RAMAPO COLLEGE OF NEW JERSEY

Computer Science
Recommended Four-Year Plan (Fall 2018)

The recommended four-year plan is designed to provide a blueprint for students to complete their degrees within four years. Students must meet with their Major Advisor to develop a more individualized plan to complete their degree. This plan assumes that no developmental courses are required. If developmental courses are needed, students may have additional requirements to fulfill which are not listed in the plan and may extend degree completion.
NOTE: This recommended Four-Year Plan is applicable to students admitted into the major during the 2017-2018 academic year.

First Year					
Fall Semester	**HRS**	**✓**	**Spring Semester**	**HRS**	**✓**
CMPS 147-Computer Science I	4		CMPS 148-Computer Science II	4	
MATH 110-Precalculus	4		MATH 237-Discrete Structures or MATH 205 Mathematical Structures **WI**	4	
Gen Ed: INTD 101-First Year Seminar	4		CMPS 220-Assembly Language Programming	4	
Gen Ed: CRWT 102 - Critical Reading and Writing II	4		Gen Ed: Studies in the Arts & Humanities	4	
Total:	16		**Total:**	16	

Second Year					
Fall Semester	**HRS**	**✓**	**Spring Semester**	**HRS**	**✓**
CMPS 231-Data Structures	4		CMPS 311-Operating Systems **WI**	4	
MATH 121-Calculus I	4		CMPS Elective	4	
Gen Ed: Social Science Inquiry	4		Gen Ed: Global Awareness	4	
Gen Ed: Historical Perspectives	4		Gen Ed: Scientific Reasoning	4	
Total:	16		**Total:**	16	

Third Year					
Fall Semester	**HRS**	**✓**	**Spring Semester**	**HRS**	**✓**
CMPS 361-Software Design	4		CMPS Elective	4	
CMPS Elective	4		CMPS Elective	4	
MATH Elective	4		MATH Elective	4	
Gen Ed: Distribution	4		Gen Ed: Distribution	4	
Total:	16		**Total:**	16	

Fourth Year					
Fall Semester	**HRS**	**✓**	**Spring Semester**	**HRS**	**✓**
CMPS 366-Organization of Programming Languages	4		CMPS Elective	4	
CMPS Elective	4		CMPS 450: Senior Project **WI**	4	
CMPS Elective	4		Elective	4	
Elective	4		Elective	4	
Total:	16		**Total:**	16	

Total Credits Required: 128 credits
GPA Required: 2.0

WI: Writing Intensive-3 required in the major