



PROGRAM OF STUDY PATHWAY TEMPLATES 2011–2012
 – UNIVERSITY TRANSFER – BIOLOGY *

COLLEGE: **Sinclair Community College**

HIGH SCHOOL(S): **Centerville, Ponitz CTC, Greene CCC,**

Kettering Fairmont, Stebbins, Butler Tech,

Miami Valley CTC, Miamisburg

CAREER FIELD: **Engineering & Science Technologies**

PATHWAY: **University Transfer**

PROGRAM: **University Transfer - Biology (Bachelor of Science Track)**

110 Credit Hours - Associate of Science



HIGH SCHOOL	Freshman	English I (1)	Integrated Algebra & Geometry or Algebra I (1)	Physical Science (1)	Social Studies (1)	Health (.5) P E (.5)	Career Exploration	Foreign Language I
	Sophomore	English II (1)	Geometry or Algebra II (1)	Biology (1)	American History (1)	P E (.5)	Elective (.5)	Foreign Language II
	Junior	English III (1)	Algebra II / Adv Algebra II & Trigonometry (1)	Physics I (1)	American Govt (.5) Social Studies Elective (.5)	College Tech Prep Environmental Science Technology (1)	College Tech Prep Environmental Science Technology (1)	Foreign Language III
	Senior	English IV (1)	Integrated College Math or Calculus (1)	Chemistry (1)	Elective (1)	College Tech Prep Environmental Science Technology (1)	College Tech Prep Environmental Science Technology (1)	Foreign Language IV

Take Accuplacer (reading, math, and writing). Visit Sinclair academic advising. Earn high school diploma. Complete pathway as designed.

COLLEGE	1st Quarter	ENG 111 (3) English Composition I	MAT 201 (5) Calculus & Analytic Geometry I	BIO 171 w/ lab (5) Principles of Biology I	General Chemistry I CHE 151/157 (5)			
	2nd Quarter	SCC 101 (2) Student Success Experience	MAT 202 (5) Calculus & Analytic Geometry II	BIO 172 w/ lab (5) Principles of Biology II	General Chemistry II CHE 152/158 (5)			
	3rd Quarter	ENG 112 (3) English Composition II	MAT 203 (5) Calculus & Analytic Geometry III	BIO 173 w/ lab (5) Principles of Biology III	General Chemistry III CHE 153/159 (5)			
	Recommended Summer Term	ENG 113 (3) English Composition III						
	4th Quarter	Social Science Elective (3)	Arts & Humanities Elective (3)	PHY 201 / 207 (6) General Physics I	CHE 201 / 207 (5) Organic Chemistry I			
	5th Quarter	Social Science Elective (3)	Arts & Humanities Elective (3)	PHY 202 / 208 (6) General Physics II	CHE 202 / 208 (5) Organic Chemistry II			
	6th Quarter	Social Science Elective (3)	Arts & Humanities Elective (3)	PHY 203 / 209 (6) General Physics III	CHE 203 / 209 (5) Organic Chemistry III			

* Sinclair converts to semesters in 2012-2013. Visit www.sinclair.edu/semesters for new course names and credit hours.

Elective Courses
Required Courses (credit hours)
 This pathway is designed for students seeking a BS in Biology. A BA major in Biology may have fewer math courses and a non-calculus based physics sequence. Consult with your academic advisor or BIO Dept.