

MECA Degree Plan Options

Associate of Arts (Business Field of Study)

Grade 11 Summer

SPCH 1315	Principles of Public Speaking	MUSI 1310 or ARTS 1301 (Fine Art requirement)	
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Grade 11 Fall

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	BUSI 2305	Business Statistics

Grade 11 Spring

Grade 12 Summer

BCIS 1305		EDUC 1100	Learning Framework
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Grade 12 Fall

ENGL 1301	English Composition I	ENGL 1302	English Composition II
GOVT 2305	Federal Government	GOVT 2306	Texas Government
ECON 2301	Principles of Macroeconomics	ECON 2302	Principles of Microeconomics
GEOL 1303/1103	Physical Geology	GEOL 1304/1104	Historical Geology

Grade 12 Spring

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

Associate of Arts (Teaching Concentration)

Grade 11 Summer

SPCH 1315	Principles of Public Speaking	MUSI 1310 or ARTS 1301 (Fine Art requirement)	
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Grade 11 Fall

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 11 Spring

Grade 12 Summer

MATH 1351	Math for Teachers II	SOCL 1301	Intro to Sociology
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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	Intro to Sociology

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

Associate of Arts (Pre-Health Occupations)

Grade 11 Summer

SPCH 1315	Principles of Public Speaking	MUSI 1310 or ARTS 1301 (Fine Art requirement)
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Grade 11 Fall

HIST 1301	United States History I	HIST 1302	United States History II
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HUMA 1301	Intro to Humanities	EDUC 1100	Learning Framework
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BIOL 2301/2101	Anatomy & Physiology I	BIOL 2302/2102	Anatomy & Physiology II
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MATH 1342	Elementary Statistical Methods	BIOL 1322	Nutrition and Diet Therapy
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Grade 12 Summer

SOCI 1301	Intro to Sociology	PHED 1164	Into Physical Fitness and Wellness
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Grade 12 Fall

ENGL 1301	English Composition I	ENGL 1302	English Composition II
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GOVT 2305	Federal Government	GOVT 2306	Texas Government
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BIOL 2323/2120	Microbiology for Health Science	CHEM 1305/1105	Intro to Chemistry I
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PSYC 2301	General Psychology	PSYC 2314	Lifespan Growth and Development
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Career Options: Nursing, Occupational Health and Safety, Occupational Therapist, Physical Therapist, Athletic Trainers, Dietician, Respiratory Therapist

Associate of Science (Mathematics)

Grade 11 Summer

MATH 1314	College Algebra	MUSI 1310 or ARTS 1301 (Fine Art requirement)
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Grade 11 Fall

HIST 1301	United States History I	HIST 1302	United States History II
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HUMA 1301	Intro to Humanities	GOVT 2306	Texas Government
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MATH 2412	Precalculus	MATH 2413	Calculus I
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EDUC 1100	Learning Framework
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Grade 12 Summer

SOCI 1301	Intro to Sociology	COSM 1436	Programming Fundamentals I
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Grade 12 Fall

ENGL 1301	English Composition I	ENGL 1302	English Composition II
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GOVT 2305	Federal Government	PHED 1164	Into Physical Fitness and Wellness
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MATH 2414	Calculus II	MATH 2415	Calculus III
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PHYS 2325/2125	University Physics I	PHYS 2326/2126	University Physics II
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Career Options: Engineering (Chemical, Mechanical, Industrial, Petrochemical, Civil, etc.) Financial Analyst, Statistician, Actuary, Data Analyst, Economist, Physicist, Computer Programming

Associate of Science (Physical Science)

Grade 11 Summer

MATH 1314 College Algebra MUSI 1310 or ARTS 1301 (Fine Art requirement)

Grade 11 Fall

HIST 1301 United States History I

HUMA 1301 Intro to Humanities

MATH 2412 Precalculus

GEOL 1303/1103 Physical Geology

Grade 11 Spring

HIST 1302 United States History II

SOCI 1301 Intro to Sociology

MATH 2413 Calculus I

GEOL 1304/1104 Historical Geology

Grade 12 Summer

PHYS 1301/1101 College Physics

EDUC 1100 Learning Framework

Grade 12 Fall

ENGL 1301 English Composition I

GOVT 2305 Federal Government

CHEM 1311/1111 General Chemistry I

SPCH 1315 Principles of Public Speaking

Grade 12 Spring

ENGL 1302 English Composition II

GOVT 2306 Texas Government

CHEM 1312/1112 General Chemistry II

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

Associate of Science (Life Science-Pre-Med)

Grade 11 Summer

MATH 1314 College Algebra MUSI 1310 or ARTS 1301 (Fine Art requirement)

Grade 11 Fall

HIST 1301 United States History I

HUMA 1301 Intro to Humanities

MATH 2412 Precalculus

BIOL 1306/1106 Biology for Science Majors I

Grade 11 Spring

HIST 1302 United States History II

SOCI 1301 Intro to Sociology

MATH 2413 Calculus I

BIOL 1307/1107 Biology for Science Majors II

Grade 12 Summer

PHYS 1301/1101 College Physics

EDUC 1100 Learning Framework

Grade 12 Fall

ENGL 1301 English Composition I

GOVT 2305 Federal Government

CHEM 1311/1111 General Chemistry I

SPCH 1315 Principles of Public Speaking

Grade 12 Spring

ENGL 1302 English Composition II

GOVT 2306 Texas Government

CHEM 1312/1112 General Chemistry II

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

Associate of Arts (Communications)

Grade 11 Summer

SPCH 1315 Principles of Public Speaking MUSI 1310 or ARTS 1301 (Fine Art requirement)

Grade 11 Fall

HIST 1301 United States History I

HUMA 1301 Intro to Humanities

MATH 1332 Contemporary Mathematics

SPAN 1411 Beginning Spanish I

Grade 11 Spring

HIST 1302 United States History II

SOCI 1301 Intro to Sociology

EDUC 1100 Learning Framework

SPAN 1412 Beginning Spanish II

Grade 12 Summer

COMM 1307 Intro to Mass Communication

PHED 1164

Into Physical Fitness and Wellness

Grade 12 Fall

ENGL 1301 English Composition I

GOVT 2305 Federal Government

GEOL 1303/1103 Physical Geology

SPAN 2311 Intermediate Spanish I

ENGL 1302

GOVT 2306

GEOL 1304/1104

SPAN 2312

English Composition II

Texas Government

Historical Geology

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 (Criminal Justice)

Grade 11 Summer

SPCH 1315 Principles of Public Speaking MUSI 1310 or ARTS 1301 (Fine Art requirement)

Grade 11 Fall

HIST 1301 United States History I

MATH 1332 Contemporary Mathematics

CRIJ 1301 Intro to Criminal Justice

CRIJ 1306 Court Systems and Practices

Grade 11 Spring

HIST 1302 United States History II

HUMA 1301

CRIJ 1310

CRIJ 2328

Intro to Humanities

Fundamentals of Criminal Justice

Police Systems & Practices

Grade 12 Summer

EDUC 1100 Learning Framework

SOCI 1301

Intro to Sociology

Grade 12 Fall

ENGL 1301 English Composition I

GOVT 2305 Federal Government

BIOL 1306/1106 Biology for Science Majors I

CRIJ 2313 Correctional Systems

ENGL 1302

GOVT 2306

BIOL 1307/1107

CRIJ 1307

English Composition II

Texas Government

Biology for Science Majors II

Crime in America

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)

Grade 11 Summer

SPCH 1315 Principles of Public Speaking MUSI 1310 or ARTS 1301 (Fine Art requirement)

Grade 11 Fall

HIST 1301 United States History I

HUMA 1301 Intro to Humanities

MATH 1314 College Algebra

PSYC 2301 General Psychology

Grade 11 Spring

HIST 1302 United States History II

SOCI 1301 Intro to Sociology

PSYC 2317 Statistical Methods in Psychology

PSYC 2314 Lifespan Growth and Development

Grade 12 Summer

EDUC 1100 Learning Framework

SOCI 1306

Social Problems

Grade 12 Fall

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

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