

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

Begin Campus: Any Penn State Campus

End Campus: Altoona

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2023-24 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 contains suggested academic plans beginning with the 2018-19 edition of the Undergraduate Bulletin*).

Information and Cyber Security Option: Security and Risk Analysis, B.S. at Altoona 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 |
|---|--|-----------|
| IST 140, CMPSC 101, or CMPSC 131 ^{*#1,2} | 3 SRA 211 ^{*#} | 3 |
| SRA 111 (GS) ^{*#1} | 3 MATH 22, 26, 40, 41, 110, or 140 (GQ) [†] | 3 |
| IST 110 [*] | 3 General Education Course (GN, GA, GH, GS, or GHW) | 3 |
| ENGL 15 or 30H (GWS) [†] | 3 CAS 100 (GWS) [†] | 3 |
| General Education Course (GN, GA, GH, GS, or GHW) | 3 ECON 102, 104, or AGBM 101 (GS) | 3 |
| PSU 3 | 1 | |
| | 16 | 15 |

Second Year

| Fall | Credits Spring | Credits |
|---|-----------------------------------|-----------|
| SRA 221 [*] | 3 SRA 231 [*] | 3 |
| STAT 200 (GQ) [†] | 4 PSYCH 100 or SOC 5 [†] | 3 |
| IST 220 ^{*1} | 3 IST 210 ^{*#} | 3 |
| GEOG 128, PLSC 1, or PLSC 14 [†] | 3 US or IL | 3 |
| Support of Option | 3 Support of Option | 3 |
| | 16 | 15 |

Third Year

| Fall | Credits Spring | Credits |
|---|---|---------|
| IST 451 [*] | 3 IST 454 [*] | 3 |
| SRA 365 or STAT 460 ^{*3} | 3 SRA 311W [*] | 3 |
| Support of Option | 3 ENGL 202C or 202D (GWS) [†] | 3 |
| General Education Course (GN, GA, GH, GS, or GHW) | 3 General Education Course (GN, GA, GH, GS, or GHW) | 3 |

| | | |
|---|------------|-----------|
| General Education Course (GN, GA, GH, GS, or GHW) | 3 US or IL | 3 |
| | 15 | 15 |

Fourth Year

| Fall | Credits Spring | Credits |
|---|---|-----------|
| IST 432 [*] | 3 SRA 440W [*] | 3 |
| IST 456 [*] | 3 Support of Option 400 Level | 3 |
| General Education Course (GN, GA, GH, GS, or GHW) | 3 General Education Course (GN, GA, GH, GS, or GHW) | 3 |
| General Education Course (GN, GA, GH, GS, or GHW) | 3 General Education Course (GN, GA, GH, GS, or GHW) | 3 |
| Elective | 3 Elective | 3 |
| | 15 | 15 |

Total Credits 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 IST/SRA/CYBER course offered both fall and spring semesters at Altoona. Otherwise, IST/SRA/CYBER courses are only offered once per academic year.

² CMPSC 101 is not recommended.

³ STAT 460 is no longer offered at Altoona.

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.

Advising Notes:

- 1 credit of IST 495 Internship is also required