

# Cyber Defense & Analysis

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## Bachelor's Degree Program (BDP)

### Prerequisite Coursework (Prospective Sophomores, Juniors, & Other Degree Holders)

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. COMS 160; or ENGL C1001 (formerly ENGL 205); or HIST 205; or PHIL 205; or equivalent;
3. 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. SDCCD General Education and District Requirements plus six additional units selected from general education Area 1B-Area 6 (1 unit lab excluded). See District Requirements and General Education Requirements (Option 1) of the catalog.
2. California General Education Transfer Curriculum (Cal-GETC). See General Education Requirements in the Transfer Guide of the catalog (Option 6).
3. SDCCD General Education plus six additional units selected from Area 1B-Area 6 (1 unit lab excluded). See District General Education Requirements (Option 4) of the 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.
3. It is strongly recommended that students consult with a counselor to determine which general education option is most appropriate for their individual educational goals.

**\*\*\*Incoming Freshman (no prior college credit) should apply to the full four-year program using the special bachelor's program application.**

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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 146	INWT 201
STATS (R'QD B.S.)	INWT 140	DISCRETE (R'QD B.S.)	CT/WR (R'QD B.S.)
10 Units	11 Units	9 Units	9 Units

Course #	Course Name	Units
<a href="#">CISC 179</a>	Intro to Python Programming	4
<a href="#">CISC 246</a>	Discrete Mathematics for Computer Science	3
Or <a href="#">MATH 245</a>	Discrete Mathematics	3
<a href="#">COMS 160</a>	Argumentation and Critical Thinking	3
Or <a href="#">ENGL C1001</a>	Critical Thinking and Writing	3
Or <a href="#">HIST 205</a>	Methodology and Practice in History	3
Or <a href="#">PHIL 205</a>	Critical Thinking and Writing in Philosophy	3
<a href="#">INWT 100</a>	Computing Fundamentals (A+)	4
<a href="#">INWT 101</a>	Intro to Information Security	3
<a href="#">INWT 120</a>	Network Fundamentals (Network+)	4
<a href="#">INWT 125</a>	Cloud Architecture (Cloud+)	3
<a href="#">INWT 140</a>	Security Fundamentals	3
<a href="#">INWT 146</a>	Linux Administration (Linux+)	3
<a href="#">INWT 170</a>	Network Defense & Countermeasures (CySA+)	3
<a href="#">INWT 201</a>	Ethical Hacking & PenTesting	3
<a href="#">BUSE 115</a>	Statistics for Business	3
Or <a href="#">POLI 201</a>	Elementary Statistics for Political Science	3
Or <a href="#">PSYC 258</a>	Behavioral Science Statistics	3
Or <a href="#">STAT C1001</a>	Elementary Statistics	3