



Surveying/Geomatics 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: 2024-25

Total Units: 60-62

First Year

Semester 1

14-15 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	SURVY 300	Elementary Surveying	4	
ME	SURVY 310 ⁺ / 360	Survey Map Production	3-4	
GE	INDIS 313 [*]	Freshman Seminar	3	IIIB
GE	MATH 373 ^{**}	Trigonometry for Calculus	4	IIB

+Prerequisite for SURVY 310: EDT 310 with a grade of "C" or better

***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 General Education Area IIIb, such as HCD 310-College Success.**

****If you don't place directly in MATH 373 (check your e-Services account), you will need to take MATHS 71/MATH 373 combo course.**

Semester 2

15-16 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	SURVY 320 ⁺	Advanced Survey	4	
Maj	SURVY 330	Special Surveying Projects	4	
GE	ENGWR 300 [*] / 488 ^H / ESLW 340	College Composition	3-4	IIA
GE		Humanities	3	I
GE		Physical Education	1	IIIA

+Prerequisite for SURVY 320: SURVY 300 with a grade of "C" or better

***If you don't place directly in ENGWR 300 (check your e-Services account), you will need to take ENGWR 80/ENGWR 300 combo course.**

Second Year

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 at Sacramento City College.
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 general education requirements](#) – Area I; Area II(a) and II(b); Area III(a) and III(b), or Area III(c); Area IV; Area V; and Area VI – with an overall 2.0 GPA.
4. Completion of all [three competency requirements](#) (reading, writing, and mathematics).

Semester 3

15 UNITS

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	SURVY 340 ⁺	Photogrammetry	3	
Maj	SURVY 350	Boundary Control and Legal Principles	4	
GE		Social & Behavioral Sciences	3	VB
GE		American Institutions	3	VA
Elec		*Elective	2	

+Prerequisite for SURVY 340: SURVY 320 with a grade of "C" or better

*Electives may include any courses numbered 100-499.

Semester 4

16 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	SURVY 352 ⁺	Evidence and Procedures for Boundary Location	4	
GE		Ethnic/Multicultural Studies	3	VI
GE		Natural Sciences	3	IV
Elec		*Elective	3	
Elec		*Elective	3	

+Prerequisite for SURVY 352: SURVY 350 with a grade of "C" or better

*Electives may include any courses numbered 100-499.

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 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

Support courses required for English and Math per placement. **Check your e-Services account under "Academic Records" to determine your placements.**

Important Links

[SCC General Counseling](#)
[Engineering Design Technology - Surveying/Geomatics](#)
[Science, Math, & Engineering Meta Majors](#)