

B.A.S. – Intelligence and Information Operations

Catalog Year 2025-26

Below is the *advised sequence* of courses for this degree program as of 1/16/2025.

Official degree requirements and course prerequisites are found in the University General Catalog; prerequisites are subject to change.

Course Number and Title	Units	Prerequisites/Enrollment Requirements
1st Semester		
UNIV101 Introduction to the General Education Experience	1	
ENGL 101 or 107 or 109H First-Year Composition	3	
General Education Foundation Mathematics - MATH 107	3	MATH 107 is recommended /Appropriate Math Placement
General Education - Exploring Perspectives (Humanist)	3	
General Education - Exploring Perspectives (Artist)	3	
General Elective	3	
Semester Total	16	
2nd Semester		
ENGL 102 or 108 First-Year Composition	3	ENGL 101 or ENGL 107
General Education - Exploring Perspectives (Natural Scientist)	3	
General Education - Exploring Perspectives (Social Scientist)	3	
General Elective	3	
General Elective	3	
Semester Total	15	
3rd Semester		
Second Language: 1st Semester	4	
†General Education: Building Connections	3	
†General Education: Building Connections	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	

*Students should work closely with their academic advisor to select General Education: Building Connections courses; some course work in the major, such as the CE 301 course, may also fulfill General Education: Building Connections requirements.

Grade of 'C' or better is recommended for all IIO curriculum except General Education classes.

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

Course Number and Title	Units	Comments
5th Semester		
INTV 305 Introduction to Intelligence & Information Operations	3	
GPSV 301 American Political Ideas	3	
CE 301 Technical Communications or General Elective	3	
INTV 350 Intelligence Collection	3	
General Elective	3	
Semester Total	15	
6th Semester		
BASV 314 Mathematics for Applied Science	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	
7th Semester		
INTV 459 ISR Synchronization	3	
CYBV 329 Cyber Ethics	3	
CYBV 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	
<i>General Elective*</i>	<i>1-3</i>	<i>*if 15 units are needed for enrollment</i>
Semester Total	13	
Degree Total	120	

Course Number and Title	Typical Term Taken	Units	Prerequisites/Enrollment Requirements
Operational Intelligence Emphasis – 12 units			
INTV 353 Geospatial Intelligence (GEOINT)	6	3	
INTV 455 Target Centric Analysis	7	3	Prerequisite: INTV 326
Operational Intel Emphasis Elective – Choose 1 from: CYBV 351 CYBV 354, CYBV 473, CYBV 474, CYBV 479, CYBV 496, ECE 340A, INTV 352, INTV 356, INTV 427, INTV 493, INTV 496, RNR 335	6	3	
Operational Intel Emphasis Elective – Choose 1 from: CYBV 351 CYBV 354, CYBV 473, CYBV 474, CYBV 479, CYBV 496, ECE 340A, INTV 352, INTV 356, INTV 427, INTV 493, INTV 496, RNR 335	7	3	
		12	
Information Warfare – 12 units			
INTV 377 Psychological Operations	6	3	
CYBV 437 Deception, Counter deception & Counterintelligence	7	3	
Information Warfare Emphasis Elective – Choose 1 from: CYBV 351, CBV 354, CYBV 435, CYBV 436, CYBV 440, CYBV 441, CYBV 475, CYBV 496, INTV 352, INTV 356, INTV 493, INTV 496	6	3	
Information Warfare Emphasis Elective – Choose 1 from: CYBV 351, CBV 354, CYBV 435, CYBV 436, CYBV 440, CYBV 441, CYBV 475, CYBV 496, INTV 352, INTV 356, INTV 493, INTV 496	7	3	
		12	
Law Enforcement Intelligence – 12 units			
CYBV 381 From Incident Response to Digital Forensics	6	3	Fall Only
INTV 401 Law Enforcement Intelligence	7	3	
LEI Emphasis Elective – Choose 1 from: CYBV 354, CYBV 382, CYBV 383, CYBV 388, CYBV 435, CYBV 436, CYBV 440, CYBV 441, CYBV 477, CYBV 496, GPSV 313, GPSV 388, GPSV 442, GPSV 461, GPSV 496, INTV 356, INTV 427, INTV 474, INTV 493, INTV 496, LASV 388	6	3	
LEI Emphasis Elective – Choose 1 from: CYBV 354, CYBV 382, CYBV 383, CYBV 388, CYBV 435, CYBV 436, CYBV 440, CYBV 441, CYBV 477, CYBV 496, GPSV 313, GPSV 388, GPSV 442, GPSV 461, GPSV 496, INTV 356, INTV 427, INTV 474, INTV 493, INTV 496, LASV 388	7	3	
		12	
Signals Intelligence & Electronic Warfare – 12 units			
CYBV 326 - Introductory Methods of Network Analysis	6	3	
CYBV 479 - Wireless Networking and Security	7	3	Prerequisite: CYBV 326
INTV 460 - RF Digital Signal Processing	6	3	Fall Only
INTV 465 - RF Reverse Engineering	7	3	Prerequisite: INTV 460

