HOME   UNDERGRADUATE ⌄   GRADUATE ⌄   RESEARCH ⌄   PEOPLE ⌄   ABOUT ⌄   ENGAGEMENT ⌄

2021 – 2022 Undergraduate Course Offerings

Below is a list of undergraduate courses currently scheduled to be offered starting in Fall 2021. Please refer to the UCR General Catalog for course descriptions. Course offerings from previous years can be viewed in our Archive.

> **Note:** Course offerings, available sections and professor assignments are subject to change without notice. Additional courses may be added, please check again later to see if there are any other courses you would like to take.

Course	Course Title	Fall 2021	Winter 2022	Spring 2022
ENGR 001	Professional Development and Mentoring	Paea LePendu		
ENGR 101	Professional Development and Mentoring		Michalis Faloutsos	
ENGR 180	Technical Communications	Burton/Graham	Burton/Graham	Burton/Graham
CS 005	Introduction to Computer Programming	Sandra Ruiz	Sandra Ruiz	Sandra Ruiz
CS 006	Effective Use of the World Wide Web	Ryan Rusich Niloofar Montazeri	Ryan Rusich TBA	Ryan Rusich TBA
CS 008	Introduction to Computing	Toby Gustafson	Toby Gustafson	Toby Gustafson
CS 009P	Introduction to Python Programming with	Mariam	Mariam	Kris Miller

	Applications	Salloum	Salloum	
CS 010A	Intro to Computer Science for Science, Mathematics, & Engineering	Kelly Downey Kris Miller Frank Vahid	Kelly Downey	Kelly Downey Frank Vahid
CS 010B	Intro to Computer Science for Science, Mathematics, & Engineering II	Kris Miller	Kris Miller Niloofar Montazeri	Kris Miller
CS 010C	Introduction to Data Structures and Algorithms	Fuad Jamor Amey Bhangale	Amr Magdy Paea LePendu	Amr Magdy Neftali Medina Paea LePendu
CS 061	Machine Organization and Assembly Language Programming	Allan Knight	Allan Knight	Kelly Downey Allan Knight
CS 100	Software Construction	Reem Ali Neftali Medina	Reem Ali Neftali Medina	Reem Ali Neftali Medina
CS 105	Introduction to Data Science	Elena Strzheletska	Elena Strzheletska	
CS 110	Web Development			Mariam Salloum
CS 111	Discrete Structures	Elena Strzheletska	Marek Chrobak Elena Strzheletska	Marek Chrobak Elena Strzheletska
CS/EE 120A	Logic Design	TBA (ECE Dept)	TBA (ECE Dept)	TBA (ECE Dept)
CS/EE 120B	Introduction to Embedded Systems	Philip Brisk	Philip Brisk	Philip Brisk
CS 122A	Intermediate Embedded and Real-Time Systems			Frank Vahid
CS 130	Computer Graphics	Craig Schroeder	Tamar Shinar	
CS 135	Virtual Reality	Jiasi Chen	Jiasi Chen	
CS 141	Intermediate Data Structures and Algorithms	Yan Gu Yihan Sun	Ahmed Eldawy Elena Strzheletska	Amey Bhangale Elena Strzheletska

CS 142	Algorithm Engineering		Yan Gu	
CS 144	Algorithm for BioInformatics			Stefano Lonardi
CS 145	Combinatorial Optimization Algorithms			Silas Richelson
CS/EE 147	GPU Programming			Daniel Wong (ECE faculty)
CS 150	Automata and Formal Languages	Tao Jiang	Tao Jiang	Paea LePendu
CS 152	Compiler Design	Zhijia Zhao	Neftali Medina	Rajiv Gupta
CS 153	Design of Operating Systems	Chengyu Song	Nael Abu-Ghazaleh	Heng Yin
CS 160	Concurrent Programming and Parallel Systems	Zizhong Chen		
CS 161	Design and Architecture of Computer Systems	Walid Najjar	Zizhong Chen	Elaheh Sadredini
CS 161L	Laboratory in Design & Architecture of Computer Systems		Allan Knight	Allan Knight
CS 164	Computer Networks	KK Ramakrishnan		
CS 165	Computer Security	Zhiyun Qian		
CS 166	Database Management Systems		Vassilis Tsotras	Vassilis Tsotras
CS 167	Introduction to Big Data Management			Ahmed Eldawy
CS/EE 168	Introduction to Very Large Scale Integration Design		Sheldon Tan (ECE Faculty)	
CS 169	Mobile Wireless Networks		Srikanth Krishnamurthy	
CS 170	Introduction to Artificial Intelligence	Eamonn Keogh		Niloofar Montazeri
CS 171/EE 142	Introduction to Machine Learning and Data Mining	Salman Asif	Vagelis Papalexakis	Christian Shelton
CS 172	Introduction to Information Retrieval			Vagelis

				Hristidis
CS 173	Introduction to NLP		Paea LePendu	
CS 175	Entrepreneurship in Computing			Michalis Faloutsos
CS 178A	Project Sequence in CSE	Mariam Salloum		
CS 178B	Project Sequence in CSE		Mariam Salloum	
CS 179E	Compilers	Mohsen Lesani		
CS 179F	Operating Systems	Zhiyun Qian		
CS 179G	Database Systems	Vagelis Hristidis		
CS 179I	Networks			KK Ramakrishnan
CS 179J	Computer Architecture and Embedded Systems		Walid Najjar	
CS 179M	Artificial Intelligence		Eamonn Keogh	
CS 179N	Graphics and Electronic Games			Craig Schroeder
CS 180	Introduction to Software Engineering	Manu Sridharan		Zhijia Zhao
CS 181	Principles of Programming Languages		Manu Sridharan	
CS 183	UNIX System Administration	Ali Davanian		

UC RIVERSIDE

Department of Computer Science and Engineering

Winston Chung Hall, Room 351
Bourns College of Engineering
Riverside, CA 92521-0429

Related Links

Department Intranet

Twitter

UCR Library

Campus Store

Career Opportunities

Diversity

Maps and Directions

Visit UCR

Tel: (951) 827-5639

Fax: (951) 827-9345

Email: contact@cs.ucr.edu

 Facebook

Privacy Policy   Terms and Conditions   © 2019 Regents of the University of California