



DIVISION OF MATHEMATICS, SCIENCE AND ENGINEERING

ASTRONOMY

DR. MITCH HAERI • 949/582-4815

The Astronomy Associate Degree Program prepares students for entry-level career opportunities such as Planetarium or Observatory Technician/Assistant by working with the Saddleback College Solar Observatory. Completion of the program provides comprehensive preparation for upper-division work at four-year institutions.

BIOLOGY

DR. TONY HUNTLEY • 949/582-4401

STEVE TEH • 949/582-4741

The Biology Associate Degree Program gives the transfer biological science major the opportunity to obtain an AA or AS degree in the student's area of specialization including pre-med and other pre-professional allied health areas. Completion of the program provides comprehensive preparation for upper-division work. While a baccalaureate degree is recommended for those considering professional careers, attainment of an AA or AS degree supports attempts to gain entry-level employment in the biological science fields.

CHEMISTRY

SCOTT FIER • 949/582-4687

The Chemistry Associate Degree Program gives the transfer chemistry major the opportunity to achieve an AA or AS degree in the student's area of specialization. Completion of the program provides comprehensive preparation for upper-division work. While a baccalaureate degree is recommended for those considering professional careers related to chemistry, the attainment of an AA or AS degree supports attempts to gain entry-level employment at the technician level in government and academic chemical laboratories, and in industries such as chemicals, petroleum, foods, pharmaceuticals, medical/dental products, plastics, and environmental and analytical services.

COMPUTER SCIENCE

CHRIS CARROLL • 949/582-4948

The Computer Science Associate Degree Program prepares the student for junior-level standing in a computer science program. Completion of the program provides the general background and specialized skills necessary to find employment in industry, business, and academia.

ENGINEERING

DR. MITCH HAERI • 949/582-4815

The engineering curriculum lets the transfer student achieve an Associate in Science degree in his/her area of interest. A baccalaureate degree is recommended preparation for

those considering professional careers in this field, and the completion of the suggested program at Saddleback provides comprehensive preparation for upper-division engineering. This program is based on recommendations of the Engineering Liaison Committee of the State of California. It prepares the student for junior standing at colleges and universities in California in any major branch of engineering work.

GEOLOGY

DR. JIM REPKA • 949/582-4694

The Geology Associate Degree Program gives the transfer geology/earth science major the opportunity to achieve an AA or AS degree in the student's area of specialization. A baccalaureate degree is recommended for those considering professional careers in the geological sciences, and completion of the suggested program at Saddleback provides comprehensive preparation for upper-division work. The AS degree also supports attempts to gain entry-level employment as a technician in a number of professional settings.

MATHEMATICS

DR. JEANNE SMITH • 949/582-4315

The curriculum in mathematics gives the transfer student the opportunity to achieve an AA degree in the student's area of specialization. A baccalaureate degree is recommended preparation for those considering professional careers related to this field, and the completion of the suggested program provides comprehensive preparation for upper-division work. The Associate degree also supports attempts to gain entry-level employment in a variety of fields related to mathematics.

OCEANOGRAPHY

DR. JIM REPKA • 949/582-4694

The Oceanography Program prepares the student for junior-level standing as an oceanography major. Completion of the program at Saddleback provides comprehensive preparation for upper-division work along with a general background and specialized skills to help the student find entry-level employment in a number of related marine settings.

PHYSICS

DR. MITCH HAERI • 949/582-4815

The Physics Program prepares students to transfer into majors in physics, chemistry, and engineering at a four-year institution with junior-year standing. Preparation is also provided for professional majors including medicine and dentistry. Many other health service majors and technical programs are complemented by completion of this program.

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DEGREE AND CERTIFICATE PROGRAMS

- Astronomy (AA/AS)
- Biology (AA/AS)
- Chemistry (AA/AS)
- Computer Science (AA/AS)
- Engineering (AA/AS)
- Geology (AA/AS)
- Mathematics (AA)
- Oceanography (Marine Science) (AA/AS)
- Physics (AA/AS)

For more information about these programs, please call:

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949/582-4820

Visit our home page:
www.saddleback.edu/ap/mse

Saddleback College
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Mission Viejo, CA 92692-3635

TDD—telecommunications device
for the deaf: 949/582-4833

Saddleback College is one of California's 109 community colleges, the largest system of higher education in the world. California community colleges offer low-cost, high-quality collegiate courses to all adults who can benefit from the instruction offered.

Saddleback College was founded in 1968 and has a student population of over 24,000.

The campus is located 2 blocks east of the I-5 freeway at the Avery Parkway exit in Mission Viejo.

General Information • 949/582-4500

Admissions • 949/582-4555

Email • info@saddleback.edu

Web Site • www.saddleback.edu

Saddleback College is accredited by the
Accrediting Commission for
Community and Junior Colleges of the
Western Association of Schools and Colleges.

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