



Transfer Program Guide
Indian Hills Community College (IHCC) Associates of Arts (AA)
to
Bachelor of Science in Computer Science

Completion of the AA degree at IHCC fulfills the Essential Skills, Modes of Inquiry, and Intercultural Perspective requirements in Truman State University's Liberal Studies Program (LSP). Students transferring with an AA are still required to complete a 3-credit JINS course, and to demonstrate elementary proficiency in one foreign language, in addition to the remaining major requirements, required support, and the Bachelor of Arts or Bachelor of Science requirement, and the Missouri Statute requirements. A detailed explanation of Truman's LSP can be found at http://catalog.truman.edu/preview_program.php?catoid=12&poid=1571.

In addition to completing the required courses for the AA degree at IHCC, students intending to transfer to Truman State University are advised to take the below courses as part of their degree program at IHCC.

Recommended Courses for Transfer	
MAT 210 Calculus I	4
MAT 216 Calculus II	4
MAT 219 Calculus III	4
CHM 157 Principles of Chemistry I	3

Note on Foreign Language:

All students at Truman State University are required to demonstrate elementary proficiency in one foreign language, which requires up to two semesters to complete. All transfer students are recommended to begin their language study as early as possible, to ensure a smooth path to graduation.

Sample Degree Plan
(5 terms at IHCC, 5 terms at Truman)

Term	Credits
IHCC Term 1	
CSC 105 Computer Essentials	1
MAT 120 College Algebra	3
ENG 105 Composition I	3
SDV 101 How to Be Successful in College	3
History Course	3

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IHCC Term 1 Total	13
IHCC Term 2	
MAT 125 Precalculus	3
ENG 106 Composition II	3
SPC 112 Pub. Speaking OR SPC 101 Funds. Of Oral Comm.	3
Elective	3
IHCC Term 2 Total	12
IHCC Term 3	
MAT 210 Calculus I	4
Literature Course	3
CHM 157 Principles of Chemistry I	3
Elective	3
IHCC Term 3 Total	13
IHCC Term 4	
MATH 216 Calculus II	4
Social Science Elective	3
Humanities or Foreign Language Elective	3
Elective	3
IHCC Term 4 Total	12
IHCC Term 5	
Humanities or Foreign Language Elective	3
Social Science Elective	3
MATH 219 Calculus III	4
Elective	3
IHCC Term 5 Total	13
IHCC Total (AA Completed)	63
Truman Term 1	
CS 180 Foundations of Computer Science	4
CS 100 Computer Science Seminar	1
STAT 290 Statistics	3
Upper-Level Elective	3
Upper-Level Elective	3
Truman Term 1 Total	14

Truman Term 2	
CS 181 Foundations of Computer Science II	3
CS 191 Computing Structures	3
CS 345 Cyberethics	3
Upper-Level Elective	3
Truman Term 2 Total	12
Truman Term 3	
JINS 3xx Junior Interdisciplinary Seminar	3
CS 250 Systems Programming	3
CS 260 Object-Oriented Programming	3
CS 291 Models of Computation	3
Truman Term 3 Total	12
Truman Term 4	
CS 310 Data Structures and Algorithms	3
CS 330 Computer Architecture and Organization	3
CS Elective, Area A (see catalog)	3
Upper-Level Elective	3
Truman Term 4 Total	12
Truman Term 5	
CS 370 Software Engineering	3
CS Elective, Area B	3
CS Elective, Area C	3
CS Elective, Area C	3
CS 495 Senior Computer Science Seminar	1
Truman Term 5 Total	13
Truman Total	63
Total of All Terms (BS Completed)	126

Note: The above represents only one path toward transfer degree completion. Math and English placement may result in adjustments to the above plan. The above plan is not a substitute for academic advising. Students are strongly encouraged to consult with an advisor at both IHCC and Truman State when developing an academic plan.

Other Program Requirements

Credits in Residence: All transfer students majoring in Computer Science must complete at least 18 credits in the major at Truman. This coursework must include 15 credits at the 300 level or higher.

Capstone for Computer Science: Each Student is required to complete a Capstone experience for presentation to the computer science faculty. This project demonstrates the ability to work independently and to integrate the knowledge

gained in the major. Prior approval and supervision by computer science faculty is required. It is anticipated that most students present a substantial software development project, which could take diverse forms. Acceptable avenues for the capstone include internships, readings classes with a computer science faculty member, a project directed by a faculty member in another discipline, for an employer, as a volunteer, or a faculty member at A.T. Still University.

In order to graduate with a Bachelor's degree, all students at Truman State University are required to satisfy the following:

- A 2.0 minimum cumulative GPA (unless a higher requirement is specified), a 2.0 minimum GPA in all coursework completed at Truman, and a 2.0 major GPA
- 120 total credits
- 40 credits of upper-level courses (courses numbered 300+)
- 45 credits must be completed in residence, 28 of which must immediately precede completion of requirements for the degree, 15 of which must be major requirements
- The Truman Week requirement is waived for all transfer students.
- Completion of the Liberal Studies Program (LSP). LSP requirements can be found in the Truman State University catalog.
- 63 credits of courses with the Liberal Arts and Sciences (LAS) designation. A list of LAS-designated courses can be found in the Truman State University Catalog.
- A detailed explanation of the above graduation requirements for a Bachelor's degree can be found in the Truman State University catalog at [http://catalog.truman.edu/content.php?catoid=13&navoid=631#Bachelor s Degree Requirements](http://catalog.truman.edu/content.php?catoid=13&navoid=631#Bachelor_s_Degree_Requirements).