

Tentative 2014-2015 Course Offerings

Bioinformatics and Genomics Track

Course	Fall	Winter	Spring
BCH 100: Elementary Biochemistry (4)	X	X	X
BCH 110A: General Biochemistry (4)	X		
BCH 110C: General Biochemistry (4)			X
BCH 162: Biochemistry and Molecular Biology Lab (5)			
BCH/BIOL/BPSC 153: Plant Genomics and Biotechnology Lab (4)			
BIOL 102: Intro Genetics (4)	X	X	X
BIOL 105: Evolution (4)	X	X	X
BIOL 107A: Molecular Biology (4)	X	X	X
BIOL 107B: Advanced Molecular Biology (3)			X
BIOL 108: Intro Population Genetics (4)	X		
BIOL 119: Intro to Genomics and Bioinformatics (4)	X		X
BPSC/BIOL 148: Quantitative Genetics (4)		X	
CBNS/ENTX 150: Cancer Biology (4)			X
CS 010: Intro to Computer Science for Science, Math, Engineering I (4)	X	X	X
CS 012: Intro to Computer Science for Science, Math, Engineering II (4)	X	X	X
CS 014: Intro to Data Structures and Algorithms (4)	X	X	X
CS 141: Intermediate Data Structures and Algorithms (4)	X		X
CS 166: Database Management Systems (4)	X		X
CS 170: Intro to Artificial Intelligence (4)	X		
CS 171: Intro to Machine Learning and Data Mining (4)			
MATH 009C: First-Year Calculus (4)	X	X	X
MATH 120: Optimization (4)	X		X
MATH 135A: Numerical Analysis (4)	X		
PHIL 117: Environmental Ethics (4)			
PHIL 118: Personhood and Personal Identity (4)			
PHIL 161: Ethics (4)			
RLST 170: Current Issues in Religious Ethics (4)			
STAT 100A: Intro to Statistics (5)	X	X	X
STAT 100B: Intro to Statistics (5)	X	X	X
STAT 160A: Elements of Probability and Statistical Theory (4)	X		
STAT 160B: Elements of Probability and Statistical Theory (4)		X	
STAT 160C: Elements of Probability and Statistical Theory (4)			X
STAT 161: Intro to Probability Models (4)			X
STAT 170A: Regression Analysis (4)	X		
STAT 170B: Design of Experiments (4)		X	