



### Informatics Prerequisites

Below students will find the prerequisites for the courses in the Informatics undergraduate degree program. Please note that the prerequisites are listed with only the Informatics course numbers; some Informatics courses are cross-listed with equivalent (but differently numbered) courses in ICS. Please see the UCI Catalogue for exact details.

	<i>COURSE NUMBER</i>	<i>COURSE NAME</i>	<i>PREREQUISITES</i>
First Year	Philosophy 29 or Philosophy 30 or Math 13	Critical Reasoning or Introduction to Symbolic Logic or Introduction to Abstract Math	(none) or (none) or (none)
	Informatics 41 (6 unit)	Informatics Core I	(none)
	Informatics 42 (6 unit)	Informatics Core II	Informatics 41
	Informatics 43 (6 unit)	Informatics Core III	Informatics 42
	Informatics 44 (2 unit)	Seminar in Informatics Research Topics	(none)
	ICS 23	Fundamental Data Structures	Informatics 42
	ICS 6A or Math 6A	Discrete Mathematics for Computer Science	High school mathematics through trigonometry
Second Year	Stat 7 Math 7 or Stat 67 or Math 67	Basic Statistics or Introduction to Probability and Statistics	(none) or Math 2B, 6A, and 6C or 3A
	Informatics 101	Concepts in Programming Languages I	Informatics 43
	Informatics 102	Concepts in Programming Languages II	Informatics 101
	Informatics 111	Software Tools and Methods	Informatics 43
	Informatics 113	Requirements Analysis and Engineering	Informatics 111; Math 6A; Math/Stat 7 or 67
	Informatics 115	Software Specification and Quality Engineering	Informatics 111; Math 6A; Math/Stat 7 or 67; Philosophy 29 or 30 or Math 13
	Informatics 131	Human-Computer Interaction	Informatics 42
	Informatics 132	Project in Human-Computer Interaction and User Interfaces	Informatics 131
	Informatics 121	Software Design I	Informatics 102
Third Year	Informatics 122	Software Design II	Informatics 121
	Informatics 123	SW Architecture, Distributed Systems, and Interoperability	Informatics 122
	Informatics 161	Social Analysis of Computerization	Informatics 43
	Informatics 162	Organizational Information Systems	Informatics 161
	Informatics 163	Project in Social & Organizational Impacts of Computing	Informatics 162
	CompSci 122A	Introduction to Database Management	Informatics 43
Fourth Year	CompSci 122B	Project in Database Management	CompSci 122A
	Informatics 141	Information Retrieval	Informatics 43; Math/Stat 7 or 67
	Informatics 143	Information Visualization	Informatics 131 (pre- or co-requisite)
	Informatics 151	Project Management	Informatics 43, 161
	Informatics 153	Computer-Supported Cooperative Work	Informatics 43, 161
	Informatics 191ABC (3 quarter course)	Senior Design Project	Informatics 123, 132, 163; CompSci 122A; Informatics 151 (co-requisite)