

# ENTERPRISE TECHNOLOGY INTEGRATION, B.S.

**Begin Campus:** Any Penn State Campus

**End Campus:** University Park

## 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*).

### 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 <sup>*#1</sup>	3 IST 242 <sup>*#1</sup>	3
IST 110 or CYBER 100 <sup>*#</sup>	3 IST 220 <sup>*#</sup>	3
CAS 100 <sup>‡</sup>	3 ECON 102 or 104 <sup>*</sup>	3
MATH 110 <sup>*‡</sup>	4 ENGL 15 or 30H <sup>‡</sup>	3
General Education Selection	3 General Education Selection	3
	<b>16</b>	<b>15</b>

#### Second Year

Fall	Credits Spring	Credits
IST 210 <sup>*#</sup>	3 IST 256 <sup>*</sup>	3
IST 230 <sup>*</sup>	3 ACCTG 211 <sup>*</sup>	4
Pick from Smeal College Business Fundamentals Certificate list <sup>*</sup>	3 Application Focus Selection <sup>1</sup>	3
Elective	3 General Education Selection	3
General Education Selection	3 STAT 200 <sup>‡#</sup>	4
	<b>15</b>	<b>17</b>

#### Third Year

Fall	Credits Spring	Credits Summer	Credits
ETI 300W <sup>*</sup>	3 IST 302 <sup>*</sup>	3 IST 495 <sup>*2</sup>	1
IST 301 <sup>*</sup>	3 ETI 461 <sup>*</sup>	3	
BA 302 <sup>*</sup>	3 IST 331 or HCDD 264 <sup>*</sup>	3	
ENGL 202C or 202D <sup>‡</sup>	3 Application Focus Selection <sup>1</sup>	3	
General Education Selection <sup>1</sup>	3 General Education Selection <sup>1</sup>	3	
	<b>15</b>	<b>15</b>	<b>1</b>

#### Fourth Year

Fall	Credits Spring	Credits
IST 420 <sup>*</sup>	3 IST 421 <sup>*</sup>	3
IST 423 or 402 <sup>*</sup>	3 Elective	3
ETI 435, 463, or IST 440W <sup>*</sup>	3 Application Focus Selection <sup>1</sup>	3
Application Focus Selection <sup>1</sup>	3 General Education Selection <sup>1</sup>	3
General Education Selection <sup>1</sup>	3 General Education Selection	1.5
General Education Selection	1.5	
	<b>16.5</b>	<b>13.5</b>

#### 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

<sup>1</sup> Student can also take CMPSC 121 and CMPSC 122; or CMPSC 131 and CMPSC 132

<sup>2</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 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, GHW, GN, GA, GH, and GS are abbreviations used to identify General Education program courses. General Education includes Foundations (GWS and GQ) and Knowledge Domains (GHW, 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.

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 replace both ENGL 30H and CAS 100. 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.
- **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
    - BLAW 243 or 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

#### • 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 with approval from 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.