

Course ID	Course Title	Credit hours	Core Requirement	Important Notes	Term Taken
<b>Year One: Fall 12 week (12 credit hours)</b>					
<b>FRCL 10101</b>	<b>First Year Colloquium</b>	4			
CPSC 17100	Introduction to Computer Science	4	MM		
10100	Foreign Language Requirement	4	FL		
<b>Year One: Fall 3 week (4 credit hours)</b>					
10200	Foreign Language Requirement	4	FL		
<b>Year One: Spring 12 week (11-12 credit hours)</b>					
<b>FSEM 10201</b>	<b>First Year Seminar</b>	4			
CPSC 17200	Introduction to Programming	4	MM		
	Elective	3-4			
<b>Year One: Spring 3 week (3 credit hours)</b>					
CPSC 2XXXXX	Computer science elective	3			
<b>Year One: Summer (10 hours)</b>					
	<b>Core Requirement</b>	<b>3-4</b>	<b>UD</b>		
	<b>Core Requirement</b>	<b>3-4</b>	<b>CM</b>		
	<b>Core Requirement</b>	<b>3-4</b>	<b>MM</b>	See Note 1	
<b>Year Two: Fall 12 week (12 credit hours)</b>					
CPSC 20100	Data Structures and Algorithms	4			
CPSC 3XXXX	Computer science elective	4			
	<b>Core Requirement</b>	4	SM		
<b>Year Two: Fall 3 week (3 credit hours)</b>					
CPSC 24000	Computer Ethics	3	ES		
<b>Year Two: Spring 12 week (11-12 credit hours)</b>					
CPSC 25200	Computer Organization	4		See Note 2	
CPSC 3XXXX	Computer science elective	4			
	Elective	3-4			
<b>Year Two: Spring 3 week (3 credit hours)</b>					
	Elective	3			
<b>Year Two: Summer (10 hours)</b>					
	<b>Core Requirement</b>	<b>3-4</b>	<b>IM</b>		
	<b>Core Requirement</b>	<b>3-4</b>	<b>ES</b>		
	<b>Core Requirement or Connect Experience</b>	<b>3-4</b>	<b>Connect Experience</b>		
<b>Year Three: Fall 12 week (13-14 credit hours)</b>					
CPSC 3XXXX	Computer science elective	4			
CPSC 40000	Integrated Research Component I	2			
CPSC 3XXXX	Computer science elective	4			
	Elective	3-4			
<b>Year Three: Fall 3 week (3-4 credit hours)</b>					
	Elective	3-4			
<b>Year Three: Spring 12 week (14 credit hours)</b>					
INTD 38800	Bioinformatics	4	TT INTD	See Note 2, 3	
CPSC 40100	Integrated Research Component II	2			
	Elective	3-4			
	Elective	3-4			
<b>Year Three: Spring 3 week (3 credit hours)</b>					
	<b>Core Requirement</b>	<b>3</b>	<b>TT INTD</b>		

Year Three:	Summer (10 credit hours)				
	Core Requirement	3-4	EW		
	Core Requirement	3-4	CA		
	Core Requirement	3-4	INTD		

Minimum Total Program Hours	Minimum Required Major GPA	Minimum Required Cumulative GPA
120	2.00	2.00

Hiram Core: Ways of Knowing Category	Qualifying Course(s) in Program	Fulfilled or Required	Term Taken
Creative Methods (CM)		Required	
Interpretive Methods (IM)		Required	
Modeling Methods (MM)	CPSC 17100, CPSC 17200	Required	
Scientific Methods (SM)		Required	
Social and Cultural Analysis (CA)		Required	
Experiencing the World (EW)		Required	
Understanding Diversity (UD)		Required	
Meaning, Ethics and Social Responsibility (ES)	CPSC 24000	Required	
Interdisciplinary Requirement		Required	
Team Taught Interdisciplinary Requirement	INTD 38800	Required	
Foreign Language Requirement		Required	

**Note 1** – Students must fulfill all Hiram College course requirements (listed below). Minimum total credit hours completed for graduation is 120 hours. Students who enter with credit hours may not need all of the core or elective hours listed.

**Note 2** – CPSC 252 and INTD 388 are taught in alternate years. These courses may need to be switched between year two and year three.

**Note 3** – INTD 388 fulfills both a college requirement (TT) and a major requirement (CPSC 3xx). Other scenarios may be taken as long as these requirements are fulfilled.

**PATHWAY NOTE:** This is a recommended Major Pathway; individual pathways may vary. Advisor consultation is a vital part of timely graduation.

Students placing out of the foreign language requirement should take an elective, second major course, or minor course.

Fully online courses may be required to complete the program.

An elective may replace the core requirement if the core is met by the major.

Students must fulfill all Hiram College graduation requirements. The minimum total semester credit hours for graduation is 120.

Students who enter with transfer or other credit hours should have those credits evaluated by the registrar towards fulfillment of listed requirements. (See Hiram College Transfer Policy)

To complete in three years, students must adhere to the degree path described in this pathway. While variation may occur due to transfer credit, should a student fail to register for or complete required courses or required summer credit hours, the student may still continue at Hiram College, but forfeits a guarantee of course offerings and summer tuition reduction.

Having begun a 3-year pathway, a student who chooses to change the incoming major may still continue at Hiram College, but forfeits a guarantee of course offerings and summer tuition reduction.