

# INFORMATION SCIENCES AND TECHNOLOGY, A.S. (BERKS)

**Begin Campus:** Berks

**End Campus:** Berks

## 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*).

### Application Development Option: Information Sciences and Technology, A.S. at Berks 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
ENGL 15 or 30T (GWS) <sup>‡</sup>	3 CAS 100A <sup>*</sup>	3
IST 110, CYBER 100, or SRA 111 <sup>*</sup>	3 IST 220 <sup>*</sup>	3
IST 140 <sup>*</sup>	3 IST 242 (Option Requirement) <sup>*</sup>	3
MATH 21, 22, 26, 110, 140, SCM 200, or STAT 200 (GQ) <sup>‡</sup>	3-4 with: General Education Course (GN or GA or GH or GS)	3
General Education Course (GN or GA or GH or GS)	3 General Education Course (GN or GA or GH or GS)	3
First-Year Seminar (IST 111S recommended)	1	
	<b>16-17</b>	<b>15</b>

#### Second Year

Fall	Credits Spring	Credits
IST 210 <sup>*</sup>	3 ENGL 202C or 202D <sup>*</sup>	3
Option Requirement <sup>*</sup>	3 IST 260W <sup>*</sup>	3
Option Requirement <sup>*</sup>	3 IST 250 or 256 <sup>*</sup>	3
General Education Course (GN or GA or GH or GS)	3 IST 295A, 295B, or 495 <sup>*</sup>	1
General Education (Exploration)	3 Option Requirement <sup>*</sup>	3
	Elective	1
	<b>15</b>	<b>14</b>

**Total Credits 60-61**

- # Course is an Entrance to Major requirement
- † Course satisfies General Education and degree requirement

<sup>1</sup> The following courses are offered Spring Semester only: ENGL 202C, IST 256, IST 260W.

#### 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) and Knowledge Domains (GHW, GN, GA, GH, GS) requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

#### Advising Notes:

- Application Focus Areas (12 credits from each area):
  - Application Development: IST 242, IST 256, IST 261, IST 311, IST 331
  - Business: ACCTG 211, BA 242/BA 243/BA 301/BA 302/BA 303, BLAW 243, FIN 301, ECON 102/ECON 104, MKTG 301, MGMT 301, SCM 301
  - Cybersecurity: SRA 211, CYBER 262, IST 242, SRA 111, SRA 221
  - Custom: A coherent sequence of courses that provides context for the student in terms of IT content.

\* Course requires a grade of C or better for the major  
 ‡ Course requires a grade of C or better for General Education

## Custom Option: Information Sciences and Technology, A.S. at Berks 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
ENGL 15 or 30T (GWS) <sup>‡</sup>	3 CAS 100 <sup>*</sup>	3
IST 110, CYBER 100, or SRA 111 <sup>*</sup>	3 IST 220 <sup>*</sup>	3
IST 140 <sup>*</sup>	3 IST 250 or 256 <sup>*</sup>	3
MATH 21, 22, 26, 110, 140, SCM 200, or STAT 200 (GQ) <sup>‡</sup>	3-4 Option Requirement <sup>*</sup>	3
General Education Course (GN or GA or GH or GS)	3 General Education Course (GN or GA or GH or GS)	3
First-Year Seminar (IST 111S recommended)	1	
	<b>16-17</b>	<b>15</b>

### Second Year

Fall	Credits Spring	Credits
IST 210 <sup>*</sup>	3 ENGL 202C or 202D <sup>*</sup>	3
Option Requirement <sup>*</sup>	3 IST 260W <sup>*</sup>	3
Option Requirement <sup>*</sup>	3 Option Requirement <sup>*</sup>	3
General Education Course (GN or GA or GH or GS)	3 General Education Course (GN or GA or GH or GS)	3
General Education (Exploration)	3 IST 295A, 295B, or 495 <sup>*</sup>	1
	Elective	1
	<b>15</b>	<b>14</b>

### Total Credits 60-61

\* 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> The following courses are offered Spring Semester only: ENGL 202C, IST 256, IST 260W.

### 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) and Knowledge Domains (GHW, GN, GA, GH, GS) requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

### Advising Notes:

- Application Focus Areas (12 credits from each area):
  - Application Development: IST 242, IST 256, IST 261, IST 311, IST 331
  - Business: ACCTG 211, BA 242/BA 243/BA 301/BA 302/BA 303, BLAW 243, FIN 301, ECON 102/ECON 104, MKTG 301, MGMT 301, SCM 301
  - Cybersecurity: SRA 211, CYBER 262, IST 242, SRA 111, SRA 221
  - Custom: A coherent sequence of courses that provides context for the student in terms of IT content.

## Cybersecurity Option: Information Sciences and Technology, A.S. at Berks Campus

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### First Year

Fall	Credits Spring	Credits
ENGL 15 or 30T (GWS) <sup>‡</sup>	3 CAS 100 <sup>*</sup>	3
IST 110, CYBER 100, or SRA 111 <sup>*</sup>	3 IST 220 <sup>*</sup>	3
IST 140 <sup>*</sup>	3 IST 250 or 256 <sup>*</sup>	3
MATH 21, 22, 26, 110, 140, SCM 200, or STAT 200 (GQ) <sup>‡</sup>	3-4 SRA 111 (Option Requirement) <sup>*</sup>	3
General Education Course (GN or GA or GH or GS)	3 General Education Course (GN or GA or GH)	3
First-Year Seminar (IST 111S recommended)	1	
	<b>16-17</b>	<b>15</b>

### Second Year

Fall	Credits Spring	Credits
IST 210 <sup>*</sup>	3 ENGL 202C or 202D <sup>*</sup>	3
Option Requirement <sup>*</sup>	3 IST 260W <sup>*</sup>	3
Option Requirement <sup>*</sup>	3 Option Requirement <sup>*</sup>	3
General Education Course (GN or GA or GH)	3 Elective	3
General Education (Exploration)	3 IST 295A, 295B, or 495 <sup>*</sup>	1
	Elective	1
	<b>15</b>	<b>14</b>

### Total Credits 60-61

\* 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> The following courses are offered Spring Semester only: ENGL 202C, IST 256, IST 260W.

### 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) and Knowledge Domains (GHW, GN, GA, GH, GS) requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

### Advising Notes:

- Application Focus Areas (12 credits from each area):
  - Application Development: IST 242, IST 256, IST 261, IST 311, IST 331
  - Business: ACCTG 211, BA 242/BA 243/BA 301/BA 302/BA 303, BLAW 243, FIN 301, ECON 102/ECON 104, MKTG 301, MGMT 301, SCM 301
  - Cybersecurity: SRA 211, CYBER 262, IST 242, SRA 111, SRA 221
  - Custom: A coherent sequence of courses that provides context for the student in terms of IT content.

## Generalized Business Option: Information Sciences and Technology, A.S. at Berks Campus

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### First Year

Fall	Credits Spring	Credits
ENGL 15 or 30T (GWS) <sup>‡</sup>	3 CAS 100 <sup>*</sup>	3
IST 110, CYBER 100, or SRA 111 <sup>*</sup>	3 ECON 102 or 104 (GS) <sup>†</sup>	3
IST 140 <sup>*</sup>	3 IST 220 <sup>*</sup>	3
MATH 21, 22, 26, 110, 140, SCM 200, or STAT 200 (GQ) <sup>‡</sup>	3-4 IST 250 or 256 <sup>*</sup>	3
General Education Course (GN or GA or GH or GS)	3 Option Requirement <sup>*</sup>	3
First-Year Seminar (IST 111S recommended)	1	
	<b>16-17</b>	<b>15</b>

### Second Year

Fall	Credits Spring	Credits
IST 210 <sup>*</sup>	3 ENGL 202C or 202D <sup>*</sup>	3
Option Requirement <sup>*</sup>	3 IST 260W <sup>*</sup>	3
Option Requirement <sup>*</sup>	3 Option Requirement <sup>*</sup>	3
General Education Course (GN or GA or GH or GS)	3 General Education Course (GN or GA or GH or GS)	3
General Education (Exploration)	3 IST 295A, 295B, or 495 <sup>*</sup>	1
	Elective	1
	<b>15</b>	<b>14</b>

### Total Credits 60-61

\* 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> The following courses are offered Spring Semester only: ENGL 202C, IST 256, IST 260W.

### 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) and Knowledge Domains (GHW, GN, GA, GH, GS) requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

### Advising Notes:

- Application Focus Areas (12 credits from each area):
  - Application Development: IST 242, IST 256, IST 261, IST 311, IST 331
  - Business: ACCTG 211, BA 242/BA 243/BA 301/BA 302/BA 303, BLAW 243, FIN 301, ECON 102/ECON 104, MKTG 301, MGMT 301, SCM 301
  - Cybersecurity: SRA 211, CYBER 262, IST 242, SRA 111, SRA 221
  - Custom: A coherent sequence of courses that provides context for the student in terms of IT content.