University of North Georgia

Strategic and Security Studies - Cybersecurity Concentration

Name: ID#: Catalog: Grad. Semester:

Institutional Priority (7 hrs.)

Course	Sem.	Hrs.	Grd.
Modern Lang.*		4	
Global		3	

**Modern language courses at the 1001 and 1002 level are 4 credit hours.*
***HIST 1112 recommended for Global Course*

Mathematics & Quantitative Skills* (3 hrs.)

Math			3	

**Complete by 30 hours.*

Political Science and U.S. History (3 hrs.)

Citizenship			3	

Arts, Humanities, and Ethics (6 hrs.)

Lit or Lang.			3	
Fine Arts/Phil.			3	

Communicating in Writing* (6 hrs.)

English 1101	ENGL 1101		3	
English 1102	ENGL 1102		3	

**A grade of C or higher is required.*
**Complete by 30 hours.*

Technology, Mathematics, & Sciences (11 hrs.)

Lab Science			4		
Lab Science			4		
Math & Tech.			3		

**CSCI 1301 recommended here.*

Social Sciences (6 hrs.)

Behavioral Sci.			3	
Social Science			3	

**HIST 1112 recommended if not taken as Global Course*

Field of Study (18 hrs.)

Modern Language 2001		3	
Modern Language 2002		3	
Select One		3	
POLS 1101-American Gov't		3	
POLS 2401-Global Issues		3	
Select One		3	

Major Courses (21 hrs.)

Course	Sem.	Hrs.	Grd.
HIST 3001-American Military History		3	
HIST 3002-War and Society		3	
POLS 4320-International Relations Theory		3	
POLS 3202-Intro Strategic/Security Studie		3	
POLS 4202-Comparative Security Issues		3	
POLS 4245-US National Security Policy		3	
GEOG 3010-Military Geography		3	

Cybersecurity Concentration (21 hrs.)

CSCI 3050-Information Security		3	
CSCI 3250-Computer Security		3	
CSCI 3350-Computer Forensics		3	
CSCI 4650-Network Security		3	
Select One		3	
Select One		3	
Select One		3	

Study Abroad*/International Internship** (6 hrs.)

		3	

**At least 6 credit hours are required for Study Abroad. Students who Study Abroad must have 3 hours at the 3/4000 level with 3 additional hours taken within the degree requirements completed while studying in country abroad.*
***International Internships are at least 6 credit hours. Minimum of 48 hours required prior to internship.*

Additional Requirements (9 hrs.)

Select One		3	
Select One		3	
Select One		3	

Electives (6 hrs.)

		3	
		3	

Comments:

Graduation Requirements:

- ☐ US History
- ☐ US Constitution
- ☐ 39 Hours at 3/4000 Level
- ☐ GA History
- ☐ GA Constitution
- ☐ 30 Residency Hours
- ☐ Minimum 2.0 Institutional & Cumulative GPA
- ☐ Minimum 60 Core Hours & 120 Semester Hours
- ☐ 21 Hours at the 3000/4000 Level in Major

Military Science - Cadets Only

Course	Hrs.	Chk.	Course	Hrs.	Chk.
MILS 1000/1005	2/1		MILS 3000/3005	3/1	
MILS 1100/1105	2/1		MILS 3100/3105	3/1	
MILS 2000/2005	2/1		MILS 4000/4005	3/1	
MILS 2100/2105	2/1		MILS 4100/4105	3/1	

PME Requirement for Contracting Cadets

Course	Sem.	Hrs.	Grd.
Choose one, if not taken elsewhere		3	

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UNIVERSITY OF NORTH GEORGIA CORE IMPACTS

Courses may have prerequisites or registration restrictions. Review course descriptions in the Academic Catalog before registering.
Courses may appear in multiple areas, but cannot be applied to more than one area.

INSTITUTIONAL PRIORITY (7 HOURS)

MODERN LANGUAGE (3-4 HOURS). CHOOSE ONE:

Any Non-English Language at the 1001, 1002, 2001, or 2002 Level		3-4

GLOBAL (3-4 HOURS). CHOOSE ONE OR TWO:

ANTH 1102	Introduction to Anthropology	3
CGLO 1503	Contemporary Global Topics	3
COMM 1503	Intercultural Communication	3
DVRS 1503	Studies in Diversity Issues	3
ENGL 2111	World Literature I	3
ENGL 2112	World Literature II	3
ENGL 2160	Multicultural American Literature	3
ENST 2030	Environmental Studies & Sustainability	3
GEOG 1101	Introduction to Human Geography	3
GEOG 1102	World Regional Geography	3
HIST 1111	World History I	3
HIST 1112	World History II	3
HIST 2860/RELG 2860	History of World Religions	3
INED 2902/2903	Special Topics in International Perspectives	2-3
PHIL 2200	Ethics from a Global Perspective	3
POLS 1153	Global Citizenship	3
POLS 2301	Introduction to Comparative Politics	3
POLS 2401	Global Issues	3
SOCI 1160	Introduction to Social Problems	3

MATHEMATICS & QUANTITATIVE SKILLS (3 HOURS)

MATHEMATICS (3 HOURS). CHOOSE ONE:

MATH 1001	Quantitative Skills & Reasoning	3
MATH 1101	Mathematical Models	3
MATH 1111	College Algebra	3
MATH 1113	Pre-Calculus	3
MATH 1450 (1501)	Calculus I *(1 hour can be used elsewhere)*	4

MATH 1111 or higher required for Nursing majors.
MATH 1111 recommended for Business majors (required for BBA degrees).
MATH 1113 or 1450 required for BIOL, CHEM, CSCI, MATH, REP, PHYS majors.

POLITICAL SCIENCE AND U.S. HISTORY (3 HOURS)

CITIZENSHIP (3 HOURS). CHOOSE ONE:

HIST 2111	U.S. History I	3
HIST 2112	U.S. History II	3
POLS 1101	American Government	3

ARTS, HUMANITIES, & ETHICS (6 HOURS)

LITERATURE OR LANGUAGE (3 HOURS). CHOOSE ONE:

Any Non-English Language at the 2001 or 2002 Level		3
ENGL 2111	World Literature I	3
ENGL 2112	World Literature II	3
ENGL 2115	Gender and Literature	3
ENGL 2121	British Literature I	3
ENGL 2122	British Literature II	3
ENGL 2131	American Literature I	3
ENGL 2132	American Literature II	3
ENGL 2143	African American Literature	3
ENGL 2145	Native American Literature	3
ENGL 2150/MDST 2150	Literature and Film	3
ENGL 2160	Multicultural American Literature	3
ENGL 2165	Survey of Latina/o U.S. Literature	3

A "C" or higher in ENGL 1102 is a prerequisite for ENGL 21XX & MDST 2150.

FINE ARTS OR PHILOSOPHY (3 HOURS): CHOOSE ONE:

ART(S) 1100	Art Appreciation	3
ART 2510	Introduction to Art History I	3
ART 2520	Introduction to Art History II	3
COMM 1110	Public Speaking	3
COMM 2050	Media, Culture, and Society	3
MDST 1110	Film Appreciation	3
MUSC 1100	Music Appreciation	3
PHIL 2010	Introduction to Philosophy	3
PHIL 2200	Ethics from a Global Perspective	3
THEA 1100	Theatre Appreciation	3

COMMUNICATING IN WRITING (6 HOURS)

WRITING (6 hours). TAKE BOTH:

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3

Note: A "C" or better is required in both ENGL 1101 & ENGL 1102.

TECHNOLOGY, MATHEMATICS, & SCIENCES (11 HOURS)

SCIENCE (8 HOURS). CHOOSE TWO:

STEM MAJORS: CHOOSE TWO, IN A SEQUENCE. NON-SCIENCE MAJORS: CHOOSE ANY TWO.

ASTR 1010/L	Astronomy of the Solar System and Lab	4
ASTR 1020/L	Stellar and Galactic Astronomy and Lab	4
BIOL 1012K	Introduction to Biology II and Lab	4
BIOL 1101K/1011K	Biology: A Human Perspective/Intro. to Biology I and Lab	4
BIOL 1102K	Introduction to Ecology and Lab	4
BIOL 1107K	Principles of Biology I and Lab	4
BIOL 1108K	Principles of Biology II and Lab	4
BIOL 1260K	Environmental Sciences and Lab	4
CHEM 1151/L (1151K)	Survey of Chemistry I and Lab	4
CHEM 1152/L (1152K)	Survey of Chemistry II and Lab	4
CHEM 1211/L (1211K)	Principles of Chemistry I and Lab	4
CHEM 1212/L (1212K)	Principles of Chemistry II and Lab	4
ENVS 2111K	Physical Environmental Science and Lab	4
ENVS 2112K	Environmental Mgmt. & Sustainability and Lab	4
GEOG 1111K	Introduction to Physical Geography and Lab	4
GEOG 1112/L	Introduction to Weather & Climate and Lab	4
GEOG/GEOL 1530K	Introduction to Oceanography and Lab	4
GEOL 1101K	Survey of Geology and Lab	4
GEOL 1121K	Physical Geology and Lab	4
GEOL 1122K	Historical Geography and Lab	4
PHYS 1111/L (1111K)	Introductory Physics I and Lab	4
PHYS 1112/L (1112K)	Introductory Physics II and Lab	4
PHYS 2211/L (2211K)	Principles of Physics I and Lab	4
PHYS 2212/L (2212k)	Principles of Physics II and Lab	4

MATHEMATICS AND TECHNOLOGY (3 HOURS). CHOOSE ONE:

MATH 1113	Pre-Calculus	3
MATH 1401	Elementary Statistics	3
MATH 1450 (1501)	Calculus I *(1 hour can be used elsewhere)*	4
MATH 2040	Brief Calculus	3
MATH 2460	Calculus II *(1 hour can be used elsewhere)*	4
MATH 2510	Introduction to Discrete Mathematics	3
CSCI 1250	Information Technologies *(non-STEM majors)*	3
CSCI 1301 (1301K)	Computer Science I	4
CSCI 1371	Computing for Scientists and Engineers *(students in physics or engineering programs)*	4
DATA 1501	Intro to Data Science *(non-STEM majors)*	3
GISC 2011/L	Geographic Information Science and Lab	3

SOCIAL SCIENCES (6 HOURS)

BEHAVIORAL SCIENCE (3 HOURS). CHOOSE ONE:

ANTH 1102	Introduction to Anthropology	3
ECON 1101	Economics of Financial Literacy	3
ECON 2105	Principles of Macroeconomics	3
PSYC 1101	Introduction to Psychology	3
SOCI 1101	Introduction to Sociology	3

SOCIAL SCIENCE (3 HOURS). CHOOSE ONE:

ENST 2030	Environmental Studies & Sustainability	3
GEOG 1101	Introduction to Human Geography	3
GEOG 1102	World Regional Geography	3
HIST 1111	World History I	3
HIST 1112	World History II	3
HIST 2111	U.S. History I	3
HIST 2112	U.S. History II	3
POLS 1101	American Government	3
POLS 2301	Introduction to Comparative Politics	3

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Notes

- Students pursuing a Bachelor's degree are encouraged to begin taking 3/4XXX level courses once they have met the prerequisites to do so.
- IMPACTS courses can be taken in any order and/or can be taken later to allow students to take major courses sooner.
- All students must complete Writing and Math IMPACTS requirements within the first 30 credit hours.
- A "C" or better grade is required in ENGL 1101 and ENGL 1102.
- Check all courses for prerequisites to ensure eligibility to enroll.
- Minimum 120 hrs. required to complete a Baccalaureate degree.
- Minimum institutional GPA and overall GPA of 2.0 required for graduation. Specific majors and degrees may have higher GPA requirements for graduation.

Major Information

Field of Study Notes (18 hours): A grade of C or better is required for all POLS courses.
INTL 1001/2001 may be used as part of a study abroad experience.

Common Curriculum Notes (21 hours):
POLS 1101 and 2401 are prerequisites for upper level POLS courses.

Electives Notes (6 hours):
All Concentrations: If either MLAN 1001 or MLAN 1002 is used in Area B, the other should be used as an elective.

Concentration Notes (21 hours): No grade below "C" will be acceptable in any Political Science or International Affairs course or any course in the major area for Political Science, Strategic & Security Studies, or International Affairs majors.
3 hrs of CSCI 3050
3 hrs of CSCI 3250
3 hrs of CSCI 3350
3 hrs of CSCI 4650
3 hrs of (CRJU 4325, MATH 3540, CSCI 3xxx-4xxx)
6 hrs of (CSCI 4900, CSCI 4910, CYBR 4910, MLAN 3xxx/4xxx, INTL 3xxx\4xxx, CRJU 4325, MATH 3540, CSCI 3xxx-4xxx)

All SSST majors are required to complete at least 6 credit hours of an international internship and/or a study abroad program, three of which must be at the 3000 or 4000 level completed while abroad. A student's international internship must be coordinated within their concentration and have completed a minimum of 48 credit hours prior to an internship. A student's study abroad program can include courses from the following list of 3000 or 4000 level courses :
• 3xxx/4xxx MLAN non-English language course
• 3xxx/4xxx CRJU course
• 3xxx/4xxx HIST course
• 3xxx/4xxx INTL course
• 3xxx/4xxx MILS course
• 3xxx/4xxx POLS course

These courses are permissible for students as long as they are part of a recognized UNG-sanctioned study abroad program, or an international internship, which has been approved by the SSST coordinator. The Political Science & International Affairs Department Head can give exceptions to this policy at their discretion.

The Strategic and Security Studies program focuses on broad topics related to national security interests where international relations theory, intelligence and military power inform the construction of national security policy. This interdisciplinary program includes courses from the following areas: Intelligence, Geospatial Intelligence, Military Science, Critical Languages, History, International Affairs and Cyber-Security. Through this interdisciplinary program students will be introduced to various aspects of security and will have the opportunity to specialize in one of the seven areas of concentration for the degree. As part of this program students are expected to participate in a study abroad experience of at least 25 days in country generating at least 6 hours of academic credit or an international internship of 240 work hours in country to satisfy the international experiential requirement of the SSST major.