



SCHOOL OF
SCIENCE

**Majors and Programs in the School of Science
and Courses Normally Taken in the First 2 Years—should be completed before transfer.**

Biology

- 1st Year: Chem 8/9 and 10/11 (General Chemistry); Math 27 and Math 28 (Calculus)
2nd Year: Chem 104/104L and 106/106L (Organic Chemistry);
Bio 1/1L and Bio 2/2L (Introductory Biology)

Chemistry

- 1st Year: Chem 8/9 and 10/11 (General Chemistry); Math 27 and Math 38 (Calculus)
2nd Year: Chem 104/104L and 106/106L (Organic Chemistry);
Physics 1/2 and 3/4 (Introduction to Physics)

Biochemistry

- 1st Year: Chem 8/9 and 10/11 (General Chemistry); Math 27 and Math 28 (Calculus)
2nd Year: Chem 104/104L and 106/106L (Organic Chemistry);
Bio 1/1L and Bio 2/2L (Introductory Biology)

Mathematics

- 1st Year: Math 27 and Math 38 (Calculus)
2nd Year: Math 39 (Calculus III), Math 120 (Linear Algebra with Applications), and
Introduction to Programming (CS 21)

Physics

- 1st Year: Math 27 and Math 38 (Calculus); Physics 1/2 and 3/4 (Introduction to Physics)
2nd Year: Physics 60 (Modern Physics); Math 39 (Calculus III)
and Math 134 (Differential Equations)

Psychology

- 1st Year: Psych 1 (Personal-Social Psychology)
and Psych 2 (Physio-Experimental Psychology)
2nd Year: Psych 3 (Psychological Methods and Analysis I)
and one upper division psychology course

Health Science

- 1st Year: Chem 8/9 and 10/11 (General Chemistry); Math 27 and Math 28 (Calculus)
2nd Year: Bio 15/16 (Anatomy) and Bio 25/26 (Physiology);

Bio 1/1L and Bio 2/2L (Introductory Biology)

Environmental Science/Studies

1st Year: Chem 8/9 and 10/11 (General Chemistry); Math 27 (Calculus)

2nd Year: Bio 1/1L and Bio 2/2L (Introductory Biology)

Engineering (3+2) [Not recommended for transfers—must complete 18 courses at SMC]

1st Year: Math 27 and Math 38 (Calculus); Physics 1/2 and 3/4 (Introduction to Physics)

2nd Year: Physics 60 (Modern Physics); Math 39 (Calculus III)
and Math 134 (Differential Equations)

Program and Department Contacts

Biology

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Environmental Science/Studies

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