



PROGRAM OF STUDY PATHWAY TEMPLATES 2011–2012
 — UNIVERSITY TRANSFER - WSU BIOMEDICAL (B) *

COLLEGE: **Sinclair Community College**

HIGH SCHOOL(S): Centerville, Ponitz CTC, Greene CCC,
Kettering Fairmont, Stebbins, Butler Tech,
Miami Valley Career Tech Center

CAREER FIELD: Engineering & Science Technologies

PATHWAY: University Transfer

PROGRAM: University Transfer - WSU BioMedical Curriculum B
105 - 108 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)	Intro to Engineering Design (1)	P E (.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 Engineering Technology (1)	College Tech Prep Engineering Technology (1)	Foreign Language III
	Senior	<u>English IV (1)</u>	<u>Integrated College Math or Calculus (1)</u>	Chemistry (1)	Elective (1)	College Tech Prep Engineering Technology (1)	College Tech Prep Engineering 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	English Comp I ENG 111 (3)	Principles of Biology I BIO 171 (5)	General Chemistry I CHE 151/157 (5)	Intro Math for Engineering App. SME 101 (5)			
	2nd Quarter	English Comp II ENG112 (3)	Calculus & Analytic Geometry I MAT 201 (5)	General Physics I PHY201/207 (6)	General Chemistry II CHE 152/158 (5)			
	3rd Quarter	English Comp III ENG 113 (3)	Calculus & Analytic Geometry II MAT 202 (5)	General Physics II PHY 202 / 208 (6)	General Chemistry III CHE 153/159 (5)			
	Recommended Summer Term	Arts & Humanities Elective (3)	Social Science Elective (3)	Arts & Humanities Elective (3)				
	4th Quarter	Effective Speaking I COM 211 (3)	Calculus & Analytic Geometry III MAT 203 (5)	General Physics III PHY203/209 (6)				
	5th Quarter	Statics - Calculus Based ETD 211 (5)	Differential Equations MAT 215 (5)	Engineering Problem Solving Using "C" EGR 261 (4)	Arts & Humanities Elective (3)			
	6th Quarter	Social Science Elective (3)	Linear Algebra MAT 216 (4)	Social Science Elective (3)	Dynamics - Calculus Based ETD212 (5)			

* Sinclair converts to semesters in 2012-2013. Visit www.sinclair.edu/semesters for new course names and credit hours.	Credit-Based Transition Programs, such as dual enrollment, articulated courses 2+2 (+2) ◆ = high school to college ● = community college to 4 year institution ■ = opportunity to test out
	Required Courses for a major in WSU College of Engineering & Computer Science (credit hours)
	Recommended Elective Courses