

Siena Heights University
Bachelor of Science: Environmental Science
Guide Sheet for Students Transferring from WCC to SHU

Environmental Science Requirements (25 semester hours)

Siena Heights University			Washtenaw Community College		
Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
ENV110	Intro to Environmental Science	4	NO EQUIVALENCY		
ENV122	Geology	4	NO EQUIVALENCY		
ENV141	Climatology	3	NO EQUIVALENCY		
ENV152	Oceanography	3	NO EQUIVALENCY		
ENV351	Limnology	4	NO EQUIVALENCY		
ENV362	Toxicology	3	NO EQUIVALENCY		
ENV395	Junior Seminar in Env Science I	1	NO EQUIVALENCY		
ENV396	Junior Seminar in Env Science II	1	NO EQUIVALENCY		
ENV495	Senior Seminar in Env Science I	1	NO EQUIVALENCY		
ENC496	Senior Seminar in Env Science II	1	NO EQUIVALENCY		

Science Requirements (32 semester hours)

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Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
BIO141	Basic Concepts of the Cell	4	BIO103	General Biology II	4
BIO241	Animal Biology	4	BIO227	Biology of Animals	4
BIO441	Ecology	4	NO EQUIVALENCY		
CHE141	General Chemistry I	4	CEM111	General Chemistry	4
CHE350	Analytical Chemistry	4	NO EQUIVALENCY		
PHY241	General Physics I (non-calculus)	4	PHY111	General Physics	4
OR					
PHY261	Physics I (calculus based)	4	PHY211	Analytical Physics	5
PHY242	General Physics II (non-calculus)	4	PHY122	General Physics II	4
OR					
PHY262	Physics II (calculus based)	4	PHY222	Analytical Physics II	5

Math Requirements (6 or 8 semester hours)

MAT174	Data Analysis and Statistics	3	NO EQUIVALENCY		
OR					
MAT181	Calculus w/ Analytic Geometry I	4	MTH191	Calculus I	5
MAT182	Calculus w/Analytic Geometry II	4	MTH192	Calculus II	4
OR					
MAT244	Statistical Analysis & Design	3	NO EQUIVALENCY		

Speech Requirement (3 semester hours)

TSC101	Fundamentals of Speech Comm.	3	COM101	Fundamentals of Speaking	3
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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

Choose One of the Following Options (15-17 semester hours)

1. Biology

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Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
BIO242	Plant Biology	4	BIO228	Biology of Plants	4
BIO341	Entomology	4	NO EQUIVALENCY		
BIO342	Genetics	4	BIO208	Genetics	4
BIO360	Microbiology	4	BIO237	Microbiology	4

2. Chemistry

CHE241	Organic Chemistry I	4	CEM211	Organic Chemistry	4
CHE242	Organic Chemistry II	4	CEM222	Organic Chemistry II	4
CHE341	Physical Chemistry I	4	NO EQUIVALENCY		
CHE342	Physical Chemistry II	4	NO EQUIVALENCY		
CHE343	Physical Chemistry Lab	1	NO EQUIVALENCY		

3. Environmental Management

ENV342	Industrial Ecology & Sustainability	3	NO EQUIVALENCY		
ENV441	Environmental Regulations	3	NO EQUIVALENCY		
ENV452	Hydrogeology	3	NO EQUIVALENCY		
Training Courses in each of the following: Safety Training, Hazardous Materials Transportation, RCRA Hazardous Waste Generator, Stormwater Operator, ISO 14001		6	NO EQUIVALENCIES		

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