

College of Liberal Arts and Human Sciences (CLAHS)  
Department of Political Science  
Integrated Security Minor: General Security, Securing Cyber, and Human Security Tracks  
Checksheet for Students Graduating in Calendar Year 2021

Name: \_\_\_\_\_

Email: \_\_\_\_\_

Major: \_\_\_\_\_

PLEASE NOTE: THERE ARE 3 OPTIONS TO CHOOSE FROM IN THE INTEGRATED SECURITY PATHWAYS MINOR. ALL STUDENTS IN ALL 3 OPTIONS WILL TAKE THE INTRODUCTORY AND CAPSTONE COURSES TOGETHER. **TRACKS ARE DENOTED BELOW BY A – GENERAL SECURITY TRACK, B – SECURING CYBER TRACK, C – HUMAN SECURITY TRACK**

Also note: no more than 50% of the graded course credit hours required for the Minor in Integrated Security may be double-counted by a student also enrolled in his/her major.

**A minimum of 18-21 hours depending on minor track listed below: [Pathways courses are indicated and marked with an \*] [Courses with prerequisites are marked with #]**

**I. Introductory Course (3 credits hours)**

**Introductory Course:** \*BIT/CS/PSCI 2164: Foundations of Contemporary Security Environments (Quantitative & Computational Thinking (5f)), Reasoning in the Social Sciences; Intercultural/Global Awareness)

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**II. Middle Courses (12-15 credit hours)**

**A. General Security Track – One Course from Each Block (12 credit hours)**

**Block 1**

- \*CS 1014: Introduction to Computational Thinking (Quant & Comp (5f))
- CS 1054: Introduction to Programming in Java
- CS 1064: Introduction to Programming in Python
- CS 1114: Introduction to Software Design
- \*SOC/HD 2104: Quantitative Approaches to Community Research (Quant & Comp (5f))
- \*STS/HIST/SOC: 2604 Introduction to Data in Social Context (Humanities)
- \*HD 3024: Community Analytics (Advanced/Applied Quant & Comp)

- \*BIT 4604: Data Governance, Privacy, and Ethics (Humanities)#

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**Block 2 (Human Security)**

- \*HIST 1354: Conflict and Security in Modern East Asia (Humanities / Social Science)
- \*PSVP/SOC 2044: Peace and Violence (Social Science)
- PSCI/IS 3104: Security Studies: Theories and Concepts

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- PSCI/IS 3114: Global Security#
- PSCI/IS 3134: Global Conflict and War
- PSCI/IS 3184: Human Security#
- HIST 3714: War and Medicine
- BIT 4604: Data Governance, Privacy, and Ethics

**Block 3 (Cybersecurity)**

- ECE 2174: Principles of Computer Systems
- \*HIST 2716: History of Technology (Social Science)
- PSCI /IS 3044: The Politics of Internet Governance#
- PSCI/IS 3054: The Dark Web and Threat Analysis
- PSCI/IS 4074: The Politics of Cybersecurity#
- \*FIN 4014 Cyberlaw (Social Science)
- BIT 4614: Information Security#
- ECE 4560: Computer and Network Security Fundamentals#
- \*CRIM 4474: Cyber Criminology (Social Science)#
- CS 4264: Principles of Computer Security#

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**Block 4 (Environmental Security)**

- \*AAEC 1264: Peace Economics (Social Science)
- \*AAEC 3324: Environment Sustain Development Econ (Soc Sci/Identity & Equity)
- \*GEOS 1034: Earth's Natural Hazards (Natural Sciences)#
- \*GEOG/WATR 2004: Water, Environment (Social Sciences)
- GEOG/IS/PSCI 2034: Geography of Global Conflict
- \*GEOG 3104: Environmental Problems (Social Sciences)
- PSCI 3344: Global Environmental Issues
- \*STS 2454: Science, Technology, and Environment (Humanities)

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**B. Securing Cyber Track – One Course from Each Block (12 credit hours)**

**Block 1 (Cybersecurity Infrastructure)**

- \*CS 1014: Introduction to Computational Thinking (Quant & Comp Thinking (5f))
- CS 1064: Introduction to Programming in Python
- CS 1054: Introduction to Programming in Java
- CS 1114: Introduction to Software Design

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**Block 2 (Cybersecurity and Society)**

- \*CRIM 4474: Cyber Criminology (Social Science; Ethical Reasoning)
- GEOG/IS/PSCI 2034: Geography of Global Conflict
- \*HIST/STS 2716: History of Technology (Social Sciences)

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- PSCI/IS 3054: The Dark Web and Threat Analysis
- PSCI/IS 4074: The Politics of Cybersecurity#

**Block 3 (Cybersecurity Risk and Governance)**

- \*FIN 4014: Cyberlaw and Policy ( Social Sciences, Ethical)
- \*BIT 4604: Data Governance, Privacy, and Ethics# (Humanities, Ethical Reasoning)
- BIT/ACIS 4554: Networks and Telecommunications in Business#
- BIT 4614: Information Security#
- ECE 4560: Computer and Network Security Fundamentals#
- BIT 4624: Cybersecurity Analytics for Business#
- CS 4264: Principles of Computer Security#

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**Block 4 (One additional course from any of the above blocks in the Securing Cyber Track)**

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**C. Human Security Track – (9 Credit Hours from Block 1, 6 Credit hours from block 2)**

**Block 1 (Foundations of Human Security)**

- \*GEOG/IS/PSCI 2054: Introduction to World Politics (Reasoning in the Social Sciences)
- \*PHIL 2304: Global Ethics (Critical Thinking in the Humanities, Ethics)
- IS/PSCI 3184: Human Security#

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**Block 2 (Exploring Human Security)**

- AAEC 1264: Peace Economics
- \*PSVP/SOC 2044: Peace and Violence
- GEOG 2034: Geography of Global Conflict
- SOC 3004: Social Inequality#
- IS/PSCI 3104: Security Studies: Theories and Concepts
- IS/PSCI 3114: Global Security
- IS/PSCI 3134: Global Conflict and War
- IS/PSCI 3154: Topics in Global Public Policies
- IS/PSCI 3175: Global Development
- PSCI/UAP 3344: Global Environmental Issues
- IS/PSCI 3634: Human Rights
- HIST 3714: War and Medicine
- IS/PSCI 4024: Seminar: Diplomacy and Security
- SOC/PSVP 4444: Schools, Violence and Justice

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**III. Capstone Course (3 credits hours)**

- \*BIT/CS/PSCI 4164: Future of Security (Discourse A, Ethics)

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**GENERAL SECURITY TRACK NOTES:**

- One course in addition to the two required courses must be a designated Pathways course that meets a third Pathways objective.  
Example: If Foundations of Security is taken as a Pathways Computational Thinking course, and Security Solutions is taken as a Discourse Pathways course, then the student must choose his or her third Pathways course from the selected courses that meets a third Pathways objective such as Reasoning in the Social Sciences, Critical Thinking in the Humanities, etc.
- In addition to the *Future of Security* course, 3 credit hours must be taken at the 3000/4000 level.
- #Some courses listed on this checksheet have prerequisites; please consult the University Course Catalog, or check with your advisor.
- No more than 50% of courses in the minor can be duplicated in the major.

**SECURING CYBER TRACK NOTES:**

- One course in addition to the two required courses must be a designated Pathways course that meets a third Pathways objective.  
Example: If Foundations of Security is taken as a Pathways Computational Thinking course, and Security Solutions is taken as a Discourse Pathways course, then the student must choose his or her third Pathways course from the selected courses that meets a third Pathways objective such as Reasoning in the Social Sciences, Critical Thinking in the Humanities, etc.
- #Some courses listed on this checksheet have prerequisites, please consult the University Course Catalog, or check with your advisor.
- No more than 50% of courses can count towards the student's major.

**HUMAN SECURITY TRACK NOTES:**

- One elective must be taken at the 3000/4000 level.
- #Some courses listed on this checksheet have prerequisites; please consult the University Course Catalog, or check with your advisor.
- No more than 50% of the courses may be duplicated in the major

**Declaring a Minor and Advising:**

- Declare the Integrated Security Pathways Minor-Human Security Track in the IS-DA Minor advising offices, 527A & B, Major Williams Hall.
- Include the minor information when updating your application for a degree.
- See an advisor in Political Science during pre-registration.
- Once a minor is declared, a student cannot graduate until she or he has either satisfied the requirements for the minor or withdrawn from the minor by notifying the IS-DA academic advisors in 527A & B in Major Williams Hall, AND revised her or his DARS.