

Siena Heights University
Bachelor of Science: Integrated Science
Guide Sheet for Students Transferring from MCCC to SHU

Only for students seeking elementary teacher certification

Science Requirements (46 semester hours)

Siena Heights University			Monroe Community College		
Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
@BIO110	Environmental Studies	4	NO EQUIVALENCY		
BIO141	Basic Concepts of the Cell	4	NO EQUIVALENCY		
BIO241	Animal Biology	4	BIOL252	Elements of Zoology	4
BIO242	Plant Biology	4	BIOL251	Elements of Botany	4
BIO342	Genetics	4	BIOL264	Fundamentals of Genetics	4
BIO441	Ecology	4	NO EQUIVALENCY		
CHE141	General Chemistry I	4	CHEM151	General College Chemistry I	4
CHE142	General Chemistry II	4	CHEM152	General College Chemistry II	4
NSC110	Earth Science	3	NO EQUIVALENCY		
PHY241	General Physics I	4	PHY151	General Physics I	4
PHY242	General Physics II	4	PHY152	General Physics II	4
NSC295	Integrated Science Seminar 1	1	NO EQUIVALENCY		
NSC395	Integrated Science Seminar 2	1	NO EQUIVALENCY		
NSC495	Integrated Science Seminar 3	1	NO EQUIVALENCY		

Requirements Outside of Major (10 semester hours)

Siena Heights University			Monroe Community College		
Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
MAT159	Precalculus	4	MATH164	Precalculus	4
OR					
MAT181	Calculus w/ Analytic Geometry I	4	MATH171	Calculus I	4
MAT174	Data Analysis and Statistics	3	NO EQUIVALENCY		
NSC371	Science in the Elementary Classroom	3	NO EQUIVALENCY		

NOTE: Students also complete Teacher Education Course Requirements and Elementary Planned Minor requirements in addition to major and general education requirements

@ Not included in totals because part of planned minor

*Approved electives include any BIO or CHE 200 or higher course except for Secondary Methods

Last Updated: October 2007

SHU Catalog: 2006-2008

Students are encouraged to call Sara Johnson, Coordinator of Transfer Student Services at 517-264-7185 to schedule an advising appointment

Additional degree and/or major requirements and restrictions may apply