

Cyber Defense & Analysis

Bachelor's Degree Program (BDP)

Prerequisite Coursework

Applicants may be admitted to the CyDA BDP after successfully completing the following prerequisites, each with a grade of "C" or better:

1. San Diego City College's A.S. Cybersecurity, or equivalent (if transferring from another college, each course in City College's A.S. must be accounted for);
2. MATH 119 - Elementary Statistics or equivalent;
3. CISC 246 - Discrete Mathematics for Computer Science or equivalent;
4. ENGL 205 - Critical Thinking and Intermediate Composition or equivalent;
5. Credit for a prior learning assessment, military transcript evaluation, and/or professional license or certification review (if applicable, may be accepted for course credit upon approval of the program director);

General education requirements must meet one of the following general education options:

1. California State University General Education (CSUGE)* Breadth pattern, or
2. Intersegmental General Education Transfer Curriculum (IGETC)* pattern listed on pages ###-### of the college catalog;

Notes:

1. Additional coursework may be required based on current curriculum content.
2. Certain prerequisites may be completed during the summer or junior semester-one upon approval from the program director.

General Education Information

The IGETC pattern is accepted by all CSU campuses and most UC campuses and majors. It is also accepted by some private/ independent or out of state universities.

The CSU GE pattern is accepted by all CSU campuses and some private/independent or out of state universities. It is not accepted by the UC system.

It is strongly recommended that students consult with a counselor to determine which general education option is most appropriate for their individual educational goals.

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A.S. Cybersecurity Coursework sans GE

FULL-TIME (2-Year)

YEAR1(FA)	YEAR1(SP)	YEAR2(FA)	YEAR2(SP)
INWT 100	CISC 179 (SU Option)	INWT 170	INWT 125
INWT 101	INWT 120	INWT 145	INWT 200
MATH 119 (R'QD B.S.)	INWT 140	CISC 246 (R'QD B.S.)	
10 Units	11 Units	10 Units	7 Units

Course #	Course Name	Units
CISC 179	Intro to Python Programming	4
CISC 246	Discreet Mathematics for Computer Science	3
INWT 100	Computing Fundamentals (A+)	4
INWT 101	Intro to Information Security	3
INWT 120	Network Fundamentals (Network+)	4
INWT 125	Cloud+ Certification Training	3
INWT 140	Security Fundamentals	3
INWT 145	Linux Administration (Linux+)	4
INWT 170	Network Defense & Countermeasures (CySA+)	3
INWT 200	Ethical Hacking & PenTesting	4
MATH 119	Elementary Statistics	3