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 2022-23 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
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<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENGL 15 or 30T (GWS)†</td>
<td>3</td>
<td>CAS 100 (GWS)‡</td>
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<tr>
<td>IST 110, CYBER 100, HCDD 113, or SRA 111*</td>
<td>3 IST 220*</td>
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Second Year

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<td>IST 210*</td>
<td>3 ENGL 202C or 202D (GWS)‡</td>
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Total Credits 59-61

† Course satisfies General Education and degree requirement

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, GN, GA, GH, and GS are abbreviations used to identify General Education program courses. General Education includes Foundations (GWS and GQ) and Knowledge Domains (GN, GA, GH, and GS). Foundations courses (GWS and GQ) require a grade of ‘C’ or better.

Advising Notes:
• Business Selection Courses (cannot double count with other Additional or Option requirements)
  • ACCTG 211
  • BA 100
  • ECON 102
  • ECON 104
  • MGMT 301
  • MKTG 301
• Networking Selection Courses (cannot double count with other Additional or Option requirements)
  • CYBER 262
  • IST 226
  • IST 451
  • IST 454
• Option Courses:
  • Application Development:
    • Select 12 credits, with at least 3 credits at the 400 level from: IST 261, IST 311, IST 361, IST 411, IST 412, IST 413
  • Business Applications:
    • ACCTG 211
    • Select 3 credits from: FIN 301, MGMT 301, MKTG 301, SCM 301
    • Select 6 credits, with at least 3 credits at the 400 level from: ACCTG, BA, BLAW, EBF, ECON, ENTR, FIN, FINSV, HPA, IB, LER, MIS, MGMT, MKTG, RM, SCM, or STAT
  • Cybersecurity:
    • Select 12 credits, with at least 3 credits at the 400 level from: CYBER 262, IST 451, IST 454, IST 456, SRA 472, or any 300 or 400 level CYBER course.
  • Security and Risk Analysis:
    • Select 12 credits, with at least 3 credits at the 400 level from: SRA 211, SRA 231, SRA 311, SRA 365, IST 432, IST 452, IST 456

* 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
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.

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<td>IST 110, CYBER 100, HCDD 113, or SRA 111 *</td>
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<td>IST 250 *</td>
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<td>General Education Course (GN or GA or GH or GS)</td>
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# Course is an Entrance to Major requirement
† Course satisfies General Education and degree requirement

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, GN, GA, GH, and GS are abbreviations used to identify General Education program courses. General Education includes Foundations (GWS and GQ) and Knowledge Domains (GN, GA, GH, and GS). Foundations courses (GWS and GQ) require a grade of 'C' or better.

Advising Notes:

- Business Selection Courses (cannot double count with other Additional or Option requirements)
  - ACCTG 211
  - BA 100
- ECON 102
- ECON 104
- MGMT 301
- MKTG 301
- Networking Selection Courses (cannot double count with other Additional or Option requirements)
  - CYBER 262
  - IST 226
  - IST 451
  - IST 454
- Option Courses:
  - Application Development:
    - Select 12 credits, with at least 3 credits at the 400 level from: IST 261, IST 311, IST 361, IST 411, IST 412, IST 413
  - Business Applications:
    - ACCTG 211
    - Select 3 credits from: FIN 301, MGMT 301, MKTG 301, SCM 301
    - Select 6 credits, with at least 3 credits at the 400 level from: ACCTG, BA, BLAW, EBF, ECON, ENTR, FIN, FINSV, HPA, IB, LER, MIS, MGMT, MKTG, RM, SCM, or STAT
  - Cybersecurity:
    - Select 12 credits, with at least 3 credits at the 400 level from: CYBER 262, IST 451, IST 454, IST 456, SRA 472, or any 300 or 400 level CYBER course.
  - Security and Risk Analysis:
    - Select 12 credits, with at least 3 credits at the 400 level from: SRA 211, SRA 231, SRA 311, SRA 365, IST 432, IST 452, IST 456
Cybersecurity Option: Information Sciences and Technology, A.S. at Berks Campus

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• MGMT 301
• MKTG 301

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  • CYBER 262
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• Option Courses:
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Generalized Business Option: Information Sciences and Technology, A.S. at Berks Campus

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