

INFORMATION SCIENCES AND TECHNOLOGY, B.S. (ABINGTON)

Begin Campus: Any Penn State Campus

End Campus: Abington

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*).

Integration and Application Option: Information Sciences and Technology, B.S. at Abington 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 Summer	Credits
IST 110*#	3 IST 210*#	3 IST 495 ¹	1
IST 140 or CMPSC 121*	3 IST 220*#	3	
World Language Level 1	4 or 6 World Language Level 2	4 or 6	
MATH 110 or 140 (GQ)	4 ENGL 15 or 30H (GWS)	3	
	General Education Course	3	
14-16		16-18	
			1

Second Year

Fall	Credits Spring	Credits Summer	Credits
IST 230*	3 IST 240 or 242*	3 IST 495 ¹	1
ECON 102 or 104 (GS)	3 STAT 200 or SCM 200 (GQ)	4	
World Language Level 3 (if needed)	4 CAS 100A or 100B (GWS)	3	
General Education Course	3 General Education Course	3	
General Education Course	3 General Education Course	3	
16		16	
			1

Third Year

Fall	Credits Spring	Credits Summer	Credits
IST 301*	3 IST 331*	3 IST 495 ¹	1
IST 302*	3 IST 420*	3	
Support of Option	3 ENGL 202C or 202D (GWS)	3	
General Education Course	3 Support of Option	3	
General Education Course	3 Foreign Culture (IL)	3	
15		15	
			1

Fourth Year

Fall	Credits Spring	Credits	
IST 421*	3 IST 440W (GWS)*	3	
IST 402, 451, or 461*	3 Support of Option	3	
Support of Option	3 General Education Course	3	
Foreign Culture (IL)	3 Elective	3-4	
General Education Course	3 Elective	3	
15		15-16	

Total Credits 125-130

- * 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

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.

¹ IST 495 - One internship for credit is required to complete degree requirements, a maximum of three internships for credit are allowed. Should be scheduled and completed during summer and can be scheduled as early as the first year.

Support of Option Notes

Any non-required IST course can be used as a Support of Option. For example: IST 250, IST 261, IST 311.

Design and Development Option: Information Sciences and Technology, B.S. at Abington Campus

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First Year			
Fall	Credits Spring	Credits Summer	Credits
IST 110 ^{*#}	3 IST 210 ^{*#}	3 IST 495 ¹	1
IST 140 or CMPSC 121 [*]	3 IST 220 ^{*#}	3	
World Language Level 1	4 or 6 World Language Level 2	4 or 6	
MATH 110 or 140 (GQ)	4 ENGL 15 or 30H (GWS)	3	
	General Education Course	3	
14-16		16-18	
			1

Second Year			
Fall	Credits Spring	Credits Summer	Credits
IST 230 [*]	3 IST 242 [*]	3 IST 495 ¹	1
IST 261 [*]	3 Support of Option (Web/Mobile App or Game Development recommended) [*]	3	
CAS 100A or 100B (GWS)	3 STAT 200 or SCM 200 (GQ)	4	
ECON 102 or 104 (GS)	3 General Education Course	3	
World Language Level 3 (if needed)	4 General Education Course	3	
16		16	
			1

Third Year			
Fall	Credits Spring	Credits Summer	Credits
IST 301 [*]	3 IST 411 or 413 [*]	3 IST 495 ¹	1
IST 311 [*]	3 Support of Option (IST 361, Application Development Design Studio II recommended)	3	
IST 331 [*]	3 ENGL 202C or 202D (GWS)	3	
General Education Course	3 Foreign Culture (IL)	3	

General Education Course	3 General Education	3	
15		15	
1			
Fourth Year			
Fall	Credits Spring	Credits	
IST 412 or 413 [*]	3 IST 440W (GWS) [*]	3	
IST 402 (or 4xx Emerging Issues and Technologies) [*]	3 Support of Option (Web/Mobile App or Development recommended) [*]	3	
Foreign Culture (IL)	3 General Education Course	3	
General Education Course	3 Elective	3-4	
General Education Course	3 Elective	3	
15		15-16	

Total Credits 125-130

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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.

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