

**Advising Guide: Bucks County Community College to Penn State Abington:
Computer Science to IST**

(This “Advising Guide” is designed for students transferring after 45 credits, suggested by Penn State Abington. See Note 1. Students who plan to complete the associate’s degree should consult the “Transfer Guide” for Computer Science to IST, dated Sept 2014)

Sept 2014

Recommended BCCC Course	CR	B.S., Information Sciences and Technology major*	CR
CISC 110	3	IST 110 (Major, REQ), See Note 1	3
CISC 115	3	Pre-req for CISC 210, Support of Option	3
MATH 140, See Note 2	4	MATH 140 (REQ)	4
Suggest any VAFA	3	General Education: Arts (REQ)	3
COMP 110	3	ENGL 015 (REQ)	3
Total Credits	16	Total Credits	16
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CISC 210	3	COMPSC 101 (Major, REQ)	3
Suggest HUMN 120	3	Gen Education: Humanities <i>and</i> International Cultures (REQ)	
ECON 111 <i>or</i> 112	3	ECON 102 <i>or</i> 104 (REQ)	3
COMP 114	3	ENGL 202C (REQ)	3
MATH, See Note 2	3	STAT 200 (Major, REQ) or Elective (3 credits)	3
Total Credits	15	Total Credits	15
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CISC 215	3	IST 210 (Major, REQ)	3
Suggest MATH, See Note 2	3	STAT 200 (REQ) or Elective	3
Suggest HIST 151 or 152	3	HIST 020 or 021: General Education: Humanities <i>and</i> US Cultures (REQ)	3
COMM 110	3	CAS 100 (REQ)	3
Suggest any 3-credit HLTH: HLTH 103, 110, 120, or 130	3	General Education: Health and Physical Activity (REQ)	3
Total Credits	15	Total Credits	15
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Total Credits	45	Total Credits Transferable	45

*At Penn State Abington, all students in this major complete an option, called Information Technology: Integration and Application.

Note 1: The Penn State **IST major requires a sequence of courses**, and each course is a prerequisite to the next. As a result, a student who completes the associate's degree will take at least five additional semesters to graduate. Penn State advises BCCC students to complete 45 credits before transferring. A student should follow the suggested list above, taking these courses: CISC 110, 115, 210, and 215, and MATH 140 (or the MATH 140 equivalent, described in Note 4).

Note 2: Calculus is required for the IST major, either Penn State's MATH 110 *or* MATH 140. The student may need to take prerequisite courses to be prepared for either course. MATH 117 and 118, *combined*, are equivalent to MATH 110. Math is suggested for every semester on this Advising Guide to accommodate the student taking the prerequisites and the math courses. However, *students who are able to take MATH 140 in the first semester should take MATH 115 and MATH 215 in semesters 2 and 3*. These two courses, *combined*, (6 credits) are equivalent to Penn State's STAT 200, a 4-credit course, which is also required for the major. The additional 2 credits will transfer as Electives. Note that credits for either Math 115 or MATH 215, alone, will transfer as Electives.

Note 3: CISC 215 and CISC 224 (6 credits), *combined*, are equivalent to IST 210, a 4-credit course. The additional 2 credits will count as Electives. Please note, however, that IST 210 is being considered as a 3-credit course. Also note that CISC 224 is not offered, as of FA14.

Note 4: Additional Notes

1. This major requires a Foreign Language to the 12th-credit level proficiency, LANGUAGE 202.
2. BCCC students may complete the A.A. in Computer Science or in Information Science and Technology. However, due to the prerequisites and the sequence of IST courses required for this major, most BCCC students will require 9 or 10 semesters total to complete the B.S.

Note 5: **Additional Policies:** Transferable courses **MUST** have a grade of **"C" or better**. Developmental and remedial courses are **NOT** included in transferable credit. Course work from another college or university **must be evaluated separately**. Penn State Abington's degree requires a **minimum 2.0 GPA** for transfer. Before admission, students must complete certain high school courses, including math and foreign language. See psu.edu/admissions/.

This Transfer Guide is designed for **Penn State Abington ONLY**. Students seeking transfer admission to U. Park, Behrend, Harrisburg, or other Penn State campuses should contact that campus directly.

This Transfer Guide may change without notice before the student is admitted to Penn State Abington.

BCCC students should **confirm their academic plans with the Transfer Counselor at Penn State Abington**: 215-881-7600 (option 2) or abingtonadmissions@psu.edu.

Following this Transfer Guide does not guarantee admission or transfer of credit to Penn State Abington.