

St. Mary's University-Alamo Colleges Transfer Guidelines

Bachelor of Science Computer Science (CS) Math Minor

Students can transfer to St. Mary's a maximum of 66 hours from the Alamo Colleges.

Select a combination of the courses listed below.

St. Mary's University Core (SMC) – 21 hours		
SMC Courses	Hours	Transfer Equivalencies
SMC 1301	3	HIST 1301 , 1302, 2311, 2312
SMC 1311	3	PHIL 1301
SMC 1312	3	ASTR 1303, 1304, 1370, 1371, 1403, 1404; BIOL 1306, 1307, 1308, 1309, 1406, 1407, 1408, 1409; CHEM 1411, 1412; GEOL 1301, 1302, 1303, 1304, 1305, 1345; PHYS 1401, 1402; 2425, 2426
SMC 1313	3	BUSI 1301; CRIJ 1301; ECON 2301, 2302; GOVT 2301, 2302, 2305, 2306; HIST 1301, 1302, 2311, 2312; PSYC 1301; SOCI 1301
SMC 2301	3	PHIL 2306
SMC 2303	3	ARTS 1311, 1312, 1316, 2316; DRAM 1310, 1322, 1351; MUSI 1306
SMC 2304	3	ENGL 2321, 2322, 2327, 2328, 2332, 2333

School of Science, Engineering, and Technology School Specific Core (SSC) – 18 hours		
SSC Courses	Hours	Transfer Equivalencies
Composition	3	ENGL 1301
Foreign Languages	6	SPAN 1411, 1412, 2311, 2312; FREN 1411, 1412, 2311, 2312; ARAB 1411, 1412; GERM 1411, 1412, 2311, 2312; ITAL 1411, 1412, 2311, 2312; JAPN 1411, 1412, 2311, 2312; LATI 1411, 1412, 2311, 2312; CHIN 1411, 1412, 2311, 2312
Speech	3	SPCH 1311, 1315, 1318, 1321, 1342
Social Science	3	BUSI 1301; CRIJ 1301; ECON 2301, 2302; GOVT 2301, 2302, 2305, 2306; HIST 1301, 1302, 2311, 2312; PSYC 1301; SOCI 1301
Fine Arts/ Literature	3	ARTS 1311, 1312, 1316, 2316; DRAM 1310, 1322, 1351; MUSI 1306/ENGL 2321, 2322, 2327, 2328, 2332, 2333

B.S. Computer Science (CS) Major courses – 12 hours		
Major Courses	Hours	Transfer Equivalencies
CS 1310	3	COCS 1337
CS 1311	3	COSC 2336; ITSE 2345
CS 2313	3	ITSE 2331
CS 2323	3	ITSE 2317

Mathematics (MT) Minor – 8 hours		
Major Courses	Hours	Transfer Equivalencies
MT 2412	4	MATH 2413
MT 2413	3	MATH 2414

General Electives Courses – 7 hours		
Course	Hours	Transfer Equivalencies
Elective	4	Please refer to the Transfer Articulation for possible elective credits
Elective	3	Please refer to the Transfer Articulation for possible elective credits

- * Transfer courses must be completed with a "C" or better. Transfer work will not be posted until an official transcript is received. Courses transfer only as lower division courses (1XXX, 2XXX) not as advanced courses (3XXX or higher).
- * A course will first fulfill the School Specific Core (SSC) requirements before fulfilling the St. Mary's Core (SMC) requirements
- * A course can only fulfill one course requirement.
- * Once a student has matriculated to St. Mary's University, Math, Philosophy, Theology, and SMC 1301, 1311, 1314, 2301 2302, and 4301 may no longer be transferred to St. Mary's University.

St. Mary's Courses		Alamo Colleges	
St. Mary's Core (30 hours)			
Course No.	Title	Course Number	Hrs
SMC 1301	Foundation of Civilization	HIST 1301, 1302, 2311, 2312	3
SMC 1311	Foundation of Reflection: Self	PHIL 1301	3
SMC 1312	Foundation of Reflection: Nature	ASTR 1303, 1304, 1370, 1371, 1403, 1404; BIOL 1306, 1307, 1308, 1309, 1406, 1407, 1408, 1409; CHEM 1411, 1412; GEOL 1301, 1302, 1303, 1304, 1305, 1345; PHYS 1401, 1402; 2425, 2426	3
SMC 1313	Foundation of Reflection: Other	BUSI 1301; CRIJ 1301; ECON 2301, 2302; GOVT 2301, 2302, 2305, 2306; HIST 1301, 1302, 2311, 2312; PSYC 2301; SOCI 1301	3
SMC 1314	Foundation of Reflection: God	No equivalency. Must take Course at St. Mary's	
SMC 2301	Foundation of Practice: Ethics	PHIL 2306	3
SMC 2302	Foundation of Practice: Civic Engmt	No equivalency. Must take Course at St. Mary's	
SMC 2303	Foundation of Practice: Fine Arts	ARTS 1311, 1312, 1316, 2316; DRAM 1310, 1322, 1351; MUSI 1306	3
SMC 2304	Foundation of Practice: Literature	ENGL 2321, 2322, 2327, 2328, 2332, 2333	3
SMC 4301	Capstone Seminar	No equivalency. Must take Course at St. Mary's	
Total Transferable from Alamo Colleges			21
School of Science, Engineering and Technology Specific Core (21)			
Speech		SPCH 1311, 1315, 1318, 1321, 1342	3
Rhetoric and Composition		ENGL 1301	3
Foreign Language		Six hours of Foreign Language at an introductory level (1411, 1412) or intermediate level (2311, 2312); Or, 12 hours of CLEP credit for a language previously studied.	6
Social Science		BUSI 1301; CRIJ 1301; ECON 2301, 2302; GOVT 2301, 2302, 2305, 2306; HIST 1301, 1302, 2311, 2312; PSYC 2301; SOCI 1301	3
Theology		No equivalency. Must take Course at St. Mary's	
Fine Arts/Literature		ARTS 1311, 1312, 1316, 2316; DRAM 1310, 1322, 1351; MUSI 1306/ENGL 2321, 2322, 2327, 2328, 2332, 2333	3
Total Transferable from Alamo Colleges			18
B.S. Computer Science Major Courses (45 hours)			
CS 1310	Programming I	COCS 1337	3
CS 1311	Programming II	COSC 2336; ITSE 2345	3
CS 2110	Sophomore CS Seminar	No equivalency. Must take Course at St. Mary's	
CS 2313	Object Oriented Programming I	ITSE 2331	3
CS 2315	Algorithms	No equivalency. Must take Course at St. Mary's	
CS 2323	Object Oriented Programming II	ITSE 2317	3
CS 2350	Computer Architecture	No equivalency. Must take Course at St. Mary's	
CS 3110	Junior CS Seminar	No equivalency. Must take Course at St. Mary's	
CS 3310	Systems Analysis and Design	No equivalency. Must take Course at St. Mary's	
CS 3335	Survey of Programming Language	No equivalency. Must take Course at St. Mary's	
CS 3340	Software Engineering	No equivalency. Must take Course at St. Mary's	
CS 3350	Operating Systems	No equivalency. Must take Course at St. Mary's	
CS 4110	Senior CS Seminar	No equivalency. Must take Course at St. Mary's	
CS 4320	Files and Database	No equivalency. Must take Course at St. Mary's	
CS 4330	Data Communications	No equivalency. Must take Course at St. Mary's	
CS 4395	Senior Project	No equivalency. Must take Course at St. Mary's	
CS 33XX/43XX	Elective	No equivalency. Must take Course at St. Mary's	
Total Transferable from Alamo Colleges			12
Math Minor Courses (17 hours)			
MT 2412	Calculus I	MATH 2413	4
MT 2413	Calculus II	MATH 2414	4
MT 3323	Discrete Mathematical Structures/MT 3XXX	No equivalency. Must take Course at St. Mary's	
MT 3324	Linear Algebra	No equivalency. Must take Course at St. Mary's	
MT 4351	Numerical Analysis OR MT 3XXX	No equivalency. Must take Course at St. Mary's	
Total Transferable from Alamo Colleges			8
Electives (7 hours)			
General Elective		Please refer to the Transfer Articulation for possible elective credits	
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