

Computer Science - Computation Arts September Entry

Year	Term	Course	Title	Credit	Prerequisite	Co-requisite
Year 1	Fall	CART 211	Creative Computing and Network Culture	3.00		
		CART 214	Visual Form & Communication	3.00	Written permission of the Department	
		COMP 232	Mathematics for Computer Science	3.00	MATH 203, 204	
		COMP 248	Object-Oriented Programming I	3.50		MATH 204
		FFAR 250	Keywords: Reading the Arts Across the Disciplines	6.00		
Year 2	Winter	CART 212	Digital Media Studio I	3.00	CART 211	
		COMP 228	System Hardware	3.00	COMP 248	MATH 203, 204
		COMP 233	Probability and Statistics for Computer Science	3.00	MATH 205	
		COMP 249	Object-Oriented Programming II	3.50	COMP 248; MATH 203	MATH 205
		FFAR 250	Keywords: Reading the Arts Across the Disciplines			
Year 2	Fall	CART 351	Networks and Navigation	3.00	CART 211, 212; written permission of the Department	
		COMP 345	Advanced Program Design with C++	4.00		COMP 352
		COMP 348	Principles of Programming Languages	3.00	COMP 249	
		COMP 352	Data Structures and Algorithms	3.00	COMP 249	COMP 232
			Computation Arts Elective*			
Year 3	Winter	CART 255	New Media Theory	3.00	Written permission of the Department	
		COMP 335	Introduction to Theoretical Computer Science	3.00	COMP 232 or COEN 231; COMP 249 or COEN 244	
		COMP 346	Operating Systems	4.00	COMP 228 or SOEN 228; COMP 352	
		COMP 371	Computer Graphics	4.00	COMP 232 or COEN 231; COMP 352 or COEN 352	
		ENCS 282	Technical Writing and Communication	3.00	Students must pass the Engineering Writing Test (EWT), or pass ENCS 272 with a grade of C- or higher	
Year 3	Fall	CART 411	Project Studio I	3.00	CART 351; written permission of the Department	
		COMP 354	Introduction to Software Engineering	4.00	COMP 352; ENCS 282	
			Computation Arts Elective*			
Year 3	Winter	CART 412	Project Studio II	3.00	CART 411; written permission of the Department	
			Computation Arts Elective*			

* For the list of Computation Arts electives which students must complete, please consult section 81.90.2 in the Undergraduate Calendar.

IMPORTANT NOTE: the Computation Arts Core has been updated and this is not yet reflected in the above sequence. Please refer to the Undergraduate Calendar, section 81.90.2 when registering for courses. The sequence will be updated shortly.