



## B.S. CSDA Course Titles (Prerequisites Shown in Parenthesis)

A grade of C or better is required for all prerequisites and all freshman English courses

ANTH 2351	Cultural Anthropology	GEOL 1304	Historical Geology (GEOL 1303)
ARTS 1301	Art Appreciation	GERM 1311	Elementary German I
ARTS 1303	Art History I [Prehistoric to the 14th century]	GERM 1312	Elementary German II
ARTS 1304	Art History II [14th Century to the present]	GOVT 2305	Federal Government
ASTR 1303	Classical & Modern Astronomy	GOVT 2306	Texas Government
BIOL 1306	Biology for Science Majors I (TSI Complete %)	HIST 1301	United States History I [1000-1877]
BIOL 1307	Biology for Science Majors II	HIST 1302	United States History II [1877-present]
BIOL 1308	Biology for Non-Science Majors I	HIST 2311	Western Civilization I [prehistory to 1500]
BIOL 1309	Biology for Non-Science Majors II	HIST 2312	Western Civilization II [since 1500]
BIOL 1313	General Zoology	HIST 2321	World Civilizations I [prehistory to 1500]
BIOL 2301	Human Anatomy & Physiology I (TSI Complete %)	HIST 2322	World Civilizations II [since 1500]
BUSI 2304	Business Communication	INCM 1301	International and Intercultural Communication in Latin America
CHEM 1305	Introductory Chemistry I (Advanced math score #)	INCM 1302	International and Intercultural Communication in France
CHEM 1311	General Chemistry I (MATH 1314, 1324, ACT 25, SAT 580, or co-req MATH 2211)	INCM 1303	International and Intercultural Communication in Germany
CHEM 1312	General Chemistry II (CHEM 1311, MATH 1314)	INCM 1304	International and Intercultural Communication in Brazil
		INCM 1305	International and Intercultural Communication
<b>CSCI - Computer Science Courses</b>		INRW 0399	Integrated Reading and Writing
CSCI 1302	Computer Science Principles (Advanced math score #)	MATH 0398	Introductory Algebra
CSCI 1462	Introduction to Data Analytics (Advanced math score #)	MATH 0199	Intermediate Algebra
CSCI 2302	Computer Programming Principles (CSCI 1302)	MATH 1314	College Algebra (Advanced math score #)
CSCI 2311	Event-Driven Programming (CSCI 1302)	MATH 1316	Plane Trigonometry (Advanced math score #)
CSCI 3302	Data Structures (CSCI 2302, CSCI 2311 recommended)	MATH 1318	Plane Analytic Geometry (MATH 1314, MATH 1316)
CSCI 3333	Discrete Structures (CSCI 1302; MATH 1314 or 1324 or 2211 or 2313)	MATH 2211	Pre-calculus A (2 hrs; prereq: math ACT 21 or SAT 500)
CSCI 3342	Algorithm Analysis (CSCI 3302, CSCI 3333)	MATH 2212	Pre-calculus B (2 hrs; prereq: math ACT 25 or SAT 600)
CSCI 3362	Data Analytics I (CSCI 1462, CSCI 2302; MATH 3325)	MATH 2313	Calculus I (MATH 1318 or 2211 & 2212 or 2412)
CSCI 4111	Ethics in Computer Science (18 hrs [6 adv] CSC; Chair approval)	MATH 2314	Calculus II (MATH 2313)
CSCI 4325	Database Management Systems (CSCI 3302)	MATH 2412	Pre-calculus
CSCI 4362	Data Analytics II (CSCI 3302, CSCI 3362; STAT 3342 or MATH 3340)	MATH 3325	Computational Linear Algebra (MATH 2313, 2113; CSCI 1302)
CSCI 4365	Capstone Project in Data Analytics (CSCI 3342, CSCI 4362; Chair approval)	MATH 3340	Probability Modeling (MATH 2314, 2114)
		MCOM 1307	Survey of Mass Communication
DANC 2303	Dance Appreciation	MUMH 1307	Intro to Music Literature
DRAM 1310	Theatre Appreciation	MUSI 1306	Music Appreciation
DRAM 2366	Film and Culture	PHIL 1301	Introduction to Philosophy
ECON 2301	Principles of Macroeconomics	PHIL 2306	Introduction to Ethics
ECON 2302	Principles of Microeconomics	PHYS 1301	Mechanics & Heat (MATH 1314, MATH 1316; or chair consent)
		PHYS 1302	Electricity, Sound and Light (PHYS 1301)
ENGL 1301	Rhetoric & Composition (THEA English pass or INRW 0399)	PHYS 1305	General Physics I
ENGL 1302	Research & Argument (ENGL 1301)	PHYS 1307	General Physics II
ENGL 2309	LIT: Introduction to Mythology (6 hrs freshman ENGL)	PHYS 1310	Fundamentals of Electronics
ENGL 2311	Technical and Scientific Writing (6 hrs freshman ENGL)	PHYS 2325	Technical Physics I (MATH 2313 pre- or co-req)
ENGL 2322	LIT: British Literature to 1800 (6 hrs freshman ENGL)	PHYS 2326	Technical Physics II (MATH 2313, PHYS 2325)
ENGL 2323	LIT: British Literature from 1800 (6 hrs freshman ENGL)	PORT 1311	Elementary Portuguese I
ENGL 2327	LIT: American Literature to 1865 (6 hrs freshman ENGL)	PORT 1312	Elementary Portuguese II
ENGL 2328	LIT: American Literature from 1865 (6 hrs freshman ENGL)	PSYC 2301	General Psychology
ENGL 2332	<i>LIT: World Literature to 1650 (6 hrs freshman ENGL)</i>	SGNL 1301	Beginning American Sign Language
ENGL 2333	<i>LIT: World Literature from 1650 (6 hrs freshman ENGL)</i>	SGNL 1302	Intermediate American Sign Language
ENGL 2335	LIT: Literary Genres	SOCI 1301	Introduction to Sociology
ENGL 2341	<i>LIT: Introduction to Literature (6 hrs freshman ENGL)</i>	SPAN 1311	Elementary Spanish I
FORS 2351	Introduction to Human Dimensions and Recreation	SPAN 1312	Elementary Spanish II
FREN 1311	Elementary French I	SPCH 1315	Public Speaking
FREN 1312	Elementary French II	SPCH 1318	Interpersonal Communication
GEOG 1303	World Regional Geography	SPCH 2333	Teamwork and Group Communication
GEOL 1303	Introductory Geology	STAT 3342	Statistical Methods (MATH 1342)

### % TSI Complete

Students must be TSI complete or exempt or have completed all required developmental courses with C's or better. <http://www.sfasu.edu/studentuccess/264.asp>

### # Advanced math score:

Required: 2 years High School Algebra; 1 year High School Geometry; TSI complete or exempt  
Strong recommendation: ACT 21, SAT 530 or a C or better in MATH 0199

Advising: <http://www.sfasu.edu/academics/colleges/sciences-math/computer-science/student-resources/advising>

Syllabi: <http://www.sfasu.edu/academics/colleges/sciences-math/computer-science/about/faculty-resources>

Course Rotation: <http://www.sfasu.edu/academics/colleges/sciences-math/computer-science/student-resources/advising/course-rotation>