives (Humanist)	3	
General Education – Exploring Perspectives (Artist)	3	
General Elective	3	
Semester Total	16	
2nd Semester		
WRIT 102 or 108 First-Year Composition	3	
General Education – Exploring Perspectives (Natural Scientist)	3	
General Education – Exploring Perspectives (Social Scientist)	3	
General Elective	3	
General Elective	3	
Semester Total	15	

Year 2 — Language & Connections

Course Number and Title	Units	Prerequisites / Enrollment Requirements
3rd Semester		
Second Language: 1st Semester	4	
General Education: Building Connections	3	
General Education: Civics & Institutions	3	
General Elective	3	
General Elective	3	
Semester Total	16	
4th Semester		
Second Language: 2nd Semester	4	
General Education: Building Connections	3	
General Elective	3	
General Elective	3	
General Elective	3	
Semester Total	16	

Year 3 — Core Intelligence Coursework

Course Number and Title	Units	Prerequisites / Enrollment Requirements
5th Semester		
INTV 305 Introduction to Intelligence & Information Operations	3	
INTV 322 Ethical & Legal Foundations	3	
INTV 330 Agentic AI for Intelligence	3	
INTV 350 Intelligence Collection	3	
General Elective	3	
Semester Total	15	
6th Semester		
INTV 335 Data Literacy	3	
INTV 326 Introductory Methods of Intelligence Analysis	3	

Major Emphasis Required Course (1 of 2)	3	
Major Emphasis Required Elective Course (1 of 2)	3	
General Elective	3	
Semester Total	15	

Year 4 — Advanced Coursework & Capstone

Course Number and Title	Units	Prerequisites / Enrollment Requirements
7th Semester		
INTV 459 ISR Synchronization	3	
INTV 458 Advanced Sensing	3	
INTV 450 Information Warfare	3	
Major Emphasis Required Course (2 of 2)	3	
Major Emphasis Required Elective Course (2 of 2)	3	
Semester Total	15	
8th Semester		
INTV 498 Senior Capstone	3	Prerequisite: INTV 459
UNIV 301 General Education Portfolio	1	
General Elective	3	
General Elective	3	
General Elective	3	
General Elective*	1–3	*if 15 units needed for enrollment
Semester Total	13	
Degree Total	120	

Major Emphasis Options

Students complete 12 units in one of the following emphasis areas. Required courses must be taken; remaining units are filled with approved electives from the selected emphasis.

Operational Intelligence Emphasis

Course Number and Title	Term Taken	Units	Prerequisites / Enrollment Requirements
Operational Intelligence Emphasis – 12 units			
INTV 353 Geospatial Intelligence (GEOINT)	6th Sem	3	
INTV 354 Principles of Open-Source Intelligence	6th or 7th Sem	3	
INTV 430 Multi-agent AI for Intelligence Operations	6th or 7th Sem	3	
INTV 455 Target Centric Analysis	7th Sem	3	Prerequisite: INTV 326
Alternate Courses		12	
INTV 351 Signals Intelligence and Electronic Warfare	6th Sem	3	
INTV 352 Human Intelligence (HUMINT)	6th Sem	3	
INTV 427 Intelligence Support to Targeting	7th Sem	3	

Information Warfare Emphasis

Course Number and Title	Term Taken	Units	Prerequisites / Enrollment Requirements
Information Warfare Emphasis – 12 units			
INTV 354 Principles of Open-Source Intelligence	6th or 7th Sem	3	
INTV 377 Psychological Operations	6th Sem	3	
INTV 430 Multi-agent AI for Intelligence Operations	6th or 7th Sem	3	
INTV 437 Deception, Counterdeception & Counterintelligence	7th Sem	3	
Alternate Courses		12	
INTV 351 Signals Intelligence & Electronic Warfare	6th or 7th Sem	3	
CYBR 481 Social Engineering Attacks and Defenses	6th or 7th Sem	3	

Law Enforcement Intelligence Emphasis

Course Number and Title	Term Taken	Units	Prerequisites / Enrollment Requirements
Law Enforcement Intelligence Emphasis – 12 units			
INTV 354 Principles of Open-Source Intelligence	6th or 7th Sem	3	
INTV 401 Law Enforcement Intelligence	6th or 7th Sem	3	
INTV 402 Transnational Crime and Human Smuggling	6th or 7th Sem	3	

INTV 403 Crime Scene Investigation and Forensics	6th or 7th Sem	3	
Alternate Courses		12	
INTV 430 Multi-agent AI for Intelligence Operations	6th or 7th Sem	3	

Signals Intelligence & Electronic Warfare Emphasis

Course Number and Title	Term Taken	Units	Prerequisites / Enrollment Requirements
Signals Intelligence & Electronic Warfare Emphasis – 12 units			
INTV 351 Signals Intelligence and Electronic Warfare	7th Sem	3	
INTV 430 RF Multi-agent AI for Intelligence Operations	6th or 7th Sem	3	
INTV 460 RF Digital Signal Processing	6th or 7th Sem	3	
INTV 465 RF Reverse Engineering	6th or 7th Sem	3	
Alternate Course		12	
INTV 354 Principles of Open-Source Intelligence	6th or 7th Sem	3	

Note: This document reflects the advised course sequence for the BAS in Intelligence and Information Operations for Catalog Year 2026–27. Enrollment requirements and prerequisites are subject to change. Always consult the University General Catalog and your academic advisor for official requirements.