ENTERPRISE TECHNOLOGY INTEGRATION, B.S. (INFORMATION SCIENCES AND TECHNOLOGY)

Seven Penn State campuses are scheduled for closure after Spring 2027: DuBois, Fayette, New Kensington, Mont Alto, Shenango, Wilkes-Barre, and York. New students are not being admitted at these campuses.

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 2026-27 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.

Enterprise Technology Integration, 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
IST 140*#[1]	3	IST 242*#[1]	3
ETI 100*	3	ETI 200*	3
MATH 110*‡	4	ECON 102 or 104*	3
ENGL 15 or 30H‡	3	General Education Selection	3
General Education Selection	3	General Education Selection	3
	16		**15**

Second Year

Fall	Credits	Spring	Credits
IST 210*#	3	IST 220*#	3
IST 230*	3	ACCTG 211*	4
IST 256*	3	CAS 100A, 100B, or 100C‡	3
Pick from Smeal College Business Fundamentals Certificate List*	3	STAT 200‡#	4
General Education Selection	3		
	15		**14**

Third Year

Fall	Credits	Spring	Credits	Summer	Credits
ETI 300W*	3	ETI 302*	3	IST 495*[2]	1
ETI 301*	3	ETI 461*	3		
BA 302*	3	ETI 400 or 423*	3		
ENGL 202C or 202D‡	3	Application Focus Selection[1]	3		
Application Focus Selection[1]	3	General Education Selection[1]	3		
	15		**15**		**1**

Fourth Year

Fall	Credits	Spring	Credits
ETI 420*	3	ETI 421*	3
ETI 435 or 463*	3	Application Focus Selection[1]	3
Application Focus Selection[1]	3	General Education Selection[1]	3
General Education Selection[1]	3	General Education Selection[1]	3
General Education Selection[1]	3	Elective	2
	15		**14**

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] Student can also take CMPSC 121 and CMPSC 122; or CMPSC 131 and CMPSC 132

[2] 1 credit of IST 495 is required. A grade of "SA" must be earned in this course. This course 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.

Application Focus Areas:

- Students pick one of the tracks below or create a custom 4-course application focus. All 12 credits must be in the same application focus area.
- **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
    - HCDD 311
    - HCDD 361
    - HCDD 411
    - HCDD 412
    - HCDD 413
- **Business Competency**
  - Select 12 credits from the courses below:
    - BA 301 or FIN 100 or FIN 301
    - BA 303 or MKTG 221W or MKTG 301 or MKTG 301W
    - BA 304 or MGMT 100 or MGMT 100W or MGMT 301 or MGMT 301W
    - 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: Students are encouraged to take these courses from the Smeal College of Business at University Park.
  - Note 3: One of these courses is required to be taken to satisfy major requirements. The student needs to take the remaining courses on this list to complete the application focus. The student may not double-count these credits as both a requirement of the major and to meet the requirements of the application focus.
  - Note 4: Taking all of the courses listed here, along with BA 302, ECON 102 or ECON 104, a Statistics course, and ACCTG 211 (which are requirements of the ETI major) will meet the requirements for the Smeal Business Fundamentals Certificate.
- **Cybersecurity**
  - Select 12 credits from below, with at least three (3) credits at the 400 level:
    - CYBER 221
    - CYBER 262
    - Any CYBER course at the 300- or 400-level
    - CYBER 451
    - CYBER 454
    - CYBER 456
    - SRA 111
- **International and World Cultures**
  - Select 12 credits from below, with at least three (3) credits at the 400 level:
    - AFR 440
    - IST 199
    - IST 299
    - IST 399
    - IST 445
- **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 442
    - IST 452
    - IST 453
    - SRA 472
- **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
- **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 ETI content. Students can select the custom application focus in consultation with an academic adviser, and courses must be selected in consultation with an ETI teaching faculty member. Students may want to consider choosing courses that also fulfill US and/or IL requirements.