

ASSOCIATE OF ARTS AND SCIENCE ONLINE COLLABORATIVE (UWX)

UWX AN100 | Introduction to Anthropology | 3 cr

Introduces basic principles and concepts of anthropology and its four sub-fields – Physical/Biological, Archaeology, Socio-Cultural and Linguistic. Provides students with a better understanding of the differences and similarities that exist among human societies and cultures of which they are a part.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Social & Behavioral Science: ANTH

UWX AR104 | Introduction to Graphic Design and Digital Art | 3 cr

Focuses on creating original designs, and applying techniques to a wide range of disciplines and practices, including graphic design, marketing, advertising, and video game design.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Humanities and the Arts: ART

UWX AR175 | Worlds of Art | 3 cr

Introduces visual arts to the non-art major. Focuses on art created by marginalized groups in the U.S. and their ethnic heritage. Multicultural perspectives will be explored – specifically the impact of race, ethnicity, and gender identity have on artistic production, art criticism, art philosophies and aesthetics.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Humanities and the Arts: ART, Ethnic Diversity

UWX AS100 | Survey of Astronomy | 3 cr

Surveys astronomy including the solar system, stars, galaxies, cosmology, and methods astronomers use to learn about the Universe and disseminate their discoveries.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Natural Science: PHYS

UWX BL101 | Concepts of Biology | 4 cr

Introduces the fundamental principles of living organisms. Topics include cell structure and function, growth, basic physiological processes of living organisms, reproduction and inheritance, classification systems, evolution, and diversity of life.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Natural Science: BIOS

UWX BL285 | Anatomy and Physiology I | 4 cr

Examines the structure and function of the human body at the molecular, cellular, tissue, organ, and systems levels of organization. Emphasizes the integration of these levels of organization within the human organism, focusing on body organization, support, movement, and neural control.

Prerequisites: UWX BL101 or instructor consent; admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Natural Science: BIOS

UWX BL286 | Anatomy and Physiology II | 4 cr

Examines the structure and function of the human body at the molecular, cellular, tissue, organ, and system levels of organization. Emphasizes the integration of these levels of organization within the human organism.

Prerequisites: UWX BL285; admitted to AAS degree program or program advisor consent on space available basis.

Offered: Occasionally.

Meets: Natural Science: BIOS

UWX BU101 | Introduction to Business | 3 cr

Provides a broad overview of the environment, principles, and functions of business. Students will gain an understanding of business terminology and practices essential for success in industry. Students will learn about functional areas of business such as economics, management, marketing, technology, accounting and finance.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Social & Behavioral Science: BUS

UWX CH114 | Chemistry in the Kitchen | 4 cr

Explores the chemistry of food at a beginning level, including structure of molecules, interactions between molecules, and how foods change in the cooking process. Labs use kitchen materials, and include measurement, phase change, denaturation, extraction, and energy studies. Not a prerequisite for higher-level chemistry courses or pre-professional programs.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Natural Science: CHEM

UWX CH140 | General Chemistry I Lab | 1 cr

Introduces chemistry including matter and energy, atomic and molecular structure, bonding, reactions and stoichiometry, gas laws, and changes of state.

Prerequisites: UWX CH144 or concurrent enrollment; admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Natural Science: CHEM

UWX CH144 | General Chemistry I | 4 cr

Introduces chemistry including matter and energy, atomic and molecular structure, bonding, reactions and stoichiometry, gas laws, and changes of state.

Prerequisites: UWX MA093 with a grade of C or better; admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Natural Science: CHEM

UWX CM101 | Introduction to Public Speaking | 3 cr

Provides communication experiences intended to improve students' public speaking and listening skills across a broad spectrum of situations including intercultural communication, public communication, small group communication and interpersonal communication.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Humanities and the Arts: COMM

UWX CM114 | Interpersonal Communication | 3 cr

Examines how communication works in personal relationships (e.g., friends, romantic relationships, family). Emphasizes mastery and application of basic concepts through extensive discussion of interpersonal goals, needs, and wants in personal affairs to facilitate the development of knowledge, insights, and communicative skills in dyadic, face-to-face interaction.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Occasionally.

Meets: Humanities and the Arts: COMM

UWX CM213 | Intercultural Communication | 3 cr

Introduces students to the complex relationship between culture and communication. The role of communication and context (social, cultural, historical) in intercultural interactions is demonstrated through multiple perspectives. Examines issues surrounding theory development, such as ethical considerations and dialogues on opposing perspectives.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Social & Behavioral Science: COMM, Ethnic Diversity

UWX CS130 | Introduction to Programming | 3 cr

Explores fundamentals of computer programming. Including (but are not limited to): the vocabulary of computer programming, algorithms, use of computer programming to solve problems, fundamental control structures, and function/procedure-writing.

Prerequisites: UWX MA116; admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Natural Science: CSCI

UWX EC203 | Macroeconomics | 3 cr

Emphasizes macroeconomics analysis and covers areas such as national income, commercial banking, business fluctuations, monetary and fiscal policies and international trade.

Prerequisites: UWX MA093; admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Social & Behavioral Science: ECON

UWX EC204 | Microeconomics | 3 cr

Focuses on specific problems pertaining to individual, household, firm and business behavior. Emphasizes different market morphologies.

Prerequisites: UWX MA093; UWX EN101; admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Social & Behavioral Science: ECON

UWX ED230 | Educational Psychology | 3 cr

Explores child and adolescent development through the psychological principles of teaching and learning, emphasizing social, emotional, physical, and intellectual development. Focuses on the critical aspects of learning that may be encountered when working as a professional educator in a school setting.

Prerequisites: UWX PS101; admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

UWX EN098 | Introduction to College Writing | 3 cr

Focuses on the conventions of academic writing, the composing process, critical thinking, and critical reading. Emphasizes reading and writing activities designed to prepare students for successful transition to college-level writing.

Prerequisites: Appropriate placement score; admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

UWX EN101 | College Writing and Critical Reading | 3 cr

Focuses on academic writing, the writing process, and critical reading. Emphasizes essays that incorporate readings.

Prerequisites: UWX EN098 with a grade of C or better, or appropriate placement into UWX EN101 (ENGL 100); admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

UWX EN102 | Critical Writing and Research | 3 cr

Focuses on researched academic writing that presents information, ideas, and arguments. Emphasizes the writing process, critical thinking, and critical reading.

Prerequisites: UWX EN101 with a grade of C or better, or appropriate placement; admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

UWX EN203 | Creative Writing | 3 cr

In this workshop-based course, students will read creative writing and produce their own original works. Students will share drafts of their work in process with peers, revise their work based on feedback, and write reflectively and analytically about their own processes and products.

Prerequisites: UWX EN101 with a grade of C or better, or placement into UWX EN102 (ENGL 101); admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Humanities and the Arts: ENGL

UWX EN210 | Business Communication | 3 cr

Teaches students to effectively communicate in a variety of business settings. Students write messages, reports, proposals, and other professional documents; and present an oral report.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Humanities and the Arts: ENGL

UWX EN250 | Introduction to Literature | 3 cr

Introduces the discipline of literary studies through its fundamental approaches to reading, interpreting, and writing about a variety of texts, ranging from the classic to the contemporary with the goal of understanding, appreciating, and enjoying literature.

Prerequisites: UWX EN101 with a grade of C or better, or placement into UWX EN102 (ENGL 101); admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Humanities and the Arts: ENGL

UWX EN278 | Multicultural Literature in the United States | 3 cr

Examines literature written by, and expressing the perspectives of, writers from minority groups in the United States. Includes readings by contemporary writers focusing on the experiences of African, Asian, Hispanic, and Native Americans through their essays, poetry, fiction, and drama. As an interdisciplinary course, the literature is read in the context of American history and culture.

Prerequisites: UWX EN101 with a grade of C or better, or placement into UWX EN102 (ENGL 101); admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Humanities and the Arts: ENGL, Ethnic Diversity

UWX ES105 | Introduction to Environmental Science | 3 cr

Presents an overview of the interrelationships between humans and the environment.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Natural Science: ENVS

UWX FN210 | Personal Finance | 3 cr

Topics covered include reflection on personal priorities and values, identifying the social and environmental impacts of our consumer culture, consumerism, identifying important life and financial goals, principles of personal money management and financial planning, use of credit, budgets, insurance, buying a home, creating an estate, and providing for retirement.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Social & Behavioral Science: BUS

UWX GE100 | Physical Geography and the Environment | 3 cr

Investigates the patterns and processes of Earth's physical and biological systems and their influence on human behavior and distribution. Includes human impacts on climate, hydrologic cycle, and ecosystem development.

Prerequisites: None.

Offered: Occasionally.

Meets: Natural Science: GEOS

UWX GE170 | Disasters: Living on the Edge | 4 cr

Explores various environmental hazards, their causes, impacts on humans, and mitigations. Core topics are natural hazards (earthquakes, flooding, tornadoes, hurricanes), and anthropogenic hazards (climate change, nuclear hazards, overpopulation). Additional topics may be covered: coastal hazards, pollution, other atmospheric hazards, impacts from space, extinctions, biohazards, chemical hazards, and terrorism.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Natural Science: GEOS

UWX GS101 | Introduction to Gender, Sexuality and Women's Studies | 3 cr

Focuses on both historical and current ways in which women's lives are shaped by structures of power, and on analyzing how gender works in society and in our everyday lives. Includes feminist theory, intersectional identity, the social construction of gender, and reproductive justice.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Social & Behavioral Science: WGSS

UWX GS231 | Sex, Power, and Public Policy | 3 cr

Focuses on public policy issues of sex and gender, including voting and political rights, social and economic equality, reproduction and healthcare, marriage and family, and sex and sexuality.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Occasionally.

Meets: Social & Behavioral Science: WGSS

UWX HE106 | Lifetime Wellness and Self Growth | 3 cr

A contemporary examination of the effects of lifestyle, wellness, and health promotion on the individual. Instruction in procedures for self-evaluation as well as individualization of exercise prescription for the development of health fitness. A practical, application focused approach will be addressed in this course.

Prerequisites: None.

Offered: Occasionally.

Meets: Social & Behavioral Science: HKSM

UWX HE209 | Nutrition and Weight Management | 3 cr

Examines the basic principles of nutrition, digestion, and metabolism. Students will interpret and analyze the effects of these principles on one's diet, weight, fitness level, and overall health. Students will reflect upon the conclusions drawn from the data, with the goal of integrating healthy behaviors into their personal lifestyle.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Natural Science: HKSM

UWX HS102 | U.S. History Since 1877 | 3 cr

Explores American political, economic, social and intellectual history from the era of the Civil War to the present. Integrates the historical experiences and contributions of racial and ethnic minorities within US society, fostering an understanding and appreciation at least two groups.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Social & Behavioral Science: HIST

UWX HS127 | The World in the 20th Century | 3 cr

Develops an understanding of human history since 1900.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Social & Behavioral Science: HIST

UWX LB103 | Diversity in the U.S. | 3 cr

Explores the breadth of diverse bodies, minds, and backgrounds that exist in the U.S. Students gain understanding about how they exist within, and contribute to, our country's diversity and will be better prepared to think and react critically to contemporary issues surrounding diversity.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Humanities and the Arts: LBST, Ethnic Diversity

UWX MA091 | Elementary Algebra | 3 cr

Topics include the real number system, operations with numbers and algebraic expressions, linear equations and inequalities, polynomials, factoring, graphing linear equations, and an introduction to quadratic equations.

Prerequisites: Appropriate math placement, admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

UWX MA093 | Developmental Mathematics II | 3 cr

Emphasizes algebraic techniques with polynomials, fractional expression, exponents and radicals, linear and quadratic equations and inequalities. Introduces to functions, their graphs, and analytic geometry.

Prerequisites: UWX MA091 with a grade of C or better, or placement into UWX MA093; admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

UWX MA108 | Quantitative Reasoning | 3 cr

Develops analytic reasoning and the ability to solve quantitative problems. Topics include construction and interpretation of graphs, functional relationships, descriptive statistics, math of finance, and exponential growth. Emphasizes appropriate use of units and dimensions, mathematical notation and available technology.

Prerequisites: UWX MA091 with a grade of C or better, or placement into UWX MA108 (MATH 104); admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

UWX MA113 | Trigonometry | 3 cr

Trigonometric functions, their basic properties and graphs, identities, inverse trigonometric functions, solving trigonometric equations, solutions of triangles.

Prerequisites: UWX MA116 with a grade of C or better, or placement into UWX MA113 (MATH 113); admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

UWX MA116 | College Algebra | 3 cr

Properties of elementary functions, such as polynomial, absolute value, piecewise, radical, rational, exponential, and logarithmic functions. Topics include equations, inequalities, functions, and their graphs. Provides algebra skills required for calculus.

Prerequisites: UWX MA093 with a grade of C or better, or placement into UWX MA116 (MATH 112); admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

UWX MA117 | Elementary Statistics | 4 cr

Introduces the collection and analysis of data, descriptive statistics, both graphical and numerical, elementary probability, general sampling distributions, and the fundamentals of statistical inference, including confidence intervals and hypothesis testing, simple regression, correlation, Chi-square goodness of fit and one-way ANOVA.

Prerequisites: UWX MA093 or MA108 with a grade of C or better, or placement into UWX MA117; admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Natural Science: MATH

UWX MA221 | Calculus I | 5 cr

The study of real valued functions of a single variable including limits and continuity, derivatives, antiderivatives, definite integrals and Riemann sums. Applications of differentiation and integration are covered.

Prerequisites: UWX MA116 and MA113 with a grade of C or better, or placement into UWX MA221; admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Natural Science: MATH

UWX MU278 | Rock and Roll Roots | 3 cr

Reveals the connections between, and fusion of, blues, jazz, gospel and several fold musical genres and how influenced Rock and Roll history.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Humanities and the Arts: MUS, Ethnic Diversity

UWX PH121 | Critical Thinking | 3 cr

Critical thinking is the process of identifying, analyzing, evaluating, and constructing reasoning in deciding what conclusions to draw or actions to take. This course will allow students to understand how others think and enable them to think more clearly.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Humanities and the Arts: PHIL

UWX PH237 | Technology, Values, and Society | 3 cr

Investigates technology and its relation to society and the individual. Examines ethical issues in technology, includes freedom, censorship, privacy, equality, democratic participation, intellectual property, education, law enforcement, institutional change, and work.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Humanities and the Arts: PHIL

UWX PL104 | Introduction to American Government and Politics | 3 cr

Examines how the American political system works, with emphasis on the U.S. Constitution, civil and political rights. the party system, elections, and the structure, powers, and processes of Congress, the presidency, and the courts.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Social & Behavioral Science: POLS

UWX PS101 | General Psychology | 3 cr

Introduces the history of the field of psychology, research methods, the biological basis of behavior, human cognition, human development, social behavior, and mental health.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Social & Behavioral Science: PSYC

UWX PS250 | Lifespan Psychology | 3 cr

Surveys human development theories and research including the biological, cognitive, emotional, and social development of the individual from the prenatal period through old age.

Prerequisites: UWX PS101 with a grade of C- or better; admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Social & Behavioral Science: PSYC

UWX RE101 | Introduction to Religion | 3 cr

Introduces a number of the world's major religious traditions (Hinduism, Buddhism, Confucianism, Christianity, Judaism, and Islam) as well as several ways of studying these religions (anthropology, psychology, sociology, phenomenology, and economic approaches).

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Humanities and the Arts: PHIL

UWX SC101 | Introduction to Sociology | 3 cr

Systematically examines social relationships by studying people in interaction with each other on a personal level, within and across social organizations, and across larger social systems.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Social & Behavioral Science: SOCA

UWX SC222 | Race and Ethnicity | 3 cr

Explores the socially-constructed nature of the concepts of race and ethnicity, including meanings and values social actors have attached to them, and the ways the social constructions help to rationalize and justify social inequality. Covers the significance of race and ethnicity in a variety of institutional and interpersonal contexts, including the labor force, the media, culture, and the criminal justice system.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Social & Behavioral Science: SOCA

UWX SC231 | Crime and Criminal Justice | 3 cr

Examines the American systems of Criminal Law and Justice in socio-historical context. Presents the three branches of the Criminal Justice system (Law Enforcement, Courts, Corrections) and critiques them against the backdrop of five cultural philosophies of criminal justice. Explores how crime is defined and measured, and how social sciences theorize causes of crime and crime patterns.

Prerequisites: Not recommended for first semester students; admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Social & Behavioral Science: CRMJ

UWX SP101 | First Semester Spanish | 4 cr

Introduces the Spanish language and the cultures of Spanish-speakers in the US and abroad through reading, writing, speaking, and listening activities. Covers the fundamentals of pronunciation and grammar. Not available for students with credit in: SPAN 103.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Humanities and the Arts: GNED

UWX SP102 | Second Semester Spanish | 4 cr

Develops initial proficiency in the Spanish language through both oral and written expression on a variety of topics and contexts. Explores Hispanic cultures through readings, presentations, and activities.

Prerequisites: UWX SP101; admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Humanities and the Arts: MODL

UWX SP236 | Cultures and Civilizations of Mexico, the Caribbean, Central and South America | 3 cr

Overview of major historical and cultural developments of the Spanish-speaking Americas from the time of European contact (1492) through the colonial period, national struggles for independence, and popular revolutions until the 21st century. Exploration of modern Latin America by region, with particular focus on how artistic, spiritual and other forms of cultural expression in each region can be understood as the result of a confluence of five centuries of indigenous, African diasporic, and Iberian/European influence.

Prerequisites: None.

Offered: Occasionally.

Meets: Humanities and the Arts: MODL

UWX SS310 | Media Literacy | 3 cr

Develops an informed, critical and practical understanding of the media and examines examples of media messages including entertainment, commercial and social media to critically evaluate the sources and target audiences.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Yearly.

Meets: Social & Behavioral Science: COMM

UWX SW150 | Social Advocacy and the Social Work Experience | 3 cr

Addresses the problems and issues within social services and advocates for social change. Explores Ethical citizenship and frameworks that guide social welfare states in policy and practice, and the social problems and human groups that are the focus of generalist social work practice. Requires volunteer work outside class time.

Prerequisites: Admitted to AAS degree program or program advisor consent on space available basis.

Offered: Occasionally.

Meets: Social & Behavioral Science: SOCA