***Geography:*** *Associate in Arts for Transfer*

*UC*

From local to global scales, geographers study political organization, transportation systems, marketing, economics, climate and weather, urban planning, land use development, globalization, and more. They examine the distribution of landforms, study soils, and vegetation, analyze limited resources such as water, and human impacts on the surface of the planet. In general, geographers work in government research, public agencies, and are environmental consultants for nonprofit organizations.

***Please see a Pathways Counselor:*** Create an education plan customized to meet your needs. [Contact a Counselor](https://www.msjc.edu/hub/)

Transfer Majors/Award Focus

* Geography, A.A.-T CSU, UC
* Geographic Information, A.S.
* Geographic Information, Certificate, Focus: General, Fire & Safety, Water Industry

GE Pattern/Units

* GE Pattern: Option C
* Total Units: 62

**Program maps** indicate the major coursework and recommended general education courses to fulfill your degree in 2 years (approximately 15 units/semester or 30 units/year). If you are a part-time student, start Semester 1 courses and follow the course sequence. Some of the courses listed may be substituted by another course. Please view these options in the official course [catalog](https://catalog.msjc.edu/instructional-programs/).

***Semester 1 14 Units***

|  |  |  |  |
| --- | --- | --- | --- |
| ✔ | COURSE | TITLE | UNIT |
| ⬜ | ENGL-101 | College Composition | 4 |
| ⬜ | MATH-140 | Introduction to Statistics | 3 |
| ⬜ | GEOG-101 | Physical Geography | 3 |
| ⬜ | GEOG-104 | Physical Geography Lab | 1 |
| ⬜ | GEOG-108 | World Regional Geography | 3 |

***Semester 2 16 Units***

|  |  |  |  |
| --- | --- | --- | --- |
| ✔ | COURSE | TITLE | UNIT |
| ⬜ | ENGL-103 | Critical Thinking and Writing | 3 |
| ⬜ | GEOG-102 | Cultural Geography | 3 |
| ⬜ | PHIL-101 | Introduction to Philosophy I | 3 |
| ⬜ | ART-100 | Art Appreciation | 3 |
| ⬜ | BIOL-115 | Topics in Biology 1 | 4 |

1BIOL-115 Topics in Biology is suggested to provide students with a strong foundation for courses in their field of study.

Career Options

Geophysical Data Technicians (B, M)

Geographers (B, M, D)

Geographic Information Systems Technician (B, M)

Find more careers: [msjc.emsicc.com](http://msjc.emsicc.com)

Required Education: SM: some college; C: Certificate; A: Associate, B: Bachelor’s, M: Master’s; D: Doctorate

Financial Aid

Financial aid is determined by the number of credit hours you take in a semester. Maximize your financial aid by taking 12-15 units per semester.

***Semester 3 16 Units***

|  |  |  |  |
| --- | --- | --- | --- |
| ✔ | COURSE | TITLE | UNIT |
| ⬜ | HIST 111 or  HIST 112 | U.S. History to 1877 or  U.S. History Since 1865 | 3 |
| ⬜ | GEOG-111 | Geography of California | 3 |
| ⬜ | ART-101 | Art History: Prehistoric Through Medieval Art | 3 |
| ⬜ | SPAN-101 or  FREN-101 or  ASL-100 | Elementary Spanish I or  Elementary French I or  American Sign Language I | 4 |
| ⬜ | GEOG-105 | Map Interpretation & Spatial Analysis | 3 |

***Semester 4 16 Units***

|  |  |  |  |
| --- | --- | --- | --- |
| ✔ | COURSE | TITLE | UNIT |
| ⬜ | ANTH-102 | Cultural Anthropology | 3 |
| ⬜ | GEOG-115 | Introduction to Geographic Information Science | 3 |
| ⬜ | SPAN-102 or  FREN-102 or  ASL-101 | Elementary Spanish II or  Elementary French II or  American Sign Language II | 4 |
| ⬜ | COMM-100 | Public Speaking | 3 |
| ⬜ | GEOG-106 | Introduction to Weather and Climate | 3 |

Notes***:***

**Language Requirement**: For students who did not meet the LOTE requirement in high school, they may fulfill Area 6 by demonstrating proficiency by completing ASL-100 American Sign Language I, FREN-101 Elementary French I or SPAN-101 Elementary Spanish I with a grade C or better. Languages other than English for Native Speakers are also acceptable for meeting this requirement.

Work Experience

Sign up for a special project or internship opportunity. Gain [work experience](https://msjc.edu/careereducation/cwee/index.html) and earn credits.