



# Mathematics AS-T Degree - (Full Time)

Associate Degree for Transfer (ADT) - A Degree with a guarantee: This program map represents one possible path for completing this program. **Please see a counselor** to create an education plan that is customized to meet your needs. This path is not a guarantee of course availability or financial aid applicability.

**Catalog:** 2024-25

**GE Pattern:** CSU GE Breadth / IGETC

**Total Units:** 60-61

## First Year

### Semester 1

14-15 Units

CAT.	COURSE	TITLE	UNIT	CSU GE	IGETC
Maj	MATH 400 <sup>+</sup>	Calculus I	5	B4	2A
GE	INDIS 313 <sup>*</sup>	Freshman Seminar	3	E	
GE		Social Sciences	3	D	4
GE	ENGWR 300 <sup>**</sup> / 488 <sup>H</sup> / ESLW 340	College Composition	3-4	A2	1A

**+Prerequisite for MATH 400:** MATH 373 & MATH 372 with grades of "C" or better or through the placement process

**\*INDIS 313 - Freshman Seminar is specifically designed for First Time in College students only. If you're not a First Time in College student, choose any course from CSU GE Area E. For students following the IGETC path, this course can be any elective course numbered 300-499.**

**\*\*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.**

### Semester 2

14 Units

CAT.	COURSE	TITLE	UNIT	CSU GE	IGETC
Maj	MATH 401 <sup>+</sup>	Calculus II	5		
GE		Arts/Humanities	3	C1	3A
GE		Oral Communication	3	A1	1C
GE		Social Sciences	3	D	4

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

## Year 2

### Semester 3

17 Units

CAT.	COURSE	TITLE	UNIT	CSU GE	IGETC
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### 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.**

### ADT Requirements

Transfer degrees require the following:

1. Complete all required courses for a major with a grade of "C" or better.
2. Complete 60 CSU-transferable units. At least 12 of the 60 units must be earned at Sacramento City College.
3. Complete one of the following general education (GE) patterns. Meet with your SCC Counselor to discuss the appropriate GE pattern for your individual transfer/graduation goals:

- CSU General Education Breadth Requirements
- Intersegmental General Education Transfer Curriculum (IGETC) – CSU option

### Placement Information

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

CAT.	COURSE	TITLE	UNIT	CSU GE	IGETC
Maj	MATH 410 <sup>+</sup>	Introduction to Linear Algebra	3		
GE		Life Science	3	B2	5B
GE		Critical Thinking	3	A3	1B
GE		Arts/Humanities	3	C2	3B
Maj	MATH 402 <sup>+</sup>	Calculus III	5		

**+Prerequisite for MATH 410:** MATH 401 with a grade of "C" or better.

**+Prerequisite for MATH 402:** MATH 401 with a grade of "C" or better.

## Semester 4

15 Units

CAT.	COURSE	TITLE	UNIT	CSU GE	IGETC
Maj	MATH 420 <sup>+</sup>	Differential Equations	4		
GE		Physical Science	3	B1	5A
GE		*LAB	1	B3	5C
GE		Ethnic Studies	3	F	7
GE		Arts/Humanities	3	C1 or C2	3B or 3A
Elec		**Elective	1		

**+Prerequisite for MATH 420.** MATH 401 with a grade of "C" or better.

\*Area CSU B3/IGETC 5C will not be required if a laboratory activity is included in B1/5A or B2/5B.

\*\*Electives may include any courses numbered 300-499.

determine your placements.

### Counselor Notes

- All AA-Ts and AS-Ts are designed to transfer to CSUs in most majors. **Students who wish to transfer to a UC are strongly encouraged to meet with a counselor to determine additional major requirements.**
- Math – you may have other options for transfer level math; check with your counselor.
- 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.**

### IMPORTANT LINKS

[SCC General Counseling](#)  
[Mathematics & Statistics Department](#)  
[Science, Math & Engineering Meta Majors](#)