

CORE CURRICULUM

The state of Texas defines a core curriculum as a "curriculum in the liberal arts, humanities, sciences, political, social, and cultural history, that all graduates of an institution of higher education are required to complete before receiving a baccalaureate degree."

TVCC's Core Curriculum

TVCC's core curriculum consists of 42 semester credit hours that will transfer as a core block to any state college or university. After completing the core curriculum, TVCC students need only 18 additional semester credit hours to receive the Associate of Arts degree, Liberal Arts major (AA) (<https://coursecatalog.tvcc.edu/degrees-certificates/academic-division/aa-multidisciplinary/>), or the Associate of Arts degree, Teaching major (AAT) (<https://coursecatalog.tvcc.edu/pathways/public-services/teaching/>).

Communication (010)

Code	Title	Hours
ENGL-1301 & ENGL-1302	Composition I and Composition II	6

Mathematics (020)

Code	Title	Hours
Select one of the following:		3
MATH-1314	College Algebra	
MATH-1324	Mathematics for Business and Social Sciences	
MATH-1325	Calculus for Business and Social Sciences	
MATH-1332	Contemporary Mathematics (quantitative Reasoning)	
MATH-1342	Elementary Statistical Methods	
MATH-2312	Pre-Calculus Math	
MATH-2413	Calculus I	

Life & Physical Sciences (030)

Code	Title	Hours
Select two courses from the following:		6
BIOL-1406	Biology for Science Majors I	
BIOL-1407	Biology for Science Majors II	
BIOL-1408	Biology for Non-Science Majors I	
BIOL-1409	Biology for Non-Science-Majors II	
BIOL-1411	General Botany	
BIOL-1413	General Zoology	
BIOL-2401	Anatomy and Physiology I	

BIOL-2402	Anatomy and Physiology II
BIOL-2420	Microbiology for Non-Science Majors
BIOL-2421	Microbiology for Science Majors
BIOL-2404	Anatomy and Physiology (single-Semester) Course)
CHEM-1405	Introductory Chemistry I
CHEM-1406	Introductory Chemistry I for Allied Health
CHEM-1407	Introductory Chemistry II
CHEM-1411	General Chemistry I
CHEM-1412	General Chemistry II
CHEM-2423	Organic Chemistry I
CHEM-2425	Organic Chemistry II
PHYS-1401	College Physics I
PHYS-1402	College Physics II
PHYS-1415	Physical Science I
PHYS-1417	Physical Science II
PHYS-2425	University Physics I
PHYS-2426	University Physics II

Code	Title	Hours
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The following science combinations will satisfy the life & physical science requirement:

BIOL-1406 & BIOL-1407	Biology for Science Majors I and Biology for Science Majors II	6
BIOL-1408 & BIOL-1409	Biology for Non-Science Majors I and Biology for Non-Science-Majors II	6
BIOL-1411 & BIOL-1413	General Botany and General Zoology	6
BIOL-1406	Biology for Science Majors I (with any CHEM or PHYS)	6
BIOL-1407	Biology for Science Majors II (with any CHEM or PHYS)	6
BIOL-1408	Biology for Non-Science Majors I (with any CHEM or PHYS)	6
BIOL-1409	Biology for Non-Science-Majors II (with any CHEM or PHYS)	6
BIOL-1411	General Botany (with any CHEM or PHYS)	6
BIOL-1413	General Zoology (with any CHEM or PHYS)	6
CHEM-1405 & CHEM-1407	Introductory Chemistry I and Introductory Chemistry II	6
CHEM-1406 & CHEM-1407	Introductory Chemistry I for Allied Health and Introductory Chemistry II	6
CHEM-1405	Introductory Chemistry I (with any BIOL or PHYS)	6

CHEM-1406	Introductory Chemistry I for Allied Health (with any BIOL or PHYS)	6
CHEM-1407	Introductory Chemistry II (with any BIOL or PHYS)	6

Language, Philosophy, And Culture (040)

Code	Title	Hours
Select one of the following:		3
ENGL-2322	British Literature Iÿ	
ENGL-2323	British Literature II	
ENGL-2327	American Literature Iÿ	
ENGL-2328	American Literature II	
ENGL-2332	World Literature Iÿ	
ENGL-2333	World Literature II	
HUMA-1301	Introduction to Humanities Iÿ	
PHIL-2306	Introduction to Ethics	
SPAN-2311	Intermediate Spanish I	
SPAN-2312	Intermediate Spanish II	

Creative Arts (050)

Code	Title	Hours
Select one of the following:		3
ARTS-1301	Art Appreciation	
ARTS-1303	Art History I (prehistoric to the 14th Century)	
ARTS-1304	Art History II (14th Century to the Present)ÿ	
DRAM-1310	Theater Appreciation	
DRAM-2366	Film Appreciation	
MUSI-1306	Music Appreciation	
MUSI-1307	Music Literature	
MUSI-1310	American Music	

History (060)

Code	Title	Hours
Select two of the following:		6
HIST-1301	United States History I	
HIST-1302	United States History IIÿ	
HIST-2301	Texas History	

Government (070)

Code	Title	Hours
GOVT-2305 & GOVT-2306	Federal Government (Fed Constitution) Constitution & Topics) and Texas Government (Texas Constitution) Topics)	6

Social & Behavioral Sciences (080)

Code	Title	Hours
Select one of the following:		3
ECON-2301	Principles of Macroeconomics	
ECON-2302	Principles of Microeconomics	
PSYC-2301	General Psychology	
PSYC-2314	Lifespan Growth and Development	
SOCI-1301	Introduction to Sociology	
SOCI-1306	Social Problems	
SOCI-2301	Marriage and the Family	

Component Area Requirement CAO (090)

Code	Title	Hours
Select two courses of the following:		6
BCIS-1305	Business Computer Applications	
BIOL-1406	Biology for Science Majors I	
BIOL-1407	Biology for Science Majors II	
BIOL-1411	General Botany	
BIOL-1413	General Zoology	
BIOL-2401	Anatomy and Physiology I	
BIOL-2402	Anatomy and Physiology II	
BIOL-2420	Microbiology for Non-Science Majors	
BIOL-2421	Microbiology for Science Majors	
BIOL-2404	Anatomy and Physiology (single-Semester) Course)	
CHEM-1405	Introductory Chemistry I	
CHEM-1406	Introductory Chemistry I for Allied Health	
CHEM-1407	Introductory Chemistry II	
CHEM-1411	General Chemistry I	
CHEM-1412	General Chemistry II	
CHEM-2423	Organic Chemistry I	
CHEM-2425	Organic Chemistry II	
EDUC/PSYC-1300	Learning Framework	
ENGL-2311	Technical & Business Writing (single Semester Course)	
MATH-1314	College Algebra	
MATH-1324	Mathematics for Business and Social Sciences	

MATH-1325	Calculus for Business and Social Sciences
MATH-1332	Contemporary Mathematics (quantitative Reasoning)
MATH-1342	Elementary Statistical Methods
MATH-1350	Mathematics for Teachers I (fundamentals of Mathematics I)
MATH-1351	Mathematics for Teachers II (fundamentals of Mathematics II)
MATH-2312	Pre-Calculus Math
MATH-2413	Calculus I
MATH-2414	Calculus II
MATH-2415	Calculus III
MATH-2318	Linear Algebra
MATH-2320	Differential Equations
PHYS-1401	College Physics I
PHYS-1402	College Physics II
PHYS-1415	Physical Science I
PHYS-1417	Physical Science II
PHYS-2425	University Physics I
PHYS-2426	University Physics II
SPCH-1315	Public Speaking
SPCH-1321	Business and Professional Communication

Suggested Pathway Electives

Code	Title	Hours
Suggested pathway electives to complete 60 semester hours (2 of the 18 hours will consist of science labs)		18