



Chart your course to graduation and sail to success!



Student Name & Student ID Number

A.A.S. IN CYBER SECURITY FOUR SEMESTER PLAN, NO SUMMER SEMESTER

<i>Fall Semester</i> Course Suggestion	Hours	Grade
ENG 101 - English Composition 1	3	
MTH 110/MTH 112 - Finite Math/Pre-calculus Algebra	3	
ORI 105 - Orientation and Student Success	3	
CIS 150 - Intro to Computer Logic and Programming	3	
CIS 146 - Microcomputer Applications	3	
OAD 101 - Beginning Keyboarding	3	
<i>Spring Semester</i> Course Suggestion	Hours	Grade
BUS 215 Business Communications or ENG 102 - English Composition 2	3	
Fine Arts Elective: ART 100 or MUS 101 - Art Appreciation or Music Appreciation	4	
CIS171 Linux 1	3	
CIS185 Computer Ethics	3	
CIS 245 Cyber Defense	3	
CIS 149 Introduction to Computers	3	
<i>Fall Semester</i> Course Suggestion	Hours	Grade
CIS277 Network Services Admin. (Network +)	3	
CIS211 Information Assurance	3	
CIS 268 Software Support	3	
CIS 269 Hardware Support	3	
PSY 200/SOC 200 - Introduction to Psychology or Introduction to Sociology	3	
SPH 106/107 - Fundamentals of Oral Communication/Fundamentals of Public Speaking	3	
<i>Spring Semester</i> Course Suggestion	Hours	Grade
CIS 270 Cisco I - Term 1 Course	3	
CIS 271 Cisco II - Term 2 Course	3	
CIS Elective	3	
CIS Elective	3	
CIS Elective	3	

When Registering:

If you cannot register for one of the courses listed in your degree plan substitute a course from another semester.

Please see your advisor for a list of courses that will satisfy your CIS Elective requirements.

YOU'RE HALF WAY!

Meet with your advisor for assistance with choosing your electives.

**REMEMBER
TO APPLY FOR
GRADUATION!**

Congratulations!

You've finished!



Please see your advisor to discuss and choose electives that will best suit your needs.

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Population (millions)	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5
GDP (trillion USD)	45.0	48.0	51.0	54.0	57.0	60.0	63.0	66.0	69.0	72.0	75.0	78.0	81.0	84.0	87.0	90.0	93.0	96.0	99.0	102.0	105.0
Life expectancy (years)	75.0	75.5	76.0	76.5	77.0	77.5	78.0	78.5	79.0	79.5	80.0	80.5	81.0	81.5	82.0	82.5	83.0	83.5	84.0	84.5	85.0
Urban population (%)	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0	72.0	73.0	74.0	75.0
Renewable energy (%)	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.0
CO2 emissions (Gt)	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
Forest cover (%)	31.0	31.5	32.0	32.5	33.0	33.5	34.0	34.5	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5	41.0
Healthcare expenditure (GDP %)	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8	9.0
Internet usage (%)	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0	98.0	100.0	100.0	100.0	100.0
Gender inequality index	0.60	0.58	0.56	0.54	0.52	0.50	0.48	0.46	0.44	0.42	0.40	0.38	0.36	0.34	0.32	0.30	0.28	0.26	0.24	0.22	0.20
Urban air quality index	65.0	68.0	71.0	74.0	77.0	80.0	83.0	86.0	89.0	92.0	95.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Renewable energy investment (Bn USD)	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0
Healthcare workforce (per 1,000)	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5
Renewable energy capacity (GW)	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0	240.0	250.0	260.0	270.0	280.0	290.0	300.0
Healthcare expenditure (Bn USD)	2.25	2.49	2.73	2.97	3.21	3.45	3.69	3.93	4.17	4.41	4.65	4.89	5.13	5.37	5.61	5.85	6.09	6.33	6.57	6.81	7.05
Renewable energy capacity (GW)	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0	240.0	250.0	260.0	270.0	280.0	290.0	300.0
Healthcare expenditure (Bn USD)	2.25	2.49	2.73	2.97	3.21	3.45	3.69	3.93	4.17	4.41	4.65	4.89	5.13	5.37	5.61	5.85	6.09	6.33	6.57	6.81	7.05
Renewable energy capacity (GW)	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0	240.0	250.0	260.0	270.0	280.0	290.0	300.0
Healthcare expenditure (Bn USD)	2.25	2.49	2.73	2.97	3.21	3.45	3.69	3.93	4.17	4.41	4.65	4.89	5.13	5.37	5.61	5.85	6.09	6.33	6.57	6.81	7.05

CIS 111- Word Processing Applications	CIS 196- Commercial Software Applications	CIS 270- CISCO CCNA I
CIS 113- Spreadsheet Software Applications	CIS 203- Introduction to the Information Highway	CIS 271 - CISCO CCNA II
CIS 115 - Presentation Graphics Software Applications	CIS 207 - Web Development	CIS 272 - Cisco CCNA III
CIS 117 - Database Management Software Applications	CIS 210 - Case Study in Computer Skills Application	CIS 273 - Cisco CCNA IV
CIS 130 - Introduction to Information Systems	CIS 212 - Visual Basic Programming	CIS 275 - Workstation Administration
CIS 146 - Microcomputer Applications	CIS 214 - Security Analyst (Pen Testing)	CIS 276 - Server Administration
CIS 149 - Introduction to Computers	CIS 223 - Three-Dimensional Computer Modeling	CIS 277 - Network Services Administration
CIS 150 - Introduction to Computer Logic and Programming	CIS 224 - Three-Dimensional Computer Animation	CIS 279 - Network Infrastructure Design
CIS 151 - Graphics for the World Wide Web	CIS 245 - Cyber Defense	CIS 280 - Network Security
CIS 153 - Introduction to Unity 3D Scripting	CIS 249 - Microcomputer Operating Systems	CIS 282 - Computer Forensics
CIS 155 - Introduction to Mobile App Development	CIS 250 - E-Commerce	CIS 284 - CIS Internship
CIS 160 - Multimedia for the World Wide Web	CIS 251 - C++ Programming	CIS 291 - Case Study in Computer Science
CIS 171 - Linux	CIS 268 - Software Support	CIS 294 - Special Topics
CIS 185 - Computer Ethics	CIS 269 - Hardware Support	CIS 299 - Directed Studies in Computer Science