



Sample Transfer  
Plan

Area of Focus: **Computer Science**

Associate in Arts (AA) transfer degree

*East Campus students may need to take certain CS and MATH courses at the QC Campus or online.*

This Sample Transfer Plan is for students intending to major in Computer Science after transfer, but who have not selected a transfer institution. Students who have a specific transfer school in mind should not use this guide, but instead seek advising from BHC and the transfer school to ensure the transfer institution's requirements are met. **This plan is preparation for a Bachelor of Science degree in Computer Science.**

The Computer Science area of focus prepares students in algorithms, theoretical foundations of computer science, and development of software. Students also need a strong foundation in mathematics. Graduates of bachelor degree programs will be prepared to work for a variety of companies including those that have a software, engineering, scientific, or mathematical focus.

<b>General Education Recommendations:</b>		<b>minimum 37 credits</b>
<p>This section includes the complete <a href="#">Illinois Articulation Initiative General Education Core Curriculum (IAI GECC)</a>, which is a package of courses meeting general education requirements at more than 100 participating Illinois colleges and universities.</p>		
<p><b>Communication (9 credits) – all courses required</b>            ENG 101 Composition I (3) – grade 'C' or better required            ENG 102 Composition II (3) – grade 'C' or better required            SPEC 101 Principles of Speech Communication (3)</p>	<p><b>Social &amp; Behavioral Sciences (9 credits)</b>  <i>Must include courses from two different disciplines</i>            Choose three IAI: S courses (3)  <i>ECON 221 Macroeconomics (3) or ECON 222 Microeconomics (3) are excellent choices for CS majors</i></p>	
<p><b>Humanities &amp; Fine Arts (9 credits)</b>            PHIL 100 Logic -or- other IAI: H or HF course (3)            Fine Arts-choose one IAI: F or HF (3)            Humanities or Fine Arts – choose another IAI: F, H, or HF course (3)</p>	<p><b>Mathematics (3 credits)</b>            MATH 161 Discrete Math (3)</p>	
<p><b>Physical &amp; Life Sciences (7 credits min. including one lab)</b>            Life Science – choose one IAI: L course (3 min.)            Physical Science – choose one IAI: P course (3 min.)      <b>-or-</b></p>		
<p>NSCI 101 – Environmental Science I (3) <b>and</b>            NSCI 102 – Environmental Science II (4)</p>		

<b>Elective Recommendations:</b>		<b>up to 27 credits</b>
<p>This section includes courses appropriate for this area of focus. Because transfer institutions vary in their acceptance of coursework, check course transferability with <a href="#">Transfer Equivalencies</a>, <a href="#">Transferology</a>, or an advisor. IAI courses are identified with an asterisk *. <b>Seek advising about other elective courses that may support your reasons for choosing this area of focus.</b></p>		
<p><b>Computer Science Electives</b>            CS 105 Computer Science: Principles (3)            CS 121 Intro to Computer Science (3) *            CS 225 Advanced Programming (3) *            CS 227 Database Management Systems (3)            CS 252 Data Structures (3)            CS 260 Systems Design and Development (3)</p> <p><b>Other Electives</b>            MATH 124 Calculus I with Analytic Geometry (4)*            MATH 225 Calculus II with Analytic Geometry (4)*</p>	<p><b>Foreign Language:</b> Consider the foreign language admission and/or graduation requirement of potential transfer schools, which may be satisfied with high school and/or college courses. Consult an advisor.</p> <p><b>Minor:</b> Transfer majors may require a minor area of study, which may be started at BHC with 1-3 courses. Discuss possible minors &amp; courses with an advisor.</p>	

**64 total credits required for AA degree (General Education + Electives)**

**Non-Western studies graduation requirement.** To graduate with the AA degree, include at least one non-Western studies course. The course can simultaneously fulfill a general education requirement in humanities, fine arts, or social and behavioral science, or be taken as an elective. Choose from ANTH 102; ART 285 or 286; ENG 217, 218, or 219; GEOG 105 (see advisor); HIST 222, 141, 142, or 151; IS 220 (see advisor); or MUSC 158.

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### Course Transferability

- Course and transfer requirements can vary among institutions and may differ from the recommendations on this guide. Grades of 'C' or better may be required for a course to transfer, especially courses intended for the major.
- **Students are advised to select a transfer school as soon as possible, typically before completing 30 college-level credits.**

Where to transfer?		
To research transfer colleges and universities, visit the following links		
BHC Transfer Guides and Agreements <a href="https://www.bhc.edu/academics/transfer-programs/guides-and-agreements/">https://www.bhc.edu/academics/transfer-programs/guides-and-agreements/</a>	Illinois institutional profiles <a href="http://ibheprofiles.ibhe.org/">http://ibheprofiles.ibhe.org/</a>	College Navigator <a href="https://nces.ed.gov/collegenavigator/">https://nces.ed.gov/collegenavigator/</a>

### Degree Timeframe:

- Students who complete an average of 16 college-level credits in four consecutive fall and spring semesters could complete the AA degree in two years.
- Students determine their own pace and progress and should consider their work and personal commitments, course difficulty, course pre-requisites, and possible need for additional courses determined by placement assessments.
- Advisors are available to discuss credit load and schedules appropriate for student goals and circumstances.
- BHC offers a selection of courses in the summer term and during the December/January minimester.

### Advising Notes:

- See the current [BHC Catalog](#) for all IAI courses (GECC and Majors codes), course descriptions, pre-requisite information, and complete graduation requirements to earn the AA degree. The area of focus is not stated on student transcripts.
- See the [AA Degree Planning Worksheet](#) for a list of IAI GECC courses, or consult the "Associate in Arts" degree in Degree Audit on myBlackHawk (student tab).
- **This guide is not a substitute for advising.** All students are encouraged to seek advising each semester. Note that advising is required prior to registering for students who have earned **fewer than 30 college-level credits**.

Semester	Meet with BHC advisor	Registration begins
Summer and Fall	February or March	1 <sup>st</sup> Tuesday in April
Spring & minimester	September or October	1 <sup>st</sup> Tuesday in November

BHC Contacts		
QC Campus Advising / Moline, IL Building 1, First Stop Center 309-796-5100 Email <a href="mailto:advqc@bhc.edu">advqc@bhc.edu</a>	East Campus Advising / Galva, IL Building A, Room 246 309-854-1709	<a href="#">Business, Computer &amp; Engineering Technology Department</a>