



Mathematics A.S. Degree

This program map represents one possible path for completing this program. **Please see a counselor** to create an educational plan that is customized to meet your needs. This path is not a guarantee of course availability or financial aid applicability.

Catalog: 2025-26

Total Units: 60-61

First Year

Semester 1

14-15 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	MATH 400 ⁺	Calculus I	5	L2
GE	INDIS 313 [*]	Freshman Seminar	3	L7B
GE		Arts & Humanities	3	L3
GE	ENGL C1000 ^{**} / ENGWR 488 ^H / ESLW 340	Academic Reading & Writing	3-4	L1A

+Prerequisite for MATH 400: MATH 372 & MATH 373; or MATH 375 with a grade of "C" or better; or through the placement process (check your eServices account)

***INDIS 313 - Freshman Seminar is specifically designed for First Time in College students. If you're not a First Time in College student, please select a GE course from SCC Local AA/AS General Education Area L7B, such as HCD 310-College Success.**

****If you don't place directly in ENGL C1000 (check your eServices account), you will need to take ENGWR 80/ENGL C1000 combo course.**

Semester 2

14 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	MATH 401 ⁺	Calculus II	5	
GE		Natural Sciences	3	L5
GE		Oral Communication & Critical Thinking	3	L1B
GE		Ethnic Studies	3	L6

+Prerequisite for MATH 401: Math 400 with a grade of "C" or better

Second Year

Semester 3

17 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	MATH 402 ⁺	Calculus III	5	

Legend

- (H) - Honors
- Elec - Elective
- GE - General Education
- Maj - Required Core
- ME - Major Elective

Disclaimer

Every effort has been made to ensure that what is listed in the SCC Program Paths are accurate. The courses, the course sequencing, and the programs are subject to change without notice by the administration of the Los Rios Community College District and Sacramento City College at the discretion of the district and Sacramento City College. Further, Sacramento City College reserves the right to amend any course or program.

PLEASE SEE AN SCC COUNSELOR.

AA/AS Requirements

Associate Degrees require the following:

1. Completion of a minimum of 60 degree-applicable units with an overall grade point average (GPA) of 2.0 ("C" average). A minimum of 12 units must be completed within the Los Rios Community College District.
2. Completion of each required course with a grade of "C" or better for a major offered at Sacramento City College.
3. Completion of Sacramento City College's local AA/AS degree general education requirements – Area L1A and L1B; Area L2; Area L3; Area L4; Area L5; Area L6; Area L7A and L7B – with an overall 2.0 GPA. Students also have an option of completing the California General Education Transfer Curriculum (Cal-GETC) instead of the local general education pattern.

Students with Advanced Placement (AP) and International Baccalaureate Credit (IB) test scores should notify their Counselor to learn more about how test scores may be used for credit.

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	MATH 410 +	Introduction to Linear Algebra	3	
GE		Social & Behavioral Sciences	3	L4
Elec		*Elective	3	
Elec		*Elective	3	

+Prerequisite for MATH 402 & MATH 410: Math 401 with a grade of "C" or better

*Electives may include any courses numbered 300-499.

Semester 4

15 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	MATH 420 +	Differential Equations	4	
ME		*Major Elective	3	
GE		Physical Education	1	L7A
Elec		**Elective	3	
Elec		**Elective	3	
Elec		**Elective	1	

+Prerequisite for MATH 420: Math 401 with a grade of "C" or better

*Major Elective - A minimum of 3 units from the following: CISP 301, CISP 360+, CISP 400+, CISP 401+, ENGR 405+, PHIL 325, STAT C1000+ or STAT C1000H+

+Prerequisite for CISP 360: CISP 301 with a grade of "C" or better

+Prerequisite for CISP 400: CISP 360 with a grade of "C" or better

+Prerequisite for CISP 401: CISP 360 with a grade of "C" or better

+Prerequisite for ENGR 405: MATH 401 with a grade of "C" or better or concurrent enrollment in MATH 401

+Prerequisite for STAT C1000 & STAT C1000H: Placement as determined by the college's multiple measures assessment process (check your eServices account)

**Electives may include any courses numbered 100-499.

Exception: Students who possess a bachelor's (BA/BS) or higher degree from a college or university accredited through a regional accrediting agency recognized by the Council for Higher Education Accreditation (CHEA) are deemed to have satisfied both the general education and graduation competency requirements for an AA/AS degree. Degrees from accredited institutions outside of the US will be evaluated on a case-by-case basis.

Placement Information

Check your eServices account under "Academic Records" to determine your Math and English placements.

Important Links

[SCC General Counseling](#)

[Mathematics](#)

[Science, Math, & Engineering Meta Majors](#)