

# MATH, SCIENCE AND ENGINEERING

---

The fields of math and science provide a foundation for furthering our understanding of the natural world in order to gain insights and make predictions about future change. There are several avenues for transfer to a four-year university within this pathway, and potential careers include **marine biologist, botanist, environmental scientist, pharmacist, ornamental horticulturist, and more.**

## TYPES OF CLASSES & PROGRAMS

- Astronomy
- Biological Sciences
- Chemistry
- Ecology
- Engineering
- Geology
- Horticulture
- Marine Science
- Mathematics
- Natural Science
- Physics

## PATHWAY SPECIFIC OPPORTUNITIES

- STEM/Science Night
  - Planetarium
  - Astronomy Club
  - Engineering Academy
  - Math Jam
  - JPL Engineering Internship
- 
- Anthropology (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/anthropology/>)
  - Astronomy (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/astronomy/>)
  - Biology (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/biology/>)
  - Chemistry (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/chemistry/>)
  - Engineering (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/engineering/>)
  - Environmental Science and Ecology (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/environmental-science/>)
  - Food Science (<https://catalog.cccd.edu/orange-coast/pathways/hospitality-food-tourism/culinology-food-science/>)
  - Geology (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/geology/>)
  - Horticulture (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/horticulture/>)
  - Marine Science (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/marine-science/>)

- Mathematics (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/mathematics/>)
- Natural Science (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/natural-science/>)
- Physics (<https://catalog.cccd.edu/orange-coast/pathways/math-science-engineering/physics/>)