



**Chapman University**  
**Articulation and Transfer Guide**  
**Schmid College of Science**  
**Saddleback College**  
**2008-2009**

Schmid College of Science offers the following degrees: [BS Biological Sciences](#), [BS Biochemistry](#), [BS Chemistry](#), [BS Computer Information Systems](#), [BS Computer Science](#), [BS Health Sciences](#), [BS Mathematics](#), [BA Psychology](#)

This guide includes lower division courses students can complete prior to transfer that satisfy requirements in the major and prepare them for upper division level study at Chapman University. Completion of any or all of the requirements listed is not required nor does it guarantee admission. Please refer to the current catalog for a complete list of each program's requirements.

**Department of Biological Sciences**  
**BS Biological Studies**

**BS Biological Sciences**

Chapman University BS Biological Sciences Major Prep Courses	Saddleback College Courses
BIOL 204 General Biology I	BIO 3A
BIOL 205 General Biology I	BIO 3B
BIOL 208 Introduction to Molecular Genetics and Cell Biology	BIO 3C
BIOL 209 Introduction to Molecular Genetics and Cell Biology Laboratory	
CHEM 140 General Chemistry I	CHEM 1A
CHEM 150 General Chemistry II	CHEM 1B
CPSC 230 Computer Science I	CS 1A, CIM 2A or CIM 7A
MATH 110 Single Variable Calculus I	MATH 3A
MATH 111 Single Variable Calculus II	MATH 3B
MATH 203 Introduction to Statistics	MATH 10
PHYS 107 General Physics I for Life Sciences	PHYS 4A
PHYS 108 General Physics II for Life Sciences	PHYS 4B

**Department of Chemistry**  
**BS Biochemistry, BS Chemistry**

**BS Biochemistry**

Chapman University BS Biochemistry Major Prep Courses	Saddleback College Courses
CHEM 140 General Chemistry I	CHEM 1A
CHEM 150 General Chemistry II	CHEM 1B
BIOL 204 General Biology I	BIO 3A

BIOL 208 Introduction to Molecular Genetics and Cell Biology	BIO 3C
BIOL 209 Introduction to Molecular Genetics and Cell Biology Laboratory	
MATH 110 Single Variable Calculus I	MATH 3A
MATH 111 Single Variable Calculus II	MATH 3B
PHYS 107 General Physics I for Life Sciences	PHYS 4A
PHYS 108 General Physics II for Life Sciences	PHYS 4B

### **BS Chemistry**

Chapman University BS Chemistry Major Prep Courses	Saddleback College Courses
CHEM 140 General Chemistry I	CHEM 1A
CHEM 150 General Chemistry II	CHEM 1B
MATH 110 Single Variable Calculus I	MATH 3A
MATH 111 Single Variable Calculus II	MATH 3B
PHYS 101 General Physics I (calc 1 prereq)	PHYS 4A
PHYS 102 General Physics II (calc 2 prereq)	PHYS 4B

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### **Health Sciences**

**BS Health Sciences: All courses in the major must be taken for a letter grade and passed with a "C" or higher**

Chapman University BS Health Sciences Major Prep Courses	Saddleback College Courses
<u>Core Courses</u>	
BIOL 204 General Biology I	BIO 3A
BIOL 210 Human Anatomy	BIO 11
CHEM 140 General Chemistry I	CHEM 1A
CHEM 150 General Chemistry II	CHEM 1B
PHYS 107 General Physics I for Life Sciences	PHYS 4A
PHYS 108 General Physics II for Life Sciences	PHYS 4B
<u>Behavioral and Social Sciences</u>	
PSY 203 Statistics for the Behavioral Sciences	MATH 10 approved substitution
PSY 204 Research Methods for the Behavioral Sciences	PSYC 2
<u>Science requirements/prerequisites</u>	
PSY 101 Introduction to Psychology	PSYC 1
MATH 110 Single Variable Calculus I	MATH 3A
MATH 111 Single Variable Calculus II	MATH 3B
<u>Electives</u>	
FSN 200 Human Nutrition	FN 50
CPSC 230 Computer Science I	CS 1A, CIM 2A or CIM 7A
PSYC 333 Physiological Psychology	PSYC 3 – no upper division credit, lower division credit only

## Department of Mathematics, Computer Science and Physics

### **BS Math: All courses in the major must be taken for a letter grade**

Chapman University BS Math Major Prep Courses	Saddleback College Courses
MATH 110 Single Variable Calculus I	MATH 3A
MATH 111 Single Variable Calculus II	MATH 3B
MATH 210 Multivariable Calculus	MATH 3C
MATH 211 Linear Algebra	MATH 26
MATH 250 Discrete Mathematics I	No comparable course
CPSC 230 Computer Science I (Python language)	CS 1A, CIM 2A or CIM 7A
CPSC 231 Computer Science II (Adv Java)	CS 4A + 4B
General Science Requirement: A two-semester sequence of laboratory natural science courses.	One of the following sequences: BIO 3A + 3B CHEM 1A + 1B PHYS 4A + 4B

### **BS Computer Science: All courses in the major must be taken for a letter grade**

Chapman University BS Computer Science Major Prep Courses	Saddleback College Courses
MATH 110 Single Variable Calculus I	MATH 3A
MATH 111 Single Variable Calculus II	MATH 3B
MATH 210 Multivariable Calculus	MATH 3C
MATH 211 Linear Algebra	MATH 26
MATH 250 Discrete Mathematics I	No comparable course
CPSC 230 Computer Science I (Python language)	CS 1A
CPSC 231 Computer Science II (Adv Java)	CS 4A + 4B
CPSC 236 Visual Programming (C#)	No approved course
CPSC 250 Computer Systems and Assembly Language Programming	CS 3B

### **BS Computer Information Systems: All courses in the major must be taken for a letter grade**

Chapman University BS Computer Information Systems Major Prep Courses	Saddleback College Courses
MATH 110 Single Variable Calculus I	MATH 3A
MATH 203 Introduction to Statistics	MATH 10
CPSC 230 Computer Science I	CS 1A, CIM 2A or CIM 7A
CPSC 231 Computer Science II	CS 4A + 4B
CPSC 236 Visual Programming (C#)	No approved course
ACTG 210 Introduction to Financial Accounting	ACCT 1A
ACTG 211 Introduction to Managerial Accounting	ACCT 1B
ECON 200 Principles of Microeconomics	ECON 4
ECON 201 Principles of Macroeconomics	ECON 2

## Department of Psychology

**BA Psychology: All courses in the major must be taken for a letter grade and passed with a "C" or higher**

Chapman University BA Psychology Major Prep Courses	Saddleback College Courses
PSY 101 Introduction to Psychology	PSYC 1
PSY 203 Statistics for the Behavioral Sciences	MATH 10
PSY 204 Research Methods in the Behavioral Sciences	PSYC 2
PSY 333 Physiological Psychology	PSYC 3 – not for upper division credit, lower division only

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