Biological Sciences
2006-2007 Degree Program

A.S. Degree - Biological Sciences
A.A./A.S. Degree Requirements
1. Completion of a minimum of 90 quarter units of college credit, including:
   • A minimum of 24 quarter units must be earned at De Anza College.
   • A maximum of 22 quarter units from another institution may be applied toward the MAJOR.
2. Completion of all General Education requirements (31-42 quarter units) for the A.A./A.S. degree with a minimum 2.0 (C) grade point average.
3. Completion of all Major requirements with a minimum 2.0 (C) grade point average. Major requirement courses can ALSO be used to satisfy G.E. requirements.
4. Completion of all De Anza courses must be with a minimum 2.0 (C) grade point average, and all De Anza courses combined with courses transferred from other colleges or universities must be with minimum 2.0 (C) grade point average.

Students are encouraged to see a counselor or adviser for academic planning and to apply for the degree.

Major Requirements Units
BIOL 6A Form and Function in Plants and Animals 6
BIOL 6B Cell and Molecular Biology 6
BIOL 6C Evolution, Systematics, and Ecology 6
CHEM 1A General Chemistry 5
CHEM 1B General Chemistry 5
CHEM 1C General Chemistry and Qualitative Analysis 5

Complete a minimum of 15 units from one of the two degree option sequences listed below.

Option 1: Organic Chemistry Emphasis
CHEM 12A Organic Chemistry (5)
CHEM 12B Organic Chemistry (5)
CHEM 12C Organic Chemistry (5)

Option 2: Physics Emphasis
PHYS 2A General Introductory Physics (5)
PHYS 2B General Introductory Physics (5)
PHYS 2C General Introductory Physics (5)

or
PHYS 4A Physics for Scientists and Engineers (Mechanics) (6)
PHYS 4B Physics for Scientists and Engineers (Electricity and Magnetism) (6)
PHYS 4C Physics for Scientists and Engineers (Fluids, Waves, Optics, and Thermodynamics) (6)

Total Units Required for Major 48-51

Recommended elective courses:
BIOL 13, BIOL 15, BIOL 26, BIOL 40A-C, ES 1, ESCI 19, MATH 1A-D, MATH 10

Students may complete either the Organic Chemistry or the Physics option in order to receive the A.S. Degree in Biological Sciences from De Anza College. For students planning to transfer to a four-year institution, it is advised to complete both the Organic Chemistry and Physics options. Course sequences in both are required in most B.S. Biology programs.

Updated 6-27-06