



Cybersecurity Focus Check Sheet

AAS Degree - 63 Semester Credits

Full-Time (Day and Online)

Fall Semester Start

Fall Semester		Cr
<input type="checkbox"/>	BSAD1010 Microsoft Applications I from GELO #6	3.0
<input type="checkbox"/>	INFO1151 IT Fundamentals	3.0
<input type="checkbox"/>	INFO1171 PC Operating Systems (Co: BSAD1010)	3.0
<input type="checkbox"/>	INFO1214 Programming Concepts (Co: 1151, 1171)	2.0
<input type="checkbox"/>	INFO1281 Networking Concepts (Co: 1151, 1171)	2.0
		13.0

Spring Semester		Cr
<input type="checkbox"/>	INFO1448 HW & Windows Mgt (Pre: 1151, 1171, 1281; Co: MATH)	3.0
<input type="checkbox"/>	INFO1491 Net Security Fund (Pre: 1151, 1171, 1281; Co: 1448, ELEC2760)	3.0
<input type="checkbox"/>	INFO1492 Linux Admin (Pre: 1151, 1171, 1281; Co: ELEC2760)	4.0
<input type="checkbox"/>	ELEC2760 Introduction to Networks	3.0
<input type="checkbox"/>	Math Choice of MATH1040 or higher from GELO #5	3.0
		16.0

Summer Term		Cr
<input type="checkbox"/>	INFO1494 Windows Server Admin (Pre: 1448, MATH; Co: ELEC2760)	3.0
<input type="checkbox"/>	English Choice from GELO #2	3.0
		6.0

Fall Semester		Cr
<input type="checkbox"/>	INFO1411 Database Concepts (Pre: 1151, 1171, BSAD1010)	3.0
<input type="checkbox"/>	INFO2555 PowerShell Fund (Pre: 1151, 1171, 1214, 1448)	2.0
<input type="checkbox"/>	INFO2581 Network Security Systems (Pre: 1491, 1494, ELEC2760)	3.0
<input type="checkbox"/>	INFO2586 Security Op & Ethics (Pre: 1214; Co: 1411, 2581)	2.0
<input type="checkbox"/>	ELEC2761 Routing & Switching (Pre: ELEC2760)	3.0
<input type="checkbox"/>	Speech Choice from GELO #1	3.0
		16.0

Spring Semester		Cr
<input type="checkbox"/>	INFO2575 Virtualization Mgt (Pre: 1494, ELEC2760)	2.0
<input type="checkbox"/>	INFO2596 Computer & Digital Forensics (Pre: 2581)	2.0
<input type="checkbox"/>	INFO2691 Security Capstone (Pre: 2581, 2586; Co: 2596)	3.0
<input type="checkbox"/>	INFO Advisor approved elective	2.0
<input type="checkbox"/>	Gen Ed Choice from GELO #3 or GELO #4	3.0
		12.0

Total Credits 63.0

Spring Semester Start

Spring Semester		Cr
<input type="checkbox"/>	BSAD1010 Microsoft Applications I from GELO #6	3.0
<input type="checkbox"/>	INFO1151 IT Fundamentals	3.0
<input type="checkbox"/>	INFO1171 PC Operating Systems (Co: BSAD1010)	3.0
<input type="checkbox"/>	INFO1214 Programming Concepts (Co: 1151, 1171)	2.0
<input type="checkbox"/>	INFO1281 Networking Concepts (Co: 1151, 1171)	2.0
		13.0

Summer Term		Cr
<input type="checkbox"/>	INFO1448 HW & Windows Mgt (Pre: 1151, 1171, 1281; Co: MATH)	3.0
<input type="checkbox"/>	Math Choice of MATH1040 or higher from GELO #5	3.0
		6.0

Fall Semester		Cr
<input type="checkbox"/>	INFO1491 Net Security Fund (Pre: 1151, 1171, 1281; Co: 1448, ELEC2760)	3.0
<input type="checkbox"/>	INFO1492 Linux Admin (Pre: 1151, 1171, 1281; Co: ELEC2760)	4.0
<input type="checkbox"/>	INFO1494 Windows Server Admin (Pre: 1448, MATH; Co: ELEC2760)	3.0
<input type="checkbox"/>	ELEC2760 Introduction to Networks	3.0
<input type="checkbox"/>	English Choice from GELO #2	3.0
		16.0

Spring Semester		Cr
<input type="checkbox"/>	INFO1411 Database Concepts (Pre: 1151, 1171, BSAD1010)	3.0
<input type="checkbox"/>	INFO2555 PowerShell Fund (Pre: 1151, 1171, 1214, 1448)	2.0
<input type="checkbox"/>	INFO2581 Network Security Systems (Pre: 1491, 1494, ELEC2760)	3.0
<input type="checkbox"/>	INFO2586 Security Op & Ethics (Pre: 1214; Co: 1411, 2581)	2.0
<input type="checkbox"/>	ELEC2761 Routing & Switching (Pre: ELEC2760)	3.0
<input type="checkbox"/>	Speech Choice from GELO #1	3.0
		16.0

Fall Semester		Cr
<input type="checkbox"/>	INFO2575 Virtualization Mgt (Pre: 1494, ELEC2760)	2.0
<input type="checkbox"/>	INFO2596 Computer & Digital Forensics (Pre: 2581)	2.0
<input type="checkbox"/>	INFO2691 Security Capstone (Pre: 2581, 2586; Co: 2596)	3.0
<input type="checkbox"/>	INFO Advisor approved elective	2.0
<input type="checkbox"/>	Gen Ed Choice from GELO #3 or GELO #4	3.0
		12.0

Total Credits 63.0

Prerequisite and Co-requisite courses are shown in parentheses. Prerequisites must be taken **BEFORE** you can enroll in a specified course; co-requisites can be taken **BEFORE OR AT THE SAME TIME**. A grade of C or higher is required for all INFO prerequisites and co-requisites. A grade of D is acceptable in courses from the GELO requirements. If you do not successfully complete certain courses as listed in the sequencing, it may take additional terms to complete the degree.

“Advisor approved elective” can be any INFO course (except INFO1005) not listed as a requirement in the focus.

General Education (GELO) Courses

GELO #1 Oral Communication

SPCH1090 Fundamentals of Human Communication
SPCH1110 Public Speaking
SPCH2810 Business & Professional Communication

GELO #2 Written Communication

ENGL1010 English Composition I
ENGL1010H Composition I Honors
ENGL1110 Business Communication

GELO #3 Critical Thinking and Problem Solving

(Note the same MATH course cannot count in GELO #5 and GELO#3)

ARTS1010 Introduction to the Visual Arts
ANTH1120 General Anthropology
BIOS1010 General Biology
BIOS1140 Human Anatomy & Lab
BIOS2130 Human Physiology & Lab
BIOS2250 Human Anatomy & Physiology I
BIOS2460 Microbiology
BSAD2540 Principles of Management
CHEM1050 Chemistry & the Citizen
ECON1200 Personal Finance
ECON2110 Principles of Macroeconomics
ECON2120 Principles of Microeconomics
ENGR1020 MATLAB Programming & Problem Solving
ENTR1050 Introduction to Entrepreneurship
GEOG1020 World Regional Geography
GEOG1400 Human Geography
GEOL1010 Physical Geology
GEOL1060 Environmental Geology
HIST2010 American History I
HIST2020 American History II
HIST2100 World History to 1500 CE
HIST2110 World History since 1500 CE
HUMS1100 Introduction to Humanities
MATH1020 Technical Math
MATH1300 Precalculus
MATH1400 Applied Calculus
MATH1600 Analytic Geometry & Calculus I
MATH2030 Contemporary Mathematics
MUSC1010 Introduction to Music (Music Appreciation)
PHED1000 Lifetime Wellness
PHIL1010 Introduction to Philosophy
PHIL1060 Applied Ethics
PSYC1810 Introduction to Psychology

PHYS1017 Technical Physics
PHYS1030 Astronomy
PHYS1100 Physical Science
PHYS1150 Descriptive Physics
PHYS1410 Elementary General Physics I
PHYS2110 General Physics I
POLS1000 American Government
POLS1080 Introduction to Political Science
SOC1010 Introduction to Sociology
SOC1020 Diversity in Society
THEA1010 Introduction to Theatre

GELO #4 Global Awareness and Citizenship

ANTH1120 General Anthropology
ARTS1010 Introduction to Visual Arts
CHIN1010 Beginning Chinese I
ECON2110 Principles of Macroeconomics
GEOG1020 World Regional Geography
GERM1010 Beginning German I
HIST2100 World History to 1500 CE
HIST2110 World History since 1500 CE
HUMS1100 Introduction to Humanities
MUSC2800 Introduction to World Music
PHIL/RELS2610 Comparative Religions
POLS1000 American Government
POLS1080 Introduction to Political Science
POLS1600 International Relations
SIGN1010 Beginning American Sign Language I
SOC1010 Introduction to Sociology
SOC1020 Diversity in Society
SOC12150 Issues of Unity & Diversity
SPAN1010 Beginning Spanish I
SPCH2110 Intercultural Communication

GELO #5 Analytical, Quantitative and Scientific Reasoning

MATH1040 Business Math
MATH1050 Thinking Mathematically
MATH1100 Intermediate Algebra
OR higher-level math based on placement test scores:
MATH1150, MATH1200, MATH1300, MATH1400, MATH1600,
MATH/BSAD2170

GELO #6 Career and Life Skills

BSAD1010 Microsoft Applications I