

**St. Mary's University-Alamo Colleges Transfer Guidelines
Bachelor of Science Chemistry (CH)**

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 1301, 1303, 1304, 1370; GEOL 1301, 1304, 1345, 1401, 1404; PHYS 1305
SMC 1313	3	BUSI 1301; CRIJ 1301; ECON 2301, 2302; GOVT 2301, 2302, 2305, 2306; HIST 1301, 1302, 2311, 2312; PSYC 2301; 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. Chemistry (CH) – 28 hours		
Major Courses	Hours	Transfer Equivalencies
CH 1401	4	CHEM 1411
CH 1402	4	CHEM 1412
MT 1411	4	MATH 1412
MT 2412	4	MATH 2413
MT 2413	4	MATH 2414
PY 1401	4	PHYS 1401
PY 1402	4	PHYS 1402

Science Minor – 8 hours					
Possible Biology Minor			Possible Mathematics Minor		
Minor Courses	Hours	Transfer Equivalencies	Minor Courses	Hours	Transfer Equivalencies
BL 1401	4	BIOL 1406	MT 2412	4	MATH 2413
BL 1402	4	BIOL 1407	MT 2413	4	MATH 2414
Possible Physics Minor			Possible Environmental Science Minor		
Minor Courses	Hours	Transfer Equivalencies	Minor Courses	Hours	Transfer Equivalencies
PY 1404	4	PHYS 2425	MT 2303	3	MATH 1442
PY 2404	4	PHYS 2426	ES 1373	3	GEOL 1305

General Electives – 2 hours		
Elective	Hours	Transfer Equivalencies
Gen Elective	2	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 Number	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 1301, 1303, 1304, 1370; GEOL 1301, 1304, 1345, 1401, 1404; PHYS 1305	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. Chemistry Major Courses (52 hours)			
CH 1401	General Chemistry I	CHEM 1411	4
CH 1402	General Chemistry II	CHEM 1412	4
CH 3411	Organic Chemistry I	No equivalency. Must take Course at St. Mary's	
CH 3412	Organic Chemistry II	No equivalency. Must take Course at St. Mary's	
CH 3423	Analytical Chemistry	No equivalency. Must take Course at St. Mary's	
CH 3424	Instrumental Analysis	No equivalency. Must take Course at St. Mary's	
CH 3433	Physical Chemistry I	No equivalency. Must take Course at St. Mary's	
CH 3434	Physical Chemistry II	No equivalency. Must take Course at St. Mary's	
CH 34XX/44XX	Advanced Chemistry Course	No equivalency. Must take Course at St. Mary's	
CH 34XX/44XX	Advanced Chemistry Course	No equivalency. Must take Course at St. Mary's	
MT 1411	Pre-Calculus	MATH 1412	4
MT 2412	Calculus I	MATH 2413	4
MT 2413	Calculus II	MATH 2414	4
PY 1401	General Physics I	PHYS 1401	4
PY 1402	General Physics II	PHYS 1402	4
Total Transferable from Alamo Colleges			28
Science Minor Courses (18-20 hours)			
Science Minor	Biology/Chemistry/Physics/Env Sci	BIOL 1406, 1407; PY 2425, 2426; GEOL 1305; MATH 1442, 2413, 2414	
Science Minor	Biology/Chemistry/Physics/Env Sci	BIOL 1406, 1407; PY 2425, 2426; GEOL 1305; MATH 1442, 2413, 2414	
Science Minor	Biology/Chemistry/Physics/Env Sci	No equivalency. Must take Course at St. Mary's	
Science Minor	Biology/Chemistry/Physics/Env Sci	No equivalency. Must take Course at St. Mary's	
Science Minor	Biology/Chemistry/Physics/Env Sci	No equivalency. Must take Course at St. Mary's	
Science Minor	Biology/Chemistry/Physics/Env Sci	No equivalency. Must take Course at St. Mary's	
Total Transferable from Alamo Colleges			8
Elective (2 hours)			
General Electives		Please refer to the Transfer Articulation for possible elective credits	
Total Transferable from Alamo Colleges			2

