

ENTERPRISE TECHNOLOGY INTEGRATION, 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 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*).

Enterprise Technology Integration, 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

| Fall | Credits Spring | Credits |
|---|----------------------------|-----------|
| HCDD 113, CYBER 100, or IST 110 ^{*#} | 3 IST 210 ^{*#} | 3 |
| IST 140 ^{*#} | 3 IST 242 ^{*#} | 3 |
| MATH 110 or 140 (GQ) [†] | 4 CAS 100 (GWS) | 3 |
| ENGL 15, 30H, or ESL 15 (GWS) [†] | 3 ECON 102 or 104 | 3 |
| General Education Course | 3 General Education Course | 3 |
| | 16 | 15 |

Second Year

| Fall | Credits Spring | Credits |
|--------------------------|--|-----------|
| IST 220 ^{*#} | 3 IST 256 [*] | 3 |
| IST 230 [*] | 3 Business Fundamental Course ¹ | 3 |
| ACCTG 211 | 4 Application Focus Selection | 3 |
| General Education Course | 3 STAT 200 (GQ) ^{*†#} | 4 |
| Elective | 3 General Education Course | 3 |
| | 16 | 16 |

Third Year

| Fall | Credits Spring | Credits Summer | Credits |
|--------------------------------|-------------------------------|------------------------|----------|
| ETI 300W [*] | 3 IST 301 [*] | 3 IST 495 [*] | 1 |
| HCDD 264 [*] | 3 IST 302 [*] | 3 | |
| SCM 301 | 3 ETI 461 [*] | 3 | |
| General Education Course | 3 Application Focus Selection | 3 | |
| ENGL 202C or 202D [†] | 3 General Education Course | 3 | |
| | 15 | 15 | 1 |

Fourth Year

| Fall | Credits Spring | Credits |
|-----------------------------|-------------------------------|-----------|
| IST 420 [*] | 3 IST 421 [*] | 3 |
| IST 402 or 423 [*] | 3 ETI 435 or 463 [*] | 3 |
| Application Focus Selection | 3 Application Focus Selection | 3 |
| General Education Course | 3 General Education Course | 3 |
| General Education Course | 3 Elective | 3 |
| | 15 | 15 |

Total Credits 124

* 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 Business Fundamental Course List: FIN 301, MKTG 301, MGMT 301, BA 243

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:

- 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:

- ETI / IST courses are only offered once per year.
- IST 495 Internship: (1) Supervised work experience where the student is employed in a position related to the student's major. An internship is typically completed the summer after the junior year, but it may be completed at any time during the student's academic career. Students are required to complete one internship but may complete three. A grade of C or better must be earned in this course. For more information, contact your academic adviser.
- Students must complete a 3-credit course in "United States Cultures (US)" and a 3-credit course in "International Cultures (IL)."
- Students in the Information Sciences and Technology (ISSCA_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.

Application Focus Areas:

- Select 12 credits from a single Application Focus course listing. These are listings maintained by the department as support of major courses. At least three (3) credits must be at the 400 level. Students may also complete a custom Application Focus course sequence with approval from an academic advisor and an ETI teaching faculty member. Students may want to consider choosing courses that also fulfill US and/or IL requirements.
- **University Park Business Competency (complete the Smeal College Business Fundamentals Certificate)**
 - In addition to meeting all other requirements of the certificate, select 12 credits from the list below to complete all 15 credits of the Smeal Certificate in conjunction with the ETI Degree's requirements:
 - BA 301
 - BA 303
 - BA 304
 - Select 3 credits from:
 - BLAW 243
 - IB 303
 - Note 1: This option does not require 3-credits of 400-level courses as part of the application focus.
 - Note 2: 2+2 students are encouraged to take these courses while at University Park.
- **Application Development**
 - Select 12 credits from below, with at least three (3) credits at the 400 level:
 - Any 200-400 level HCDD Course
 - IST 261
 - IST 311
 - IST 361

- IST 411
- IST 412
- IST 413

• **Cybersecurity**

- Select 12 credits from below, with at least three (3) credits at the 400 level:
 - SRA 111
 - SRA 221
 - CYBER 262
 - Any CYBER course at the 300- or 400-level
 - IST 451
 - IST 454
 - IST 456

• **People, Policy and Context**

- Select 12 credits from below, with at least three (3) credits at the 400 level:
 - IST 234N
 - IST 431
 - IST 432
 - IST 452
 - IST 453
 - IST 442
 - SRA 472

• **International and World Cultures**

- Select 12 credits from below, with at least three (3) credits at the 400 level:
 - IST 199
 - IST 299
 - IST 399
 - IST 499
 - IST 445
 - AFR 440

• **ROTC, Intelligence and Cyberwarfare**

- Select 12 credits from below, with at least three (3) credits at the 400 level:
 - Any courses in AIR, NAVSC or ARMY ROTC Programs
 - SRA 211
 - SRA 231
 - SRA 421
 - SRA 450

• **Health Informatics (proposed new focus area)**

- Select 12 credits from below, with at least three (3) credits at the 400 level:
 - HPA 101
 - HPA 210
 - HPA 211
 - HPA 332
 - HPA 470

• **Custom Application Focus**

- There is an option for a student to create a custom 4-course application focus sequence. It must be a coherent sequence of courses that provides context for the student in terms of the Enterprise Technology Integration content. Students can select the custom application focus with approval from an academic

adviser, and courses must be selected in consultation with a faculty member.