SECURITY AND RISK ANALYSIS, B.S. (CAPITAL)

Begin Campus: Any Penn State Campus

End Campus: Harrisburg

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).

Information & Cyber Security Option: Security and Risk Analysis, B.S. at Harrisburg 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

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>SRA 111*</td>
<td>3</td>
<td>SRA 211*</td>
<td>3</td>
</tr>
<tr>
<td>IST 110†</td>
<td>3</td>
<td>IST 210*</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 15 or 30H‡</td>
<td>3</td>
<td>CAS 100†</td>
<td>3</td>
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<tr>
<td>IST 140, CMPSC 101, or CMPSC 121*</td>
<td>3 MATH 22</td>
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General Education Course

3 General Education Course

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Second Year

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<th>Fall</th>
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<th>Spring</th>
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<tbody>
<tr>
<td>SRA 221*</td>
<td>3</td>
<td>SRA 231*</td>
<td>3</td>
</tr>
<tr>
<td>STAT 200†</td>
<td>4</td>
<td>ECON 102 or 104†</td>
<td>3</td>
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<td>IST 220*</td>
<td>3</td>
<td>PSYCH 100 or SOC 5</td>
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General Education Course

3 General Education Course

Elective

3 Elective

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Third Year

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<th>Fall</th>
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<th>Spring</th>
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<tbody>
<tr>
<td>SRA 311*</td>
<td>3</td>
<td>ENGL 202C or 202D‡</td>
<td>3 IST 495*</td>
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<tr>
<td>SRA 365 or STAT 460†</td>
<td>3</td>
<td>IST 451, 454, or 456†</td>
<td>3</td>
</tr>
<tr>
<td>Support of Option</td>
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<tr>
<td>General Education</td>
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<td>General Education</td>
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Fourth Year

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<th>Credits</th>
<th>Spring</th>
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<tbody>
<tr>
<td>IST 451, 454, or 456†</td>
<td>3</td>
<td>IST 440W†</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
<td>IST 451 or IST 454 or IST 456†</td>
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<tr>
<td>Support of Option</td>
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<td>Support of Option</td>
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</tr>
<tr>
<td>General Education</td>
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<td>General Education</td>
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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

IST 495 - Internship, supervised work experience where the student is employed in an Information Science and Technology position in Industry, Government or Academia. SRA Students are required to complete one internship but may complete three. For more information, contact IST Internship Coordinator, Jane Kochanov at jxs121@psu.edu.

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, GH, GN, GA, GS, and GS are abbreviations used to identify General Education program courses. General Education includes Foundations (GWS and GQ) and Knowledge Domains (GH, 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.

Advising Notes
• 1 Credit of IST 495* - Internship is required.
• 30 Credits of GA, GH, GHW, GN, GS to include 6 Integrative Studies credits.
• 15 Credits of GQ, and GWS require a grade of "C" or better.

Program Notes
• SRA/IST courses are only offered once per year.
• SRA Internship: (1) Supervised work experience where the student is employed in an information science and technology position in industry, government or academia. SRA students are required to complete one internship, but may complete three. For more information, contact IST Internship Coordinator, Jane Kochanov at jxs121@psu.edu.
• Students who plan to apply for the National Security Agency Certifications must complete all required courses. No substitutions or transfer credits are permitted.
• Students must complete a 3-credit course in "United States Cultures (US)" and a 3-credit course in "International Cultures (IL)."
• Students in the Security and Risk Analysis (SRACA_BS) major are expected to complete 24 credits of upper level course work in the major and the senior capstone course for the major at Penn State Harrisburg. This is in compliance with Faculty Senate Policy 83-80.5.

Supporting Course List:
Business: ACCTG 211*, IST 301*, IST 302*, MGMT 100

Communications: COMM 180, COMM 479* COMM 484*, COMM 489W*, COMM 490*


Ethics: PHIL 103*, PHIL 119, PHIL 407*, PHIL 418*

Geography: GEOG 361*, GOEG 362*, GOEG 363*


Military Studies: AIR 151, AIR 351, AIR 352, AIR 451, ARMY 101, ARMY 102, ARMY 301, ARMY 402, NAVSC 101, NAVSC 204, NAVSC 311, NAVSC 402

Please be mindful of course prerequisites, as indicated with a single asterisk (*).

Courses taken to satisfy the SRA major requirements for GEOG/PL SC (GEOG 40 OR PLSC 001/014) and PSYCH/SOC (PSYCH 100 or soc 5) cannot be used as a Support of Option course as indicated with a double asterisk (**).