

A.A. Transfer Program Map: Mathematics



**Academic
& Career
Pathways**
Florida SouthWestern State College

SCIENCE, ENGINEERING & MATH PATHWAY
ASSOCIATE IN ARTS DEGREE (A.A.):

MATHEMATICS

CATALOG YEAR 2025- 2026

Suggested Course Sequence

This map is designed for students planning to transition to a Bachelor's Degree in the Florida State College or State University System after completing an AA degree. This plan includes common required prerequisites and recommended courses for success in the program. Classes with the symbol help you explore this career pathway to see if it's right for you!



Get to graduation sooner!

Take the AAF Math Placement Test at FSW Testing to see if you qualify for a fast track through your math courses!

Sample Questions:



Schedule Your Test:



Semester 1

Course	Credits	Notes
ENC 1101*	COMPOSITION I	3
MAC 1106	COMB. COLLEGE ALGEBRA/PRE-CALC	4
SOCIAL SCI. / CIVIC LIT.	CHOOSE AMH 2010, AMH 2020, OR POS 2041	3
SLS 1515	CORNERSTONE EXPERIENCE	3
Total Semester Credits:		13

Semester 2

Course	Credits	Notes
ENC 1102*	COMPOSITION II	3
MAC 1114	TRIGONOMETRY	4
SOCIAL SCIENCE	ANY GEN. ED. SOCIAL SCIENCE	3
BSC 1010	GENERAL BIOLOGY I	3
BSC 1010L	GENERAL BIOLOGY I LAB	1
Total Semester Credits:		14

Semester 3

Course	Credits	Notes
MAC 2311	CALC W/ANALYTIC GEOMETRY I	4
STA 2023	STATISTICAL METHODS I	3
Total Semester Credits:		7
Total Academic Year Credits:		34

Semester 4

Course	Credits	Notes
MAC 2312	CALC W/ANALYTIC GEOMETRY II	4
COP 1000	INTRO TO COMPUTER PROGRAMMING	3
HUMANITIES*	ANY WRIT. INTENS. CORE HUMANITIES	3
NATURAL SCIENCE	ANY GEN. ED. NATURAL SCIENCE	4
Total Semester Credits:		14



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Semester 5			
Course		Credits	Notes
MAC 2313	CALC W/ANALYTIC GEOMETRY III	4	
IDS 2891	CREATIVE CAPSTONE	3	
HUMANITIES*	ANY WRITING INTENS. HUMANITIES	3	
MAP 2023	DIFFERENTIAL EQUATIONS	4	
Total Semester Credits:		14	
Total Academic Year Credits:		28	
Overall Credits:		62	

- Students must meet the Core, *Writing Intensive, Civic Literacy, Foreign Language, and College requirements defined in the College Catalog.
- It is recommended for students to check with their transfer institution regarding the transferability of major-specific coursework.
- Classes not listed here may be used to satisfy AA degree requirements. However, there are prerequisite courses required for specific programs at every Florida public college and university.
- To maintain timely graduation, it is highly recommended that you complete all common prerequisite course work prior to being admitted into a Bachelor's degree program. Some institutions may require that all prerequisites be completed before acceptance into the major.
- Your Student Success Advisor can help you make a personalized plan. www.fsw.edu/advising

Updated 3/25

A.A. Degree Transfer Worksheet: Mathematics

CATALOG YEAR 2025-2026



SCIENCE, ENGINEERING & MATH PATHWAY



Use this worksheet to plan ahead and keep track of courses you have taken, as you progress through your A.A. degree and prepare to transition to a Bachelor's Degree. This checklist also includes example modifications for popular transfer schools. ****NOTE: Prerequisites and transfer requirements can change without notice. Always confirm with your advisor and your intended school. Classes with the ⚡ symbol help you explore this career pathway to see if it's right for you!**

Common Pre-Requisites & FSW Recommended Courses		Credits	Semester	Example Transfer Requirements**			
				Florida Gulf Coast University	University of Florida	University of South Florida	Other Transfer School:
FSW Cornerstone Experience and Creative Capstone							
✓ SLS 1515	CORNERSTONE EXPERIENCE	3		X	X	X	X
IDS 2891	CREATIVE CAPSTONE	3		X	X	X	X
Communication							
ENC 1101*	COMPOSITION I	3		X	X	X	
ENC 1102*	COMPOSITION II	3		X	X	X	
Humanities							
HUMANITIES*	ANY WRITING INTENS. CORE HUMANITIES	3		X	X	X	
HUMANITIES*	ANY WRITING INTENS. HUMANITIES	3		X	X	X	
Social Science							
CIVIC LIT.	CHOOSE AMH 2010, AMH 2020, OR POS 2041	3		X	X	X	
SOCIAL SCI.	ANY GEN. ED. SOCIAL SCIENCE	3		X	X	X	
Mathematics							
MAC 1106 ⚡	COMB COLL ALG PRE-CALC	4		X	X	X	
MAC 1114	TRIGONOMETRY	4		X	X	X	
Natural Science							
BSC 1010	GENERAL BIOLOGY I (OR CHM 2045 IF ELIGIBLE)	3		Alternate: (1) Choose: BSC 1010/L, CHM 2045/L, PHY 2048/L, or GLY 1010C <u>plus</u> (2) Any Gen. Ed. Nat. Sci.	Alternate: (1) Choose: BSC 1010/L, CHM 2045/L, or PHY 2048/L, <u>plus</u> (2) Any Gen. Ed. Nat. Sci.	Alternate: (1) Choose: BSC 1010/L, CHM 2045/L, or PHY 2048/L, <u>plus</u> (2) Any Gen. Ed. Nat. Sci.	
BSC 1010L	GENERAL BIOLOGY I LAB (OR CHM 2045L IF ELIG.)	1					
NAT. SCI.	ANY GEN ED NATURAL SCIENCE	3-5					
Electives / Gen. Ed. Flex							
MAC 2311	CALC W/ANALYTIC GEOMETRY I	4		X	X	X	
STA 2023	STATISTICAL METHODS I	3		Alternate: Any AA Elective	Alternate: Any AA Elective	Alternate: Any AA Elective	
MAC 2312	CALC W/ANALYTIC GEOMETRY II	4		X	X	X	
COP 1000	INTRO TO COMPUTER PROGRAMMING	3		X	X	X	
MAC 2313	CALC W/ANALYTIC GEOMETRY III	4		X	X	X	
MAP 2023	DIFFERENTIAL EQUATIONS	4		X	X	X	
Foreign Language, Dual Enrollment, and Other Requirements (If Needed)							
ENC 1130†	IMPROVING COL. WRITING (COUNTS AS ELECTIVE)	3		Notes: MHF 2191 (Mathematical Foundations) is not required for admission, but will be required to complete FGCU's Mathematics Bachelor's Degree. FSW students may take MHF 2191 as a transient student before transferring to FGCU. Talk to your Advisor.	Notes:	Notes: May also need COP 2360, based on specific Math major selected at USF.	Notes:
MAT 0057†	MATH FOR COL. SUCCESS (DEVELOPMENTAL: DOES NOT COUNT AS ELECTIVE OR MATH)	4					
MAT 1033†	INTERM. ALGEBRA (MUST EARN A TO AVOID EXTRA PRE-REQS) (COUNTS AS ELECTIVE)	4					
MAC 1105†	COLLEGE ALGEBRA (IF LESS THAN A IN MAT 1033)	3					
MAC 1140†	PRE-CALC. ALGEBRA (IF MAC 1105 WAS NEEDED)	3					
Florida Civic Literacy Exam Requirement (FCLE) - Check if Satisfied							
<ul style="list-style-type: none"> - Students must meet the Core, *Writing Intensive, Civic Literacy, Foreign Language, and College requirements as outlined in the College Catalog. - It is recommended for students to check with their transfer institution regarding the transferability of major specific coursework. - Classes not listed here may be used to satisfy AA degree requirements. However, there are pre-requisite courses required for specific programs at every Florida public college and university. - To maintain timely graduation, it is highly recommended that you complete all common prerequisite course work prior to being admitted into a Bachelor's degree program. Some institutions may require that all prerequisites be completed before acceptance into the major. - Your Student Success Advisor can help you make a personalized plan. www.fsw.edu/advising <p>†Only take this class if required by test scores or other college placement requirements. Total credits for degree may exceed the number indicated.</p>							
<p align="right">Page 3 of 3</p> <p>**IMPORTANT: This tool is designed to help you plan. Schools may have additional transfer requirements not listed here, and pre-requisite course requirements can change without notice. Always confirm transfer requirements directly with your destination schools and plan carefully and frequently with your Academic Advisor.</p>							