



Bachelor of Science in Biology

Transfer Course Equivalency Guide for Siena Heights University

This is a tool designed to assist SHU students transferring to Central Michigan University. This is not a self-advising tool.

Siena Heights University

Central Michigan University

Course #	Credit Hrs	Course Title	CMU Course	Credit Hrs	Univ Program	Competency
BIO 101	4	Intro to Life Sciences	BIO 101	4	IIA	
BIO 120	1	Medical Terminology	HSC CRED	1		
BIO 121	4	Human Anatomy & Physiology I	HSC CRED	4		
BIO 121 and BIO 122 (must all transfer)	4.00 and 4.00	Human Anatomy & Physiology I and Human Anatomy & Physiology II	HSC 214 AND HSC 215	4.00 AND 4.00		
BIO 122	4	Human Anatomy & Physiology II	HSC CRED	4		
BIO 141	4	Basic Concepts of the Cell	BIO 112	4		
BIO 241	4	Animal Biology	BIO CR W/LAB	4		
BIO 241 and BIO 242 (must all transfer)	4.00 and 4.00	Animal Biology and Plant Biology	BIO 111 AND BIO 212	4.00 AND 4.00	IIA	
BIO 242	4	Plant Biology	BIO CR W/LAB	4		
BIO 245	4	Bacteriology	BIO CRED	4		
BIO 342	4	Genetics	BIO 211	4		
BIO 349	4	Comparative Vertebrate Anatomy	BIO CRED	4		
BIO 351	4	Vertebrate Physiology	BIO CRED	4		
BIO 360	4	Microbiology	BIO 208	4		
BIO 395	1	Junior Seminar I	BIO CRED	1		
BIO 396	1	Junior Seminar II	BIO CRED	1		
BIO 441	4	Terrestrial Ecology & Field Biology	BIO 340	4		
BIO 442	3	Evolution	BIO 501	3		
BIO 495	1	Senior Seminar I	BIO CRED	1		
BIO 496	1	Senior Seminar II	BIO CRED	1		
BIOL 1334	4	Essentials of Human Anatomy & Physiology	HSC CRED	4		

BIOL 2402	4	Anatomy & Physiology II	HSC CRED	4		
MAT 159	4	Pre-Calculus	MTH 130	4		MATH
MAT 181	4	Calculus w/Analytic Geometry I	MTH 132	4	IIB	MATH
MAT 174	3	Data Analysis and Stats	STA 282QR	3		MATH
MAT 244	3	Statistical Analysis & Design	STA 382QR	3	IIB	MATH
PHY 141	4	General Physics I	PHY 130QR AND PHY 170	3.00 AND 1.00	IIB, IIB	
PHY 142	4	General Physics II	PHY 131 AND PHY 171	3.00 AND 1.00		
PHY 161	4	Physics I (Calculus Based)	PHY 145QR AND PHY 175	3.00 AND 1.00	, IIB	
PHY 162	4	Physics II (Calculus Based)	PHY 146 AND PHY 176	3.00 AND 1.00		
COM 111	3	Intro to Communication	COM 101	3		ORAL

- To see the remaining credits to complete your bachelor's degree program at CMU, please view our Undergraduate Bulletin here: <https://cmich.smartcatalogiq.com/>
Be sure to select the **most recent Undergraduate Bulletin Year**, then select Majors, Minors, Certificates, and Pre-Professional Studies and find your program.
- Students must earn a minimum of 120 college credits (transfer & CMU), and a minimum of 30 CMU credit hours to earn a bachelor's degree. A grade of C- or better is required for a courses to transfer. A grade C or higher is required for general education competencies and University Program courses. **Under this Teach Out agreement, CMU will waive the 60-credit and 36 credits at the 300-level graduation rules.**
- Students are required to meet CMU Competency Requirements prior to reaching 56 credit hours or they must enroll in remaining competencies in their first semester(s) at CMU if they have earned over 56 credits. Competencies consist of: two Written English (composition) courses, one Oral English (communication) course, and one Mathematics Competency course. Competencies must be completed with a grade of "C" or above. The University Program general education requirements (27 hours) are required for students taking courses (typically nine) from different designators in the humanities, natural sciences, social sciences, and diversity credits. University Program (UP) courses must be completed with a grade of "C" or above. Additional degree program requirements may be required prior to graduation – see CMU advisor.
- 12 Writing Intensive (WI) credits are required at CMU. Transfer students may potentially qualify for **Transfer Block** that may waive 6 WI credits.
- Please speak with a CMU Admissions Transfer representative to have a credit evaluation completed. Contact CMU Admissions cmuadmissions@cmich.edu
- To view courses that transfer into your program at CMU, use our Transfer Simulation Tool (degree audit tool) at: <https://www.cmich.edu/undergraduate/apply/transferring-college-credits>
- Want to visit campus and speak to an academic advisor? Register for **CMU's Transfer Visit Days**. <https://www.cmich.edu/undergraduate/transfer-students>

For an official evaluation, apply for free at [CMICH.EDU/APPLY](https://www.cmich.edu/apply)

Application Fee Waiver Code: [CMU4ME](#)

CMU Transfer Student Webpage
[cmich.edu/transfer](https://www.cmich.edu/transfer)

Connect with your CMU Transfer Admissions Representative
Sandra Lwin, Assistant Director – slwin@cmich.edu

CENTRAL MICHIGAN UNIVERSITY