First-Year English Pathway

The Write to Register online exercise helps you determine the appropriate writing course(s) to take at SF State. We suggest you complete the Write to Register (writetoregister.sfsu.edu) before Orientation to choose your GE Area A2 course(s). For more information about the Write to Register, refer to english.sfsu.edu/content/write-register.

**English course options for Pathways 2, 3, or 4:**

**ENG 114 (1-semester)**

This fast-paced course is a good match for students comfortable with reading, writing and researching. Complete your First-Year Composition requirement (GE Area A2) in one semester by taking ENG 114 (3 units).

**ENG 104 and 105 (2-semester sequence)**

This is a good choice for those who want more time to revise their work and develop their skills. Complete your First-Year Composition requirement (GE Area A2) in two semesters by taking ENG 104 (3 units) in your first semester and ENG 105 (3 units) in your second semester with the same instructor and group of classmates. The class will meet the same day and time during both semesters.

**Composition for Multilingual Students (CMS)**

The CMS program is designed to meet the learning needs of multilingual speakers, including reading and grammar instruction that is not available in ENG 104/105 or 114. If this option is recommended after taking the Write to Register, you will receive course recommendations from the Write to Register system. Domestic and International students may have different, but equivalent course recommendations based on their academic background. International students should refer to the International Students chapter for additional information.

For more information, contact the CMS Office.

**Composition for Multilingual Students (CMS) Office**

Humanities Bldg., Room 482
Phone: 415.338.1320
english.sfsu.edu/content/composition-multilingual-students
First-Year Math Pathway

Choose your math course based on your Math Pathway and the major you intend to pursue (STEM, Business or Non-STEM). If you have an interest in STEM fields (Science, Technology, Engineering and Math), take math courses recommended for STEM majors. Non-STEM majors may also take math courses recommended for the STEM or Business track to satisfy GE Area B4.

### STEM

**Math Pathway 1**

- **B4 Required**
  - (one semester, stand-alone)

**Math Pathway 2**

- **B4 Required**
  - (one semester + support course OR two semester “stretch”)

**Math Pathway 3**

- Early Start (Step to State) recommended

**Math Pathway 4**

- Early Start (Step to State) required

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**PATHWAY 2**

Complete GE Area B4 requirement with a one semester, stand-alone course. Some majors may require additional math courses.

- STEM
  - MATH 199 Pre-Calculus (4 units) or MATH 226 Calculus I (4 units), if eligible.
  - MATH 226 requires a B or better in high school pre-calculus in the past year. If more than a year has passed, it also requires a score of 15 out of 30 on the Mathematics Diagnostic Testing Project (MDTP) calculus test.

**BUSINESS**

- DS 110 Calculus with Business Applications (3 units) or MATH 110 Business Calculus (3 units)

**NON-STEM** (statistics is recommended for some majors)

- CSC 110 (3 units): Computational Thinking and Quantitative Reasoning
- ISED 160 (3 units): Data Analysis in Education
- MATH 124 (3 units): Elementary Statistics
- PHIL 111 (3 units): The Art(s) of Quantitative Reasoning
- PSY 171 (3 units): Quantitative Reasoning in Psychology
- AU 117 (3 units): Statistics for Social Justice (Metro students only)

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**PATHWAY 3 OR 4**

Complete GE Area B4 with support (1-semester + support or 2-semester stretch).

- Complete the 2-semester stretch for pre-calculus by taking MATH 197 (3 units) in your first semester and MATH 198 (3 units) in your second semester. You may have the option of starting the 2-semester stretch early by taking MATH 197 in Summer 2019 and MATH 198 in Fall 2019.
- Pathway 3 students may take MATH 226 instead of the 2-semester stretch if they earned a B or better in high school pre-calculus in the past year. If more than a year has passed, it also requires a score of 15 out of 30 on the Mathematics Diagnostic Testing Project (MDTP) calculus test.

- Business
  - Complete the 2-semester stretch for Business Calculus by taking MATH 107 (3 units) in your first semester and MATH 108 (3 units) in your second semester.

- Complete a GE Area B4 course with support.
  - CSC 110 (3 units) and MATH 112 (2 units): Computational Thinking and Quantitative Reasoning
  - ISED 160 (3 units) and MATH 122 (2 units): Data Analysis in Education
  - MATH 124 (3 units) and MATH 123 (2 units): Elementary Statistics
  - PHIL 111 (3 units) and MATH 112 (2 units): The Art(s) of Quantitative Reasoning
  - PSY 171 (3 units) and MATH 122 (2 units): Quantitative Reasoning in Psychology
  - AU 116 (4 units): Algebra and Statistics for Social Justice (Metro students only)