

## 2025-2026 Undergraduate Course Offerings

Below is a list of undergraduate courses currently scheduled to be offered beginning in Fall 2025. For course descriptions, please refer to the [UCR General Catalog](#). Offerings from previous years can be found 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.

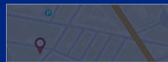
Course	Course Title	Fall 2025	Winter 2026	Spring 2026
<a href="#">ENGR 001</a>	Professional Development and Mentoring	Paea LePendu		
<a href="#">ENGR 101</a>	Professional Development and Mentoring		Allan Knight	
<a href="#">ENGR 180W</a>	Technical Communications	Burton/Graham	Burton/Graham	Burton/Graham
<a href="#">CS 005</a>	Introduction to Computer Programming	Ryan Rusich	Ryan Rusich	Ryan Rusich
<a href="#">CS 006</a>	Effective Use of the World Wide Web	Ryan Rusich Harini Venkatesan	Ryan Rusich Harini Venkatesan	Ryan Rusich Harini Venkatesan
<a href="#">CS 008</a>	Introduction to Computing	Toby Gustafson	Toby Gustafson	Toby Gustafson
<a href="#">CS 009A</a>	Data-Oriented Introduction to Computing I (Python)	Alireza Abdoli	Alireza Abdoli	Weizi Li
<a href="#">CS 009B</a>	Data-Oriented Introduction to Computing II (Python)	TBA	TBA	Saul Gonzalez
<a href="#">CS 009C</a>	C++ for Programmers (2 units)	Alireza Abdoli	Alireza Abdoli	Alireza Abdoli
<a href="#">CS 010A</a>	Intro to Computer Science for Science, Mathematics, & Engineering I (C++)	Kelly Downey Saul Gonzalez Westin Montano	Kelly Downey Westin Montano	Kelly Downey Westin Montano
<a href="#">CS 010B</a>	Intro to Computer Science for Science, Mathematics, & Engineering II (C++)	Kris Miller Saul Gonzalez	Kris Miller Saul Gonzalez	Kris Miller Saul Gonzalez
<a href="#">CS 010C</a>	Introduction to Data Structures and Algorithms	TBA	TBA	TBA
<a href="#">CS 042</a>	A Hitchhiker's Guide to Artificial Intelligence			Paea LePendu
<a href="#">CS 061</a>	Machine Organization and Assembly Language Programming	Kris Miller	Kris Miller	Kris Miller
<a href="#">CS 100</a>	Software Construction	Neftali W. Medina Allan Knight	Neftali W. Medina Allan Knight	Neftali W. Medina Alireza Abdoli
<a href="#">CS 105</a>	Data Analysis Methods	Elena Strzheletska	Elena Strzheletska	Elena Strzheletska
<a href="#">CS 106</a>	Introduction to Computer Security		Trent Jaeger	
<a href="#">CS/STAT 108</a>	Data Science Ethics		Mariam Salloum	STAT
<a href="#">CS 110</a>	Principles of Web Development			Mariam Salloum
<a href="#">CS 111</a>	Discrete Structures	Elena Strzheletska	Elena Strzheletska	Elena Strzheletska
<a href="#">CS 119L</a>	Laboratory in Problem Solving and Programming (1 unit)	Yan Gu	Yan Gu	
<a href="#">CS/EE 120A</a>	Logic Design	Jia Chen (ECE Faculty)	Jia Chen (ECE Faculty)	Jia Chen (ECE Faculty)
<a href="#">CS/EE 120B</a>	Introduction to Embedded Systems	Allan Knight		Philip Brisk
<a href="#">CS 122A</a>	Intermediate Embedded and Real-Time Systems			Allan Knight
<a href="#">CS 130</a>	Computer Graphics	Craig Schroeder	Tamar Shinar	
<a href="#">CS 131</a>	Edge Computing		Hang Qiu (ECE faculty)	Neftali W. Medina
<a href="#">CS 135</a>	Virtual/Augmented Reality			Hang Qiu (ECE faculty)
<a href="#">CS 141</a>	Intermediate Data Structures and Algorithms	Amey Bhargale	Yan Gu Yihan Sun	Mingxun Wang
<a href="#">CS 145</a>	Combinatorial Optimization Algorithms		Silas Richelson	
<a href="#">CS/EE 148</a>	Artificial Intelligence for Robotics	Jiachen Li (ECE faculty)		
<a href="#">CS 150</a>	Automata and Formal Languages	Tao Jiang	Paea LePendu	TBA
<a href="#">CS 152</a>	Compiler Design	Zhijia Zhao	Neftali W. Medina	Jay Lim
<a href="#">CS 153</a>	Design of Operating Systems	Heng Yin	Nael Abu-Ghazaleh	Chengyu Song
<a href="#">CS 160</a>	Concurrent Programming and Parallel Systems			Zhijia Zhao
<a href="#">CS 161</a>	Design and Architecture of Computer Systems	Elaheh Sadredini	Elaheh Sadredini	Elaheh Sadredini

<a href="#">CS 161L</a>	Laboratory in Design & Architecture of Computer Systems		Allan Knight	Allan Knight
<a href="#">CS 162</a>	Computer Architecture		Bingyao Li	
<a href="#">CS 163</a>	Privacy Technologies		Emiliano De Cristofaro	
<a href="#">CS 164</a>	Computer Networks	K.K. Ramakrishnan		
<a href="#">CS 165</a>	Computer Security	Trent Jaeger	Heng Yin	
<a href="#">CS 166</a>	Database Management Systems	Mariam Salloum	Mariam Salloum	Vassilis Tsotras
<a href="#">CS 167</a>	Introduction to Big Data Management	Ahmed Eldawy		
<a href="#">CS/EE 168</a>	Introduction to Very Large Scale Integration (VLSI) Design	Sheldon Tan (ECE Faculty)		
<a href="#">CS 169</a>	Mobile Wireless Networks		Srikanth Krishnamurthy	
<a href="#">CS 170</a>	Introduction to Artificial Intelligence	Neftali W. Medina	Eamonn Keogh	Ioannis Karamouzas
<a href="#">CS 171/EE 142</a>	Introduction to Machine Learning and Data Mining	Vagelis Papalexakis	Salman Asif (ECE Faculty)	Christian Shelton
<a href="#">CS 172</a>	Introduction to Information Retrieval			Vagelis Hristidis
<a href="#">CS 173</a>	Introduction to NLP	Yue Dong		Paea LePendu
<a href="#">CS 175</a>	Entrepreneurship in Computing	Michalis Faloutsos		
<a href="#">CS 178A</a>	Project Sequence in CSE	Michalis Faloutsos		
<a href="#">CS 178B</a>	Project Sequence in CSE		Michalis Faloutsos	
<a href="#">CS 179F</a>	Project in CS: Operating Systems	Emiliano De Cristofaro		Zhiyun Qian
<a href="#">CS 179G</a>	Project in CS: Database Systems	Vagelis Hristidis	Paea LePendu	
<a href="#">CS 179J</a>	Project in CS: Networks		K.K. Ramakrishnan	
<a href="#">CS 179I</a>	Project in CS: Embedded Systems		Philip Brisk	
<a href="#">CS 179M</a>	Project in CS: Artificial Intelligence	Eamonn Keogh	Paea LePendu	
<a href="#">CS 179N</a>	Project in CS: Graphics and Electronic Games			Tamar Shinar
<a href="#">CS 180</a>	Introduction to Software Engineering	Manu Sridharan		Qian Zhang
<a href="#">CS 181</a>	Principles of Programming Languages		Manu Sridharan	
<a href="#">CS 182</a>	Software Testing and Verification	Qian Zhang		
<a href="#">CS 183</a>	UNIX System Administration			Zhaowei Tan
<a href="#">CS 189</a>	Apprentice Tutoring	Ashley Pang		



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