

SECURITY AND RISK ANALYSIS, B.S. (INFORMATION SCIENCES AND TECHNOLOGY)

Begin Campus: Any Penn State Campus

End Campus: University Park

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2021-22 academic year. To access previous years' suggested academic plans, please visit the archive (<https://bulletins.psu.edu/undergraduate/archive/>) to view the appropriate Undergraduate Bulletin edition (*Note: the archive only contain suggested academic plans beginning with the 2018-19 edition of the Undergraduate Bulletin*).

Intelligence Analysis and Modeling: Security and Risk Analysis, B.S. at University Park Campus

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
SRA 111 ^{*#}	3 SRA 211 ^{*#}	3
IST 110 ^{*#}	3 CAS 100 [†]	3
ENGL 15, 30H, or ESL 15 [†]	3 ECON 102, 104, or AGBM 101	3
IST 140, CMPSC 101, or CMPSC 121 ^{*#}	3 MATH 22, 26, 40, 41, 110, or 140	3-5
General Education Course (GN, GA, GH, or GHW)	3 General Education Course (GN, GA, GH, or GHW)	3
	15	15-17

Second Year

Fall	Credits Spring	Credits
SRA 221 [*]	3 SRA 231 [*]	3
STAT 200 [‡]	4 PSYCH 100 or SOC 5	3
SRA 268 [*]	3 IST 210 [*]	3
PLSC 1, 14, or GEOG 128	3 US or IL or Elective	3
Supporting Course	3 Supporting Course	3
	16	15

Third Year

Fall	Credits Spring	Credits Summer	Credits
SRA 311 [*]	3 SRA 468 [*]	3 IST 495 ^{*1}	1
SRA 365 or STAT 460 [*]	3 ENGL 202C or 202D [†]	3	
US or IL or Elective	3 IST 432 [*]	3	
Supporting Course	3 General Education Course (GN, GA, GH, or GHW)	3	
General Education Course (GN, GA, GH, or GHW)	3 General Education Course (GN, GA, GH, or GHW)	3	
	15	15	1

Fourth Year

Fall	Credits Spring	Credits
IST 452 [*]	3 SRA 433 [*]	3
SRA 421 [*]	3 SRA 440W [*]	3
400 Level Support of Option	3 Support of Option	3
General Education Course (GN, GA, GH, or GHW)	3 General Education Course (GN, GA, GH, or GHW)	3
General Education Course (GN, GA, GH, or GHW)	3 Elective	1
	15	13

Total Credits 120-122

* Course requires a grade of C or better for the major

‡ Course requires a grade of C or better for General Education

Course is an Entrance to Major requirement

† Course satisfies General Education and degree requirement

¹ 1 credit of IST 495 is required. A grade of C or better must be earned in this course. This requirement can be completed at any time before graduation.

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy University Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

GWS, GQ, GHW, GN, GA, GH, and GS are abbreviations used to identify General Education program courses. General Education includes Foundations (GWS and GQ) and Knowledge Domains (GHW, GN, GA, GH, GS, and Integrative Studies). Foundations courses (GWS and GQ) require a grade of 'C' or better.

Integrative Studies courses are required for the General Education program. N is the suffix at the end of a course number used to designate an Inter-Domain course and Z is the suffix at the end of a course number used to designate a Linked course.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and replace both ENGL 30H and CAS 100. Each course is 3 credits.

Information and Cyber Security Option: Security and Risk Analysis, B.S. at University Park Campus

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First Year

Fall	Credits Spring	Credits
SRA 111 ^{*#}	3 SRA 211 ^{*#}	3
IST 110 ^{*#}	3 CAS 100 [†]	3
ENGL 15, 30H, or ESL 15 [†]	3 ECON 102	3
IST 140 or CMPSC 101 ^{*#}	3 World Language Level 2	4
World Language Level 1	4 General Education Course (GN)	3
16		16

Second Year

Fall	Credits Spring	Credits
SRA 221 [*]	3 SRA 231 [*]	3
STAT 200 [†]	4 PSYCH 100 or SOC 5	3
World Language Level 3	4 IST 210 [*]	3
IST 220 [*]	3 General Education Course (GN) Elective	3 1
14		13

Third Year

Fall	Credits Spring	Credits Summer	Credits
SRA 311 [*]	3 ENGL 202C or 202D [†]	3 IST 495 ^{*1}	1
SRA 365 or STAT 460 [*]	3 IST 432 [*]	3	
GEOG 40, PLSC 1, or PLSC 14	3 IST 451 [*]	3	
International Course (IL)	3 Support of Option	3	
General Education Course (GA)	3 General Education Course (GA)	3	
15		15	1

Fourth Year

Fall	Credits Spring	Credits
IST 456 [*]	3 IST 440W or SRA 440W [*]	3
General Education Course (GH)	3 IST 454 [*]	3

Support of Option	3 Support of Option 400 Level	3
General Education Course (GHW)	3 General Education Course (GH) or US Culture or Elective	3
General Education Course (GN)	3 International Course (IL)	3
15		15

Total Credits 120

- * Course requires a grade of C or better for the major
- † Course requires a grade of C or better for General Education
- # Course is an Entrance to Major requirement
- † Course satisfies General Education and degree requirement
- ¹ 1 credit of IST 495 is required. A grade of C or better must be earned in this course. This requirement can be completed at any time before graduation.

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