

If you need to raise your GPA and would like to duplicate a specific course, please view [TCCNS](#). You may search by institution to find an equivalent course to take.

Texas Common Course Numbering System (TCCNS)

The Texas Common Course Numbering System (TCCNS) has been adopted voluntarily by many public community colleges and universities in Texas. Common Courses are freshman and sophomore academic credit courses that have been identified as common by institutions that are members of the common course numbering system. UH-Victoria is a member institution of the TCCNS. The system is designed to assist students in the transfer from one Texas college or university to another.

The numbering system consists of a set of four-character abbreviations for academic disciplines and four-digit course numbers. The first digit of the number reflects the academic level of the course (1 for freshman, 2 for sophomore) and the second digit reflects the semester-credit-hour value of the course. The third and fourth digits represent sequence.

The common courses listed below are required for the various degrees at UH-Victoria. These course numbers will be used in the evaluation of lower division courses transferred from other institutions. A student who has completed the core curriculum at another Texas public institution will have satisfied the core curriculum requirements for UHV.

Students who have not completed the core at another Texas public institution are subject to the following guidelines. Any transferable lower division course, which is not equivalent to a course listed in this roster, will transfer as a non-advanced elective. The dean of the student's major will make the decision concerning the application of transfer credit to the degree program with the advice and consent of the Provost and Vice President for Academic Affairs or his/her designate. Courses will transfer on the same level and with the corresponding number of hours as earned at another institution.

Accounting (ACCT)

ACCT 2301; 2401: Accounting Theory I
Fundamentals of financial reporting.

ACCT 2302; 2402: Accounting Theory II
Analysis of financial data for managerial decisions.

Art (ARTS)

ARTS 1313; 1325: Fundamentals of Art
A general education course open to all students. A basic course in theory and practice of two- and three-dimensional organization as related to design principles; includes a series of creative art experiences involving a variety of art media.

Biology (BIOL)

BIOL 2401; 2402: Anatomy and Physiology
The anatomy and physiology of the human body; the various physiological processes.

BIOL 1406; 1407: General Biology for Science Majors
Major concepts of biology for science majors.

BIOL 1408; 1411: Botany
Fundamental principles of plant life including the structure, taxonomy, adaptation, physiology, genetics and life histories of plants.

BIOL 1409; 1413: Zoology
Fundamental principles of living animals with emphasis on man; principles of heredity, early embryology and ecology.

BIOL 2420: Microbiology
Fundamental principles of the relationship of microorganisms to the life of human beings.

Business Computer Information Systems (BCIS)

BCIS 1305: Business Computer Applications
Computer terminology, hardware, software, operating systems, and information systems relating to the business environment. The main focus of this course is on business applications of software, including word processing, spreadsheets, databases, presentation graphics, and business-oriented utilization of the Internet.

Chemistry (CHEM)

CHEM 1407: Introductory Biochemistry
Fundamentals of biological chemistry. Topics may include inorganic, organic, biochemistry, food/physiological chemistry, and environmental/consumer chemistry.

CHEM 1411: General Inorganic Chemistry
Study of fundamental laws, theories and concepts of chemistry; structure of matter; solutions.

CHEM 1412: General Inorganic Chemistry
Systematic qualitative analysis; balancing oxidation-reduction equations; equilibrium; introduction to organic chemistry; atomic energy.

CHEM 2123: Organic Chemistry Lab
Lab to accompany CHEM 2323.

CHEM 2125: Organic Chemistry Lab
Lab to accompany CHEM 2325.

CHEM 2323: Organic Chemistry
Major concepts of organic chemistry for chemistry majors and pre-professional students. Study of the properties and behavior of hydrocarbon compounds and their derivatives.

CHEM 2325: Organic Chemistry
Continuation of CHEM 2323. Major concepts of organic chemistry for chemistry majors and pre-professional students.

Computer Science (COSC)

COSC 1301; 1401: Microcomputer Applications
Overview of computer information systems. Introduces computer hardware, software, procedures, systems, and human resources and explores their integration and application in business and other segments in society.

COSC 1317; 1417: FORTRAN Programming
Fundamental programming and programming structure using the FORTRAN language.

COSC 1432: COBOL Programming
Fundamental programming and programming structure using the COBOL language.

COSC 1336; 1436: Programming Fundamentals I
Introduces the fundamental concepts of structured programming. Topics include software development methodology, data types, control structures, functions, arrays, files, and the mechanics of running, testing, and debugging. This course assumes computer literacy. The course is taught in C.

COSC 1337; 1437: Programming Fundamentals II
Review of control structures and data types with emphasis on structured data types. Applies the object-oriented programming paradigm. Course is taught using JAVA.

COSC 1318; 1418: PASCAL Programming
Fundamental programming and programming structure using the PASCAL language.

COSC 1420; 2420: C Programming
Fundamental programming and programming structure using the C language.

COSC 2335; 2425: Computer Organization and Machine Language
Basic computer organization; machine cycle, digital representation of data and instructions; assembly language programming, assembler, loader, macros, subroutines, and program linkages.

COSC 2432: Advanced COBOL Programming
Advanced programming and programming structure using the COBOL language.

COSC 2336; 2436: Data Structures and Algorithms(Programming Fundamentals III)

Further applications of programming techniques, introducing the fundamental concepts of data structures and algorithms. Course is taught in C/C++.

ITSE 1331; 1431: Introduction to Visual Basic Programming

Introduction to computer programming using Visual BASIC. Emphasis on fundamentals of structured design, development, testing, implementation, and documentation.

Criminal Justice (CRIJ)

CRIJ 1301: Introduction to Criminal Justice

History and philosophy; nature and impact; overview of criminal justice system; court system.

CRIJ 1306: The Courts and Criminal Procedure

Structure of American court system; prosecution; right to counsel; pre-trial release; grand juries; adjudication process; sentencing.

CRIJ 1307: Crime in America

American crime problems: historical perspective, social policy, impact and trends, social characteristics of crime, and prevention.

CRIJ 1310: Fundamentals of Criminal Law

Nature; historical development; concepts; classification of crime; elements and penalties.

CRIJ 2301: Community Resources in Corrections

Role of community in corrections; programs for adults and juveniles; administration of community programs; legal issues.

CRIJ 2313: Correctional Systems and Practices

Correctional role; institutional operations; alternatives to institutionalization; treatment and rehabilitation.

CRIJ 2314: Criminal Investigation

Investigative theory; collection and preservation of evidence; forensic sciences; case and trial preparation.

CRIJ 2323: Legal Aspects of Law Enforcement

Police authority; responsibilities; constitutional restraints; laws of arrest, search and seizure; police liability.

CRIJ 2328: Police Systems and Practices

Police profession-organization; role; ethics; community relations.

Economics (ECON)

ECON 2301: Principles of Economics I

Economic instability and economic growth; monetary, fiscal and related policies designed to cope with these two important problems.

ECON 2302: Principles of Economics II

Resource allocation, income distribution and international trade; monopoly, oligopoly and competition; labor unions, collective bargaining, tariff regulations and other institutions.

Education (EDUC)

EDUC 1301: Schools and Society

An enriched and integrated pre-service course and content experience that provides active recruitment and support of undergraduates interested in careers in teaching, especially in high need fields such as secondary math and science education, bilingual education, and special education. The course provides students with opportunities to participate in early field experiences including middle and high school classrooms with varied and diverse student populations, provides students with support from college and school faculty, preferably in small cohort groups, for the purpose of introducing and analyzing the culture of schooling and classrooms from the perspectives of language, gender, socio-economic, ethnic, and disability-based academic diversity and equity.

English (ENGL)

ENGL 1301; 1302: Freshman Composition

Rhetoric and composition; practice in expository writing; methods of research and the research essay.

ENGL 2331; 2332; 2333: Western World Literature

First semester: Classical and medieval literature; Second semester: World literature from Renaissance to the present.

ENGL 2322; 2323: Survey of English Literature

First semester: Beowulf to Romantic Period; Second semester: Romantic Period to present.

ENGL 2326; 2327; 2328: American Literature

Study of works of major American writers stressing background, appreciation and development.

French (FREN)

FREN 1411-1412: Elementary French

Understanding, speaking and pronouncing French.

FREN 2311-2312: Intermediate French

Grammar review, reading of literary materials, conversation and composition.

Geography (GEOG)

GEOG 1301; 1303: World Geography

Examination of the interactions between people, cultures and natural surroundings.

Geology (GEOL)

GEOL 1303-1103; 1403: Physical Geology

Emphasis on earth materials and physical processes operating on and in the earth.

GEOL 1304-1104; 1404: Historical Geology

Geologic history of the earth; uses of geological principles to interpret earth history.

German (GERM)

GERM 1411-1412: Elementary German

Understanding, speaking and pronouncing German.

GERM 2311-2312: Intermediate German

Grammar review, reading of literary materials, conversation and composition.

Government (GOVT)

GOVT 2301; 2306: American Government: National, State and Local

Origin and development of federal system; national and Texas constitutions; emphasis on processes of state government. Satisfies Texas government requirement for teacher certification.

GOVT 2302; 2305: American Government: National, State and Local

Structure of American political system; study of government of United States, its origins and growth.

History (HIST)

HIST 2311; 2312; 2321; 2322: History of Western Civilization

First semester: Ancient and medieval backgrounds to 1450; Second semester: Europe and European Expansion since 1450.

HIST 1301; 1302: United States History

First semester: U.S. History to 1865; Second semester: U.S. History since 1865.

HIST 2301; 2303: Texas History

Mathematics (MATH)

- MATH 1314: College Algebra**
A study of fundamental concepts of algebra, equations and inequalities; matrices and determinants, functions, exponential and logarithmic functions.
- MATH 1316: Trigonometry**
Trigonometry functions and their applications.
- MATH 1324: Finite Mathematics**
Discrete probability, vectors and matrices, linear equations and linear programming.
- MATH 1325: Elements of Calculus for Business**
For applications in business and social sciences; curve sketching and graphical analysis; differentiation and integration of elementary functions.
- MATH 1332: College Mathematics**
Modern algebra and geometry. Sets, logic, number systems, number theory, functions, equivalence, congruence, measurement, and introduction to probability & statistics.
- MATH 1350: Fundamentals of Mathematics I**
Concepts of sets, functions, numeration systems, number theory, and properties of the natural numbers, integers, rational, and real number systems with an emphasis on problem solving and critical thinking. This course is designed specifically for students who seek middle grade (4-8) teacher certification.
- MATH 1351: Fundamentals of Math II**
Concepts of geometry, probability, and statistics, as well as applications of the algebraic properties of real numbers to concepts of measurement with an emphasis on problem solving and critical thinking. This course is designed specifically for students who seek middle grade (4-8) teacher certification.
- MATH 2312; 2412: Pre-calculus**
Properties of real numbers, functions and graphs, trigonometric functions, exponential and logarithmic functions and analytic geometry.
- MATH 2313; 2413: Calculus I**
Functions, limits, differentiation and applications of differentiation.
- MATH 2314; 2414: Calculus II**
Integration, applications of integration, indeterminate forms and improper integrals.
- MATH 2315; 2415: Calculus III**
Sequences, infinite series, power series, partial differentiation, multiple integration and applications of partial differentiation and multiple integration.
- MATH 2320: Differential Equations**
Solution of ordinary differential equations and their applications to problems in engineering and allied fields.

Music (MUSI)

- MUSI 1300; 1301: Fundamentals of Music**
Designed for music majors or non-majors. Provides study of basic notation, note values, scales, intervals, and key signatures with simple keyboard applications. Also, development of music skill including basic theory, rhythm, sight-singing, and elementary chord structure.

Physics (PHYS)

- PHYS 1401: General Physics**
Mechanics, heat and sound.
- PHYS 1402: General Physics**
Magnetism, electricity, light and elementary atomic theory.

Psychology (PSYC)

- PSYC 2301: Introduction to Psychology**
Principles and theories of psychology including growth and development, perception, learning and intelligence, emotions, personality development and mental health.

Sociology (SOCI)

- SOCI 1301: Introduction to Sociology**
Nature and principles of sociology; interrelations of personality, culture and society; social processes, organizations and functions.

Spanish (SPAN)

- SPAN 1411-1412: Elementary Spanish**
Basic and oral expression and listening comprehension with increasing attention to elementary reading and writing.
- SPAN 2311-2312: Intermediate Spanish**
Oral and listening comprehension skills with increased attention to writing and especially reading.

Speech Communication (SPCH)

- SPCH 1311; 1315: Fundamentals of Public Speaking**
Beginning theory and practice of informative and persuasive communication. Satisfies requirement for teacher certification.
- SPCH 1318: Interpersonal and Problem-Solving Communication**
Elementary theory and practice of oral communication in dyadic and small group situations.
- SPCH 1321: Business and Professional Speech**
Fundamentals of speech as they relate to business and professional settings. Includes interviews; informative, persuasive and public speeches.
- SPCH 1342: Voice and Diction**
International phonetic alphabet and the sounds of speech; physiology of the speech mechanism; voice and analysis and drill on vocal characteristics.
- SPCH 2341: Oral Interpretation of Literature**
Introduction to the oral interpretation of poetry, prose and drama.

Texas Early Childhood Articulation (TECA)

- TECA 1303: Families & the Community**
A study of the relationship between the child, family, community, and educators, including a study of parent education and involvement, family and community lifestyles, child abuse, and current family life issues.
- TECA 1311: Introduction to Early Childhood**
An introduction to the profession of early childhood education focusing on developmentally appropriate practices, types of programs, historical perspectives, ethics and current issues.
- TECA 1318: Nutrition, Health & Safety**
A study of nutrition, health, and safety including community health, universal health precautions, and legal implications. Practical application of these principles in a variety of settings.
- TECA 1354: Child Growth & Development**
A study of the principles of child growth and development from conception through adolescence. Focus on physical, cognitive, social, and emotional domains of development.