



Course Matrix for College Core Curriculum Completion

Based on Del Mar College Core Curriculum Course Requirements

Prepares for transfer to a Texas public university with 42 hours of core curriculum completed Pre-Core College Requirements:

TSI Compliance/College Readiness

1 College Course = 3 college credit hours = 0.5 (one semester) high school credits

	DEL MAR Course	Course Title	College Credit Hours	SSTCC High School Course Title& PEIMS #	High School Credit
Communications 6 Credit Hours Two Courses	ENGL 1301	Composition I	3	English III A (03220300) English IV A (03220400)	0.5
	ENLG 1302	Composition II	3	English III B (03220300) English IV B (03220400)	0.5
	SPCH 1311	Intro. To Speech Communication	3	Communication Applications (03241400)	0.5
	SPCH 1315	Public Speaking	3	Public Speaking I (03240900)	0.5
Mathematics 3 Credit Hours One Course	MATH 1314	College Algebra	3	Precalculus A (03101100) Ind. Studies in Math (03102500)	0.5
	MATH 1316	Plane Trigonometry	3	Precalculus B (03101100) Ind. Studies in Math (03102500)	0.5
	MATH 2413	Calculus I	4	Ind. Studies in Math (03102500)	0.5
	MATH 1324	Mathematics for Business and Social Sciences	3	Ind. Studies in Math (03102500)	0.5
	MATH 1325	Calculus for Business and Social Sciences	3	Ind. Studies in Math (03102500)	0.5
	MATH 1342	Elementary Statistical Methods	3	Ind. Studies in Math (03102500)	0.5
Life and Physical Sciences 6 Credit Hours Two Courses	BIOL 1406	Biology for Science Majors I (lecture + lab)	4	Scientific Research and Design I-III (13037200, 13037210, 13037220)	0.5
	BIOL 1407	Biology for Science Majors II (lecture + lab)	4	Scientific Research and Design I-III (13037200, 13037210, 13037220)	0.5
	BIOL 1308	Biology for Non-Science Majors I (lecture + lab)	3	Scientific Research and Design I-III (13037200, 13037210, 13037220)	0.5
	BIOL 1309	Biology for Non-Science Majors II (lecture)	3	Scientific Research and Design I-III (13037200, 13037210, 13037220)	0.5
	BIOL 2401	Anatomy and Physiology I (lecture + lab)	4	Anatomy and Physiology A (13020600)	0.5
	BIOL 2402	Anatomy and Physiology II (lecture + lab)	4	Anatomy and Physiology B (13020600)	0.5
	CHEM 1406	Introductory Chemistry I (lecture + lab)	4	Chemistry A or B (3040000) Scientific Research and Design I-III (13037200)	0.5
	CHEM 1407	Introductory Chemistry II (lecture + lab)	4	Chemistry A or B (3040000) Scientific Research and Design I-III (13037200)	0.5
	CHEM 1411	General Chemistry I (lecture + lab)	4	Chemistry A or B (3040000) Scientific Research and Design I-III (13037200)	0.5
	CHEM 1412	General Chemistry II (lecture + lab)	4	Chemistry A or B (3040000) Scientific Research and Design I-III (13037200)	0.5
	PHYS 1305	Elementary Physics I (lecture)	4	Scientific Research and Design I-III (13037200)	0.5
	PHYS 1401	College Physics I (lecture + lab)	4	Physics A (3050000) Scientific Research and Design I-III (13037200)	0.5
	PHYS 1402	College Physics II (lecture + lab)	4	Physics B (3050000) Scientific Research and Design I-III (13037200)	0.5
	GEOL 1301	Earth Sciences for Non-Science Majors I (lecture)	3	Earth and Space Science A or B (03060200)	0.5
	PHYS 1303	Stars and Galaxies (lecture)	3	Earth and Space Science A or B (03060200) Astronomy (03060100)	0.5

Language, Philosophy and Culture 3 Credit Hours One Course	ENGL 2322	British Literature I	3	English IV A or B (03220400)	0.5
	ENGL 2323	British Literature II	3	English IV A or B (03220400)	0.5
	ENGL 2327	American Literature I	3	English IV A or B (03220400)	0.5
	ENGL 2328	American Literature II	3	English IV A or B (03220400)	0.5
	ENGL 2332	World Literature I	3	English IV A or B (03220400)	0.5
	ENGL 2333	World Literature II	3	English IV A or B (03220400)	0.5
Creative Arts 3 Credit Hours One Course	ART 1301	Art Appreciation	3	Art I, Art Appreciation (03500110)	1
	MUSI 1306	Music Appreciation	3	Music Studies, Music Appreciation I (03155600)	1
American History 6 Credit Hours Two Courses	HIST 1301	United States History I	3	US History A (3340100)	0.5
	HIST 1302	United States History II	3	US History B (3340100)	0.5
Government/Political Science 6 Credit Hours Two Courses	GOVT 2305	Federal Government	3	US Government (3330100)	0.5
	GOVT 2306	Texas Government	3	Special Topics in Social Studies (03380002)	0.5
Social and Behavioral Sciences 3 Credit Hours One Course	ECON 2301	Principles of Macroeconomics	3	Economics (3310300)	0.5
	ECON 2302	Principles of Microeconomics	3	Economics Advanced Studies (03310301)	0.5
	PSYC 2301	General Psychology	3	Psychology (03350100)	0.5
	SOCI 1301	Introductory Sociology	3	Sociology (03370100)	0.5
	TECA 1354	Child Growth and Development	3	Child Development (13024700)	0.5
Component Area Option 6 Credit Hours Two Courses <small>NOTE: At least 3 credits of Component Area Option must be chosen from the 8 Foundational Component Areas. Up to 3 credits may be chosen from Component Area Option list. Courses may count for Foundational Component Area hours or Component Area Option hours, but not both</small>	KINE 1238	Introduction to Physical Fitness and Sport	3	Foundations of Personal Fitness (PES00052)	0.5
Core Complete 42 Credits					

Texas A&M University-Kingsville
Dual Enrollment Course Crosswalk

<u>Course Number</u>	<u>Texas A&M University-Kingsville Course Title</u>	<u>SSTCC High School TEKS Course*</u>	<u>College Credit</u>
Communication (Core Requirement 6 SCH)			
ENGL 1301	Rhetoric and Composition	English III A/ English IV A	3
ENGL 1302	Rhetoric and Composition	English III B/English IV B	3
Mathematics (Core Requirement 3 SCH)			
MATH 1314	College Algebra	PreCalculus A	3
MATH 1316	Trigonometry	PreCalculus B	3
MATH 1324	Math for Business and Economics I	Ind. Studies in Math (X Time Taken)	3
MATH 1325	Math for Business and Economics II	Ind. Studies in Math (X Time Taken)	3
MATH 1348	Analytic Geometry	Ind. Studies in Math (X Time Taken)	3
MATH 2413	Calculus I	Ind. Studies in Math (X Time Taken)	4
Life & Physical Sciences (Core Requirement 6 SCH)			
BIOL 1306/1106	General Biology I	Biology A/Scientific Research & Design A	4
BIOL 1307/1107	General Biology II	Biology B/Scientific Research & Design B	4
BIOL 2401	Human Anatomy and Physiology I	Anatomy & Physiology A	4
BIOL 2402	Human Anatomy and Physiology II	Anatomy & Physiology B	4
CHEM 1311/1111	General Inorganic Chemistry I	Chemistry A/Scientific Research & Design A	4
CHEM 1312/1112	General Inorganic Chemistry II	Chemistry B/Scientific Research & Design B	4
GEOL 1303/1103	Physical Geology	Scientific Research & Design II or III	4
GEOL 1304/1104	Historical Geology	Scientific Research & Design II or III	4
PHYS 1301/1101	College Physics I	Physics A/Scientific Research & Design A	4
PHYS 1302/1102	College Physics II	Physics B/Scientific Research & Design B	4

Language, Philosophy and Culture (Core Requirement 3 SCH)			
ENGL 2342	Readings in Poetry and Novel	English IV A or B	3
SPAN 1313	Elementary Spanish I	Spanish II A	3
SPAN 1314	Elementary Spanish II	Spanish II B	3
PHIL 1301	Introd to Philosophy	Social Studies Advanced Studies	3
Creative Arts (Core Requirement 3 SCH)			
ARTS 1303	Art History I	Art I, Art Appreciation	3
American History (Core Requirement 6 SCH)			
HIST 1301	American History to 1877	US History A	3
HIST 1302	American History since 1877	US History B	3
Government/Political Science (Core Requirement 3 SCH)			
POLS 2301	Government and Politics of US	US Government	3
POLS 2302	Government and Politics of TX	Social Studies Advanced Studies	3
Social and Behavioral Science (Core Requirement 3 SCH)			
ECON 2301	Principles of Macroeconomics	Economics/Economics Advanced Studies	3
EVEN 2372	Enviromental Engineering in a Global Society	Scientific Research & Design	3
PSYC 2301	Introduction to Psychology	Psychology	3
SOCI 1301	Principles of Sociology	Sociology	3
Component Option A - Communication (Core Requirement 3 SCH)			
COMS 1311	Intro to Oral Communication	Communication Applications	3
COMS 1315	Bus and Professional Communication	Independent Study In Speech (X Time Taken)	3
COMS 2374	Professional Communication	Independent Study In Speech (X Time Taken)	3
Component Option B - Communication (Core Requirement - up to three (3) semester credit hours.			
ENGL 2314	Technical Writing	Research/Technical Writing	3
PHIL 1301**	Intro to Philosophy	Social Studies Advanced Studies	3
If a science lab is completed (as noted above), up to 3 SCH can be used to fulfill this core requirement.			3

*High School course is subject to change. Alignment of the high school course is determined and approved by the High School/District curriculum. However, the course can only be used to satisfy one area. Example, if the student takes the course and uses it to fulfill one