

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

**Begin Campus:** Any Penn State Campus

**End Campus:** University Park, World Campus

## Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2024-25 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.

### Intelligence Analysis and Modeling Option: 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 <sup>*#</sup>	3 SRA 211 <sup>*#</sup>	3
IST 110 <sup>*#</sup>	3 CAS 100 <sup>‡</sup>	3
ENGL 15, 30H, or ESL 15 <sup>‡</sup>	3 ECON 102, 104, or AGBM 101	3
IST 140 <sup>*#</sup>	3 MATH 22, 26, 40, MATH 41, MATH 110, or MATH 140	3-5
General Education Course (GN, GA, GH, or GHW)	3 General Education Course (GN, GA, GH, or GHW)	3
<b>15</b>		<b>15-17</b>

#### Second Year

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

#### Third Year

Fall	Credits Spring	Credits Summer	Credits
SRA 311W <sup>*</sup>	3 SRA 468 <sup>*</sup>	3 IST 495 <sup>*1</sup>	1
SRA 365 or STAT 460 <sup>*</sup>	3 ENGL 202C or 202D <sup>‡</sup>	3	
US or IL or Elective	3 IST 432 <sup>*</sup>	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	
<b>15</b>		<b>15</b>	<b>1</b>

#### Fourth Year

Fall	Credits Spring	Credits
IST 452 <sup>*</sup>	3 SRA 433 <sup>*</sup>	3
SRA 421 <sup>*</sup>	3 SRA 440W <sup>*</sup>	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
<b>15</b>		<b>13</b>

#### 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

<sup>1</sup> 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 Cultural Diversity 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.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain

attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

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 satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

**Advising Notes:**

For current Supporting Courses and Related Areas list see department website (<https://ist.psu.edu/current/undergraduate/major-requirements/sra/>).

## 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 <sup>*#</sup>	3 SRA 211 <sup>*#</sup>	3
IST 110 <sup>*#</sup>	3 CAS 100 <sup>‡</sup>	3
ENGL 15 or 30H <sup>†</sup>	3 ECON 102	3
IST 140 <sup>*#</sup>	3 MATH 22, 26, 40, MATH 41, MATH 110, or MATH 140 (GQ)	3-5
General Education (GN, GA, GH or GHW)	3 General Education (GN, GA, GH or GHW)	3
<b>15</b>		<b>15-17</b>

### Second Year

Fall	Credits Spring	Credits
SRA 221 <sup>*</sup>	3 SRA 231 <sup>*</sup>	3
STAT 200 <sup>‡</sup>	4 PSYCH 100 or SOC 5 (GS)	3
IST 220 <sup>*</sup>	3 IST 210 <sup>*</sup>	3
GEOG 128, PLSC 1, or PLSC 14 (GS)	3 US or IL or Elective	3
Supporting Course from Department List	3 Supporting Course from Department List	3
<b>16</b>		<b>15</b>

### Third Year

Fall	Credits Spring	Credits Summer	Credits
SRA 311 <sup>*</sup>	3 IST 432 <sup>*</sup>	3 IST 495 <sup>*1</sup>	1
SRA 365 <sup>*</sup>	3 IST 451 <sup>*</sup>	3	
Supporting Course from Department List	3 ENGL 202C or 202D <sup>‡</sup>	3	
International Course (IL)	3 General Education Course (GA, GH, or GHW)	3	
General Education Course (GA)	3 Elective	3	
<b>15</b>		<b>15</b>	<b>1</b>

### Fourth Year

Fall	Credits Spring	Credits
IST 456 <sup>*</sup>	3 SRA 440W <sup>*</sup>	3

400 level Supporting Course from Department List	3 IST 454 <sup>*</sup>	3
General Education Course (GA, GH, or GHW)	3 General Education Course (GA, GH, or GHW)	3
General Education Course (GA, GH, or GHW)	3 General Education Course (GA, GH, or GHW)	3
Elective	3 Elective	1
<b>15</b>		<b>13</b>

### Total Credits 120-122

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