



School of Engineering and Industrial Technology

Occupation/Field: Biology



National Career Cluster: Science, Technology, Engineering & Mathematics

Required Courses for Core 40 Diploma

Recommended Courses and Electives

GRADE	SUBJECT	Required Courses for Core 40 Diploma					Recommended Courses and Electives		
		English/ Language Arts	Math	Social Studies	Science	Electives	Electives	Electives	Electives
9	S1	English 9	Algebra I	College and Careers	Biology I	PE	Health	PLTW Biomedical Science	
	S2	English 9	Algebra I	Study Hall	Biology I	PE	Health	PLTW Biomedical Science	
10	S1	English 10 Enr. Eng 10	Geometry	World History	ICP Chemistry	World Language	PLTW Human Body Systems		
	S2	English 10 Enr. Eng 10	Geometry	World History	ICP Chemistry	World Language	PLTW Human Body Systems		
11	S1	English 11 AP English 11	Algebra II	US History AP US History	Core 40 Science	World Language	PLTW Medical Intervention		
	S2	English 11 AP English 11	Algebra II	US History AP US History	Core 40 Science	World Language	PLTW Medical Intervention		
12	S1	Senior Comp AP English 12	Recommended: Additional Math course	Government	World Language	AP Biology	PLTW Biomedical Innovation		
	S2	Senior Comp AP English 12	Recommended: Additional Math course	Economics	World Language	AP Biology	PLTW Biomedical Innovation		

Bachelor's of Science in Biology from Butler University, Indianapolis, IN

Yr 13	S1	Contemporary Issues in Biology (BI 111)	General Chemistry w/lab (CH 105)	First Year Seminar (FYS 101)	Foreign Language or Core Course		
	S2	Ecology & Evolutionary Biology (BI 201) or Cellular and Molecular Biology (BI 202)	General Chemistry w/lab (CH 106)	First Year Seminar (FYS 101)	Foreign Language or Core Course		
Yr 14	S1	Text & Ideas: Humanities	Perspectives in the Creative Arts	Computer Literacy	Global and Historical Studies		
	S2	Social World: Social Sciences	Analytical Reasoning: Math	The Natural World	Global and Historical Studies	Biology Seminar (BI 299)	
Yr 15	S1	Physical Well-Being	Speaking Across the Curriculum	Biology Course	Biology Course		
	S2	Biology Course	Writing Across the Curriculum	Biology Course	Biology Course		
Yr 16	S1	Biology Course	Biology Course	Biology Course	Biology Course		
	S2	Senior Biology Capstone (BI 480)	Biology Course	Biology Course	Biology Course		

Hobart High School offers numerous DUAL CREDIT courses. See your counselor for more information.

