Mathematics A.S. Degree - Local GE

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: 2026-27

Total Units: 60-61

First Year

Semester 1

14-15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE	ENGL C1000 * / 488 H+ / ESLW 340 +	Academic Reading & Writing	3-4	SCC Local Area L1A
Maj	MATH 400 +**	Calculus I	5	SCC Local Area L2
GE		Arts & Humanities	3	SCC Local Area L3
GE	INDIS 313 *** / HCD 310	Life Development Skills	3	SCC Local Area L7B

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

+Prerequisite for ENGL 488: ESL 325 with a grade of "C" or better, or placement through the assessment process

+Prerequisite for ESLW 340: ESL 325 with a grade of "C" or better; or, for students not previously enrolled in ESL writing courses within the Los Rios district, placement through the Los Rios assessment process

+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)

**Students who do not place directly into MATH 400 (check your eServices account) must complete the prerequisite or take MATHS 60/MATH 400 combo course. Options depend on STEM placement and prior math preparation. Meet with a counselor for guidance.

***First-time college students who would like to participate in First-Year Experience (FYE) should take INDIS 313. All other students can take HCD 310 or speak with a counselor regarding their choices.

Semester 2

14 Units

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.**

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		Oral Communication & Critical Thinking	3	SCC Local Area L1B
GE		Natural Sciences	3	SCC Local Area L5
Maj	MATH 401+	Calculus II	5	
ME		*Major Elective	3	

+Prerequisite for MATH 401: Math 400 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)

Second Year

Semester 3

17 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		Social & Behavioral Sciences	3	SCC Local Area L4
Maj	MATH 402+	Calculus III	5	
Maj	MATH 410+	Introduction to Linear Algebra	3	
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 100-499. **Meet with a counselor to discuss potential elective course options.**

Semester 4

15 Units

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 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.

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 the general education 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

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		Ethnic Studies	3	SCC Local Area L6
GE		Physical Education	1	SCC Local Area L7A
Maj	MATH 420+	Differential Equations	4	
Elec		**Elective	3	
Elec		**Elective	3	
Elec		**Elective	1	

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

Electives may include any courses numbered 100-499. **Meet with a counselor to discuss potential elective course options.

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- Mathematics
- Science, Math, & Engineering Meta Majors