MECA Degree Plans

Associate of Arts (Business AA)			
	Grade 11 Summer		
SPCH 1315	Principles of Public Speaking	MUSI 1310 or ARTS 1301 (fine art requirement)	
	Grade 11 Fall		**Grade 11 Spring**
HIST 1301	United States History I	HIST 1302	United States History II
HUMA 1301	Intro to Humanities	BUSI 1301	Business Principles
ACCT 2301	Principles of Accounting I	ACCT 2302	Principles of Accounting II
MATH 1324	Math for Business	BCIS 1305	Business Computer Info System
	Grade 12 Summer		
GOVT 2305	Federal Government	EDUC 1100	Learning Framework
	Grade 12 Fall		**Grade 12 Spring**
ENGL 1301	English Composition I	ENGL 1302	English Composition II
BUSI 2305	Business Statistics	GOVT 2306	Texas Government
ECON 2301	Principles of Macroeconomics	ECON 2302	Principles of Microeconomics
GEOL 1303/1103	Physical Geology	GEOL 1304/1104	Historical Geology

Career Options: Accounting, Marketing, Management, Finance, International Business, Management Information Systems, Sales, Logistics, Human Resources, Public Relations

Associate of Arts (Teaching Concentration 7th-12th AA)			
	Grade 11 Summer		
SPCH 1315	Principles of Public Speaking	MUSI 1310 or ARTS 1301 (fine art requirement)	
	Grade 11 Fall		**Grade 11 Spring**
HIST 1301	United States History I	HIST 1302	United States History II
HUMA 1301	Intro to Humanities	EDUC 1100	Learning Framework
PSYC 2301	General Psychology	BIOL 1307/1107	Biology for Science Majors II
MATH 1314	College Algebra	MATH 1350	Math for Teachers I
	Grade 12 Summer		
MATH 1351	Math for Teachers II	SOCI 1301	intro to Sociology
	Grade 12 Fall		**Grade 12 Spring**
ENGL 1301	English Composition I	ENGL 1302	English Composition II
GOVT 2305	Federal Government	GOVT 2306	Texas Government
EDUC 1301	Intro to Teaching Profession	EDUC 2301	Intro to Special Populaitons
GEOL 1303/1103	Physical Geology	TECA 1354	Child Growth and Development

Career Options: Teacher, Professor, Administrator, Principal, Counselor, Trainer

Associate of Arts (General Studies AA - Nursing)			
Grade 11 Summer			
SPCH 1315	Principles of Public Speaking	MUSI 1310 or ARTS 1301 (fine art requirement)	
Grade 11 Fall		**Grade 11 Spring**	
HIST 1301	United States History I	HIST 1302	United States History II
HUMA 1301	Intro to Humanities	EDUC 1100	Learning Framework
BIOL 1306/1106	Biology for Science Majors I	BIOL 2301/2101	Anatomy & Physiology I
MATH 1342	Elementary Statistical Methods	BIOL 1322	Nutrition and Diet Therapy
Grade 12 Summer			
SOCI 1301	Intro to Sociology	PHED 1164	Into Physical Fitness and Wellness
Grade 12 Fall		**Grade 12 Spring**	
ENGL 1301	English Composition I	ENGL 1302	English Composition II
GOVT 2305	Federal Government	GOVT 2306	Texas Government
BIOL 2302/2102	Anatomy & Physiology II	BIOL 2320/2120	Microbiology for Health Science
PSYC 2301	General Psychology	PSYC 2314	Litespan Growth and Development

Career Options: Nursing, Occupational Health and Safety, Occupational Therapist, Physical Therapist, Athletic Trainers, Dietician, Respiratory Therapist

This pathway is for students interested in applying to a San Jacinto College Nursing Program after HS Graduation. This is not a General Studies Pathway.

Associate of Science (Mathematics AS)			
Grade 11 Summer			
MATH 1314	College Algebra	MUSI 1310 or ARTS 1301 (fine art requirement)	
Grade 11 Fall		**Grade 11 Spring**	
HIST 1301	United States History I	HIST 1302	United States History II
HUMA 1301	Intro to Humanities	GOVT 2306	Texas Government
MATH 2412	Precalculus	MATH 2413	Calculus I
EDUC 1100	Learning Framework		
Grade 12 Summer			
SOCI 1301	Intro to Sociology	COSC 1436	Programming Fundamentals I
Grade 12 Fall		**Grade 12 Spring**	
ENGL 1301	English Composition I	ENGL 1302	English Composition II
GOVT 2305	Federal Government	MATH 2415	Calculus III
MATH 2414	Calculus II	PHYS 2326/2126	University Phyics II
PHYS 2325/2125	University Physics I	PHED 1164	Intro to Fitness and Wellness

Career Options: Engineering (Chemical, Mechanical, Industrial, Petrochemical, Civil, etc.) Financial Analyst, Statistician, Actuary, Data Analyst, Economist, Physicist, Economist, Computer Programming

Associate of Science (Natural Science AS - Physical Science)			
		Grade 11 Summer	
MATH 1314	College Algebra	MUSI 1310 or ARTS 1301 (fine art requirement)	
	Grade 11 Fall		**Grade 11 Spring**
HIST 1301	United States History I	HIST 1302	United States History II
HUMA 1301	Intro to Humanities	SOCI 1301	Intro to Sociology
MATH 2412	Precalculus	MATH 2413	Calculus I
GEOL 1303/1103	Physical Geology	GEOL 1304/1104	Historical Geology
		Grade 12 Summer	
PHYS 1301/1101	College Physics	EDUC 1100	Learning Framework
	Grade 12 Fall		**Grade 12 Spring**
ENGL 1301	English Composition I	ENGL 1302	English Composition II
GOVT 2305	Federal Government	GOVT 2306	Texas Government
CHEM 1311/1111	General Chemistry I	CHEM 1312/1112	General Chemistry II
SPCH 1315	Public Speaking		

Career Options: Forensic Scientist, Forensic Examiner, Environmental Scientist, Water Resource Planner, Land Surveyor, Petroleum Engineer, Chemist, Geoscientist, Petroleum Geologist

Associate of Science (Natural Science AS - Life Science)			
		Grade 11 Summer	
MATH 1314	College Algebra	MUSI 1310 or ARTS 1301 (fine art requirement)	
	Grade 11 Fall		**Grade 11 Spring**
HIST 1301	United States History I	HIST 1302	United States History II
HUMA 1301	Intro to Humanities	SOCI 1301	Intro to Sociology
MATH 2412	Precalculus	MATH 2413	Calculus I
BIOL 1306/1106	Biology for Science Majors I	BIOL 1307/1107	Biology for Science Majors II
		Grade 12 Summer	
PHYS 1301/1101	College Physics	EDUC 1100	Learning Framework
	Grade 12 Fall		**Grade 12 Spring**
ENGL 1301	English Composition I	ENGL 1302	English Composition II
GOVT 2305	Federal Government	GOVT 2306	Texas Government
CHEM 1311/1111	General Chemistry I	CHEM 1312/1112	General Chemistry II
SPCH 1315	Public Speaking		

Career Options: Pre-Med, Pre-dental, Pre-Veterinarian, Laboratory Research, Microbiologist, Pharmacologist, Teacher, Zoologist, Environmental Scientist, Biomedical Engineer, Food Scientist

Associate of Arts (Communications AA)			
Grade 11 Summer			
SPCH 1315	Principles of Public Speaking	MUSI 1310 or ARTS 1301 (fine art requirement)	
Grade 11 Fall		**Grade 11 Spring**	
HIST 1301	United States History I	HIST 1302	United States History II
HUMA 1301	Intro to Humanities	COMM 1307	Intro to Mass Communication
MATH 1332	Contemporary Mathematics	PHED 1164	Into Physical Fitness and Wellness
SPAN 1411	Beginning Spanish I	SPAN 1412	Beginning Spanish II
Grade 12 Summer			
SOCI 1301	Intro to Sociology	EDUC 1100	Learning Framework
Grade 12 Fall		**Grade 12 Spring**	
ENGL 1301	English Composition I	ENGL 1302	English Composition II
GOVT 2305	Federal Government	GOVT 2306	Texas Government
GEOL 1303/1103	Physical Geology	GEOL 1304/1104	Historical Geology
SPAN 2311	Intermediate Spanish I	SPAN 2312	Intermediate Spanish II

Career Options: Advertising, Marketing, Social Media, Public Relations, Writing, Human Resources, Sales, Law, Journalism, Technical Writing, Mass Communication, Television and Film Production

Associate of Arts (Social/Behavioral Science AA - Criminal Justice)			
Grade 11 Summer			
SPCH 1315	Principles of Public Speaking	MUSI 1310 or ARTS 1301 (fine art requirement)	
Grade 11 Fall		**Grade 11 Spring**	
HIST 1301	United States History I	HIST 1302	United States History II
MATH 1314	College Algebra	HUMA 1301	Intro to Humanities
CRIJ 1301	Intro to Criminal Justice	CRIJ 1310	Fundamentals of Criminal Justice
CRIJ 1306	Court Systems and Practices	CRIJ 2328	Police Systems & Practices
Grade 12 Summer			
EDUC 1100	Learning Framework	SOCI 1301	Intro to Sociology
Grade 12 Fall		**Grade 12 Spring**	
ENGL 1301	English Composition I	ENGL 1302	English Composition II
GOVT 2305	Federal Government	GOVT 2306	Texas Government
BIOL 1306/1106	Biology for Science Majors I	BIOL 1307/1107	Biology for Science Majors II
CRIJ 1307	Crime in America	CRIJ 2313	Correctional Systems

Career Options: Police Officer, Corrections, Criminal Profiler, Crime Prevention Specialist, Crime Scene Investigator, DEA Agent, FBI Agent, Private Investigator, Probation/Parole Officer

Associate of Arts (Social/Behavioral Science AA - Psychology)			
Grade 11 Summer			
SPCH 1315	Principles of Public Speaking	MUSI 1310 or ARTS 1301 (fine art requirement)	
Grade 11 Fall		**Grade 11 Spring**	
HIST 1301	United States History I	HIST 1302	United States History II
HUMA 1301	Intro to Humanities	SOCI 1301	Intro to Sociology
MATH 1314	College Algebra	PSYC 2317	Statistical Methods in Psychology
PSYC 2301	General Psychology	PSYC 2314	Lifespan Growth and Development
Grade 12 Summer			
EDUC 1100	Learning Framework	SOCI 1306	Social Problems
Grade 12 Fall		**Grade 12 Spring**	
ENGL 1301	English Composition I	ENGL 1302	English Composition II
GOVT 2305	Federal Government	GOVT 2306	Texas Government
BIOL 1306/1106	Biology for Science Majors I	BIOL 1307/1107	Biology for Science Majors II
PSYC 2319	Social Psychology	PSYC 2320	Abnormal Psychology

If courses are full, excluding PSYC 2301, other PSYC courses can be used for substitution. EX. PSYC 2315, 2306, 2308, 2330

Therapist, Social Worker, Substance Abuse Counselor, Human Resources, School Counselor, Educational Psychologist, Case Manager, Marketing and Advertising, Law Enforcement, Social Services