



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

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 two Writing Enhanced (WE) courses, 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](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. Students who transfer prior to completing the below courses, or who transfer prior to earning an AA degree, may require more time to complete their degree at Truman.

**Recommended Courses for Transfer**

MAT 156 Statistics*	3
MAT 210 Calculus I*	3
BIO 121D General Biology I*	4
BIO 122D General Biology II*	3
BIO 123D General Biology III	3
CHM 157 Principles of Chemistry I*	3
CHM 158 Principles of Chemistry II*	3
CHM 159 Principles of Chemistry III*	3
PHY 200 Classical Physics I*	3
PHY 201 Classical Physics II*	3
PHY 202 Classical Physics III*	3

\* Course is required for the Biology degree at Truman

**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. Students pursuing a BA degree are required to demonstrate intermediate proficiency in one foreign language, which requires up to four 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  
(6 terms at IHCC, 4 terms at Truman)

Term	Credits
<b>IHCC Term 1</b>	
BIO 121D General Biology I	4
MAT 120 College Algebra	3
ENG 105 Composition I	3
SDV 101 How to Be Successful in College	3
<b>IHCC Term 1 Total</b>	<b>13</b>
<b>IHCC Term 2</b>	
BIO 122D General Biology II	3
MAT 125 Precalculus	3
ENG 106 Composition II	3
SPC 112 Pub. Speaking OR SPC 101 Funds. Of Oral Comm.	3
CSC 105 Computer Essentials	1
<b>IHCC Term 2 Total</b>	<b>13</b>
<b>IHCC Term 3</b>	
BIO 123D General Biology III	3
MAT 210 Calculus I	4
CHM 121 Intro to General Chemistry	3
Literature Course	3
<b>IHCC Term 3 Total</b>	<b>13</b>
<b>IHCC Term 4</b>	
CHM 157 Principles of Chemistry I	3
MAT 156 Statistics	3
History Course	3
PHY 200 Classical Physics I	3
<b>IHCC Term 4 Total</b>	<b>12</b>
<b>IHCC Term 5</b>	
CHM 158 Principles of Chemistry II	3
Social Science Elective	3
Humanities or Foreign Language Elective	3
PHY 201 Classical Physics II	3
<b>IHCC Term 5 Total</b>	<b>12</b>
<b>IHCC Term 6</b>	
CHM 159 Principles of Chemistry III	3

Questions? Contact [Ted Frushour](mailto:ted.frushour@truman.edu)  
 Transfer Programs Coordinator  
 Center for Academic Excellence  
 Kirk 112B (660) 785-7403  
[Frushour@truman.edu](mailto:Frushour@truman.edu)

Social Science Elective	3
Humanities or Foreign Language Elective	3
PHY 202 Classical Physics III	3
<b>IHCC Term 6 Total</b>	<b>12</b>
<b>IHCC Total (AA Completed)</b>	<b>75</b>
<b>Truman Term 1</b>	
BIOL 200 Cell Biology (Fall Term Only)	4
CHEM 329 Organic Chemistry I	3
BIOL 3xx Elective	4
MO Statute Course (POL 101 or HIST 298)	1
BIOL 349 Writing About Biology	1
<b>Truman Term 1 Total</b>	<b>13</b>
<b>Truman Term 2</b>	
BIOL 300 Genetics (Spring Term Only)	4
CHEM 330 Organic Chemistry Lab I	1
CHEM 331 Organic Chemistry II	3
JINS 3xx Junior Interdisciplinary Writing-Enhanced Sem.	3
BIOL 3xx Biology Elective	4
<b>Truman Term 2 Total</b>	<b>15</b>
<b>Truman Term 3</b>	
BIOL 301 Ecology (Fall Term Only)	4
CHEM 332 Organic Chemistry Lab II	3
BIOL 3xx Biology Elective	4
BIOL 545 Senior Biology Seminar	1
<b>Truman Term 3 Total</b>	<b>12</b>
<b>Truman Term 4</b>	
BIOL 315 Physiology or BIOL 405 Plant Physiology (Spring Term Only)	4
Biology Elective (300+)	4
Free Elective	3
Writing-Enhanced Elective	3
<b>Truman Term 4 Total</b>	<b>14</b>
<b>Truman Total</b>	<b>54</b>
<b>Total of All Terms (BS Completed)</b>	<b>129</b>

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.

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## Other Graduation Requirements:

In order to graduate with a Biology degree, all majors are required to satisfy the following:

- A Biology major must achieve at least a “C” grade in each of the following courses: BIOL 107, BIOL 108, BIOL 145 (waived for all transfer students), BIOL 200, BIOL 300, BIOL 301, BIOL 315 OR BIOL 405, and BIOL 545.
- A minimum grade point average (GPA) of 2.0 is required for a) all mathematics, statistics, computer science, chemistry, and physics support courses for both the B.A. and B.S. degrees, b) all electives applied to the 15 credits of Biology electives for the B.S. degree, and c) all courses in the learning plan and foreign language courses for the B.A. degree.
- All Biology majors must score at or above the 20<sup>th</sup> percentile on the nationally normed senior exam (MFAT). Majors are encouraged to take this exam early in the spring semester of their senior year.

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>.