

Articulation Agreement by Major
Effective during the 06-07 Academic Year
Based on the 06-07 UC Transfer Course Agreement

To: **UC Irvine** | From: **Orange Coast College**
06-07 General Catalog | Quarter | 06-07 General Catalog Semester

====Biological Sciences, B.S.====

Junior-level applicants with the highest grades overall and who have satisfactorily completed course prerequisites will be given preference for admissions. All applicants must complete one year of general chemistry (with laboratory) with grades of B or better and have a cumulative GPA of 3.0 or higher.

Transfer students are advised to complete as many articulated biology and lower-division degree requirements as possible prior to transfer. For information contact the School of Biological Sciences at (949) 824-5318, www.bio.uci.edu.

Effective for transfer students entering UC Irvine Fall 2008; Completion of lower-division biology courses equivalent to UC Irvine's BIO SCI 93, 94, and 100L will be required. These courses must be completed with a C or better.

Note: Once enrolled at UCI, School of Biological Sciences majors may take only UCI courses to satisfy major requirements.

BIO SCI 93	From DNA to Organisms	(4)	BIOL 181	Cell & Molecular Biology	(4)
			<u>OR</u>		
			BIOL 181H	Honors Cell and Molecular Biology	(4)
BIO SCI 94	From Organisms to Ecosystems	(4)	BIOL 185	Diversity of Organisms	(5)
BIO SCI 100L	Experimental Biology Laboratory	(4)	BIOL 181	Cell & Molecular Biology	(4)
			<u>OR</u>		
			BIOL 185	Diversity of Organisms	(5)
BIO SCI 97	Genetics	(4)	BIOL 283	Genetics	(4)
BIO SCI 98	Biochemistry	(4)	BIOL 281	Molecular Biology 1: Biochemistry	(2)
			<u>OR</u>		
			BIOL 281H	Honors Molecular Biology 1: Biochemistry	(2)

To: UC Irvine, From: Orange Coast College, 06-07

Biological Sciences, B.S. (continued)

BIO SCI 99	Molecular Biology	(4)		BIOL 282	Molecular Biology 2:	(2)
					Molecular Biology	
				<u>OR</u>		
				BIOL 282H	Honors Molecular	(2)
					Biology 2: Molecular	
					Biology	

CHEM 1A	<u>&</u> General Chemistry	(4)		CHEM 180	<u>&</u> General Chemistry	(5)
CHEM 1B	<u>&</u> General Chemistry	(4)		CHEM 185	General Chemistry	(5)
CHEM 1LB	<u>&</u> General Chemistry	(2)				
	Laboratory					
CHEM 1C	<u>&</u> General Chemistry	(4)				
CHEM 1LC	General Chemistry	(2)				
	Laboratory					

CHEM 51A	<u>&</u> Organic Chemistry	(4)		CHEM 220	<u>&</u> Organic Chemistry	(3)
CHEM 51LA	<u>&</u> Organic Chemistry	(2)		CHEM 221	<u>&</u> Organic Chemistry	(2)
	Laboratory				Laboratory	
CHEM 51B	<u>&</u> Organic Chemistry	(4)		CHEM 225	<u>&</u> Organic Chemistry	(3)
CHEM 51LB	<u>&</u> Organic Chemistry	(2)		CHEM 226	Organic Chemistry	(2)
	Laboratory				Laboratory	
CHEM 51C	Organic Chemistry	(4)				

MATH 2A	<u>&</u> Single-Variable Calculus	(4)		MATH 180	Calculus 1	(4)
				<u>OR</u>		
MATH 2B	<u>&</u> Single-Variable Calculus	(4)		MATH 180H	<u>&</u> Honors Calculus 1	(4)
MATH 2D	Multivariable Calculus	(4)		MATH 185	Calculus 2	(4)
				<u>OR</u>		
MATH 2J	Infinite Series and Basic	(4)		MATH 185H	Honors Calculus 2	(4)
	Linear Algebra					
				<u>OR</u>		
				MATH 182H	Honors Calculus 1 and	(5)
					2	
				(MATH 182H = MATH 2A & 2B ONLY)		
	<u>OR</u>				<u>OR</u>	

To: UC Irvine, From: Orange Coast College, 06-07

Biological Sciences, B.S. (continued)

MATH 2A	&	Single-Variable Calculus	(4)	MATH 182H	Honors Calculus 1 and 2	(5)
				<u>OR</u>		
MATH 2B	&	Single-Variable Calculus	(4)	MATH 180	Calculus 1	(4)
				<u>OR</u>		
BIO SCI 7		Biostatistics	(4)	MATH 180H	& Honors Calculus 1	(4)
				<u>OR</u>		
MATH 7		Basic Statistics	(4)	MATH 160	Introduction to Statistics	(3)
		Same as: STATS 7		<u>OR</u>		
				MATH 160H	Honors Introduction to Statistics	(3)
				<u>OR</u>		
				PSYCH 160	Statistics for Behavioral Sciences	(3)
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PHYSICS 3A	&	Basic Physics	(4)	PHYS 130	& General Mechanics/Waves/Thermodynamics	(4)
PHYSICS 3B	&	Basic Physics	(4)	PHYS 135	General Electromagnetism/Light/Modern Physics	(4)
PHYSICS 3LB	&	Basic Physics Laboratory	(1.5)			
PHYSICS 3C	&	Basic Physics	(4)			
PHYSICS 3LC		Basic Physics Laboratory	(1.5)			
				<u>OR</u>		
PHYSICS 7A	&	Classical Physics	(4)	PHYS 185	& General Physics: Mechanics, Waves	(4)
PHYSICS 7LA	&	Classical Physics Laboratory	(1)	PHYS 280	General Physics: Electricity and Magnetism	(4)
				<u>OR</u>		
PHYSICS 7B	&	Classical Physics	(4)	PHYS 185	& General Physics: Mechanics, Waves	(4)
PHYSICS 7LB	&	Classical Physics Laboratory	(1)	PHYS 285	General Physics: Thermodynamics, Light, Relativity, Quantum Physics	(4)
PHYSICS 7D	&	Classical Physics	(4)			
PHYSICS 7LD		Classical Physics Laboratory	(1)			
				<u>OR</u>		
PHYSICS 7E		Classical Physics	(4)			

END OF BIOLOGICAL SCIENCES

END OF MAJOR