

COLLEGE: Sinclair College

ODE CAREER FIELD: Engineering & Science Technologies

ODE PATHWAY: Engineering & Design

SINCLAIR PROGRAM: Biology

61 Credit Hours - Associate of Science

BIOE.S.AS

HIGH SCHOOL	Freshman	English I (1)	Algebra & Geometry or Algebra I (1)	Physical Science (1)	Social Studies (1)	Health (.5) Physical Education (.5)	Career Field Exploration	Fine Arts/Foreign Language/Business Elective (1)
	Sophomore	English II (1)	Geometry or Algebra II (1)	Biology or Life Science (1)	US History (1)	Technology Elective (1)	Career Pathway Foundation	Fine Arts/Foreign Language/Business Elective (1)
	Junior	English III (1)	Algebra II / Adv Algebra II & Trigonometry (1)	Advanced study in Life or Physical Science OR Earth/Space Science (1)	US Govt (.5) Economics and Financial Literacy Social Studies Elective (.5)	Career Tech Engineering & Science Technologies (1)	Career Tech Engineering & Science Technologies (1)	Career Tech Engineering & Science Technologies (1)
	Senior	English IV (1)	College Math or Calculus (1)	Physics (1)	Psychology, Sociology or Social Studies Elective (1)	Career Tech Engineering & Science Technologies (1)	Career Tech Engineering & Science Technologies (1)	Career Tech Engineering & Science Technologies (1)
Take ACT, SAT, or required Sinclair placement test. Visit Sinclair academic advising. Earn high school diploma. Complete pathway as designed.								
COLLEGE	1st Semester	• CHE 1211 General Chemistry I (5)	• BIO 1171 Principles of Biology I (5)	SCC 1101 First Year Experience (1)	MET 1131 PC Applications for Engineering Technology (1)	• ENG 1101 English Composition I (3)		
	2nd Semester	• CHE 1221 General Chemistry II (5)	• BIO 1272 Principles of Biology II (5)	• ENG 1201 English Composition II (3)	• OTM Arts & Humanities Elective (3)	• Multicultural Elective (3)		
	3rd Semester	• OTM Social & Behavioral Sciences Elective (3)	• MAT 1450 Introductory Statistics (4)	• BIO 2225 Ecology (4)	• COM 2206 Interpersonal Communications (3)	OR • COM 2211 Effective Public Speaking (3)	OR • COM 2225 Small Group Communications (3)	
	4th Semester	• BIO 2235 Genetics (4)	BIO 2236 Lab for Genetics (0)	• OTM Social & Behavioral Sciences Elective (3)	• OTM Arts & Humanities Elective (3)	• BIO 2222 Evolution (3)		
• = Courses guaranteed to transfer to Ohio's public institutions of higher education								
Indicates eligible college course opportunities via Proficiency credit or Articulated Award credit.								
■ Indicates Career-Technical Assurance Guides (CTAG)-approved transfer credit. The high school or career center is responsible for sending the proper documentation, along with the Verification of Course/Program Completion form to the college in order for credits to be posted on a student's transcript.								
Required Courses (credit hours)								
Recommended Elective Courses								

revised: 7/22/2019

Please note: This template does not provide department approved course sequences for students to follow. That is, the courses may be presented out of order. It is best for students to consult with an academic advisor in order to plan a semester by semester course schedule in order to meet the requirements for their certificates and degree programs.