

# UW ONLINE COLLABORATIVE (UWX) - ROCK COUNTY

## Courses

### UWX EN210 BUSINESS COMMUNICATION 3 Units

This course teaches students to effectively communicate in a variety of business settings. Students write messages, reports, proposals, and other professional documents. Students also plan and present an oral report.

### UWX AN100 INTRODUCTION TO ANTHROPOLOGY 3 Units

This course introduces you to basic principles and concepts of anthropology and its four subfields. Physical/Biological, Archaeology, Socio-Cultural and Linguistic. The goal of this course is to provide you with a better understanding of the differences and similarities that exist among human societies and cultures of which they are a part.

### UWX AR175 WORLDS OF ART 3 Units

Introduction to visual arts for the non-art major. This course will focus on art created by marginalized groups in the U.S. and their ethnic heritage. Multicultural perspectives will be explored; specifically the impact that race, ethnicity, and gender identity have on artistic production, art criticism, art philosophies and aesthetics.

### UWX BL101 CONCEPTS OF BIOLOGY 4 Units

An introduction to 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.

### UWX BU101 INTRODUCTION TO BUSINESS 3 Units

Introduction to Business 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.

### UWX CH114 CHEMISTRY IN THE KITCHEN 4 Units

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. NW, Lab Science.

### UWX CH140 GENERAL CHEMISTRY I - LAB 1 Units

An introduction to chemistry including matter and energy, atomic and molecular structure, bonding, reactions and stoichiometry, gas laws, and changes of state. This course is primarily designed for natural science, pre-health, and occupational and environmental safety majors needing two or more semesters of chemistry.

COREQ: PRIOR COMPLETION OR CONCURRENT ENROLLMENT IN UWX CH144

### UWX CH144 GENERAL CHEMISTRY I - LECTURE 4 Units

An introduction to chemistry including matter and energy, atomic and molecular structure, bonding, reactions and stoichiometry, gas laws, and changes of state. This course is primarily designed for natural science, pre-health, and occupational and environmental safety majors needing two or more semesters of chemistry.

PREREQ: (C OR BETTER IN UWX MA093) OR (PLACEMENT INTO UWX MA108 OR HIGHER)

### UWX CM101 INTRODUCTION TO PUBLIC SPEAKING 3 Units

This course offers 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.

### UWX CM213 INTERCULTURAL COMMUNICATION 3 Units

This course introduces students to the complex relationship between culture and communication. The role of communication and context (social, cultural, historical) in intercultural interactions is exemplified through multiple perspectives. In addition, issues surrounding theory development, such as ethical considerations and dialogues on opposing perspectives are examined.

### UWX CS130 INTRODUCTION TO PROGRAMMING 3 Units

In this course, you will learn many of the fundamentals of computer programming. These include (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.

PREREQ: UWX MA116

### UWX EC203 MACROECONOMICS 3 Units

The emphasis of the course is on macroeconomics analysis and covers areas such as national income, commercial banking, business fluctuations, monetary and fiscal policies and international trade.

PREREQ: UWX MA093

### UWX EN098 INTRODUCTION TO COLLEGE WRITING 3 Units

A composition course focusing on the conventions of academic writing, the composing process, critical thinking, and critical reading. Emphasis will be on reading and writing activities designed to prepare students for successful transition to college-level writing.

### UWX EN101 COLLEGE WRITING AND CRITICAL READING 3 Units

A composition course focusing on academic writing, the writing process, and critical reading. Emphasis will be on essays that incorporate readings.

PREREQ: GRADE OF C OR BETTER IN UWX EN098 OR PLACEMENT INTO UWX EN101

### UWX EN102 CRITICAL WRITING AND RESEARCH 3 Units

A composition course focusing on researched academic writing that presents information, ideas, and arguments. Emphasis will be on the writing process, critical thinking, and critical reading.

PREREQ: C OR BETTER IN UWX EN101 OR PLACEMENT INTO UWX EN102

### UWX EN203 CREATIVE WRITING 3 Units

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.

PREREQ: UWX EN101 OR PLACEMENT INTO UWX EN102

### UWX EN250 INTRODUCTION TO LITERATURE 3 Units

An introduction to 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.

PREREQ: UWX EN101 OR PLACEMENT INTO UWX EN102

**UWX EN278 MULTICULTURAL LITERATURE IN THE UNITED STATES 3 Units**

A study of literature written by, and expressing the perspectives of, writers from minority groups in the United States. The course 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.

PREREQ: UWX EN101 OR PLACEMENT INTO UWX EN102

**UWX ES105 INTRODUCTION TO ENVIRONMENTAL STUDIES 3 Units**

This course presents an overview of the interrelationships between humans and the environment. The material presented in the first one-third of the course focuses on important ecological concepts. The remainder of the course deals with human influence on the environment. Ecological concepts are used throughout to identify, understand, and provide a basis for proposing possible solutions to contemporary environmental problems.

**UWX FN210 PERSONAL FINANCE 3 Units**

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.

**UWX GE170 DISASTERS: LIVING ON THE EDGE 4 Units**

Study of 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.

**UWX GS101 INTRODUCTION TO GENDER, SEXUALITY, AND WOMEN'S STUDIES 3 Units**

This course 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. Topics include feminist theory, intersectional identity, the social construction of gender, and reproductive justice.

**UWX HE209 NUTRITION AND WEIGHT MANAGEMENT 3 Units**

Through the lens of the natural sciences, this course will examine 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.

**UWX HS102 US HISTORY SINCE 1877 3 Units**

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

**UWX HS127 THE WORLD IN THE 20TH CENTURY 3 Units**

The goal of this course is to develop an understanding of human history since 1900. In this endeavor, students will engage questions of what constitutes historical knowledge, how historical analysis and narratives are constructed, and to what purpose.

**UWX LB103 DIVERSITY IN THE US 3 Units**

This interdisciplinary course exposes students to the breadth of diverse bodies, minds, and backgrounds that exist in the US. 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.

**UWX MA091 ELEMENTARY ALGEBRA 3 Units**

Elementary Algebra is intended for students with little or no previous algebra experience. Topics include the real number system, operations with real numbers and algebraic expressions, linear equations and inequalities, polynomials, factoring, graphing linear equations, and an introduction to quadratic equations.

PREREQ: PLACEMENT INTO UWX MA091

**UWX MA093 INTERMEDIATE ALGEBRA 3 Units**

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

PREREQ: C OR BETTER IN UWX MA091 OR PLACEMENT INTO UWX MA093

**UWX MA108 QUANTITATIVE REASONING 3 Units**

Quantitative Reasoning is intended to develop analytic reasoning and the ability to solve quantitative problems. Topics to be covered include construction and interpretation of graphs, functional relationships, descriptive statistics, math of finance, and exponential growth. Appropriate use of units and dimensions, mathematical notation and available technology will be emphasized throughout the course.

PREREQ: C OR BETTER IN UWX MA091 OR PLACEMENT INTO UWX MA108

**UWX MA113 TRIGONOMETRY 2 Units**

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

PREREQ: C OR BETTER IN UWX MA116 OR PLACEMENT INTO UWX MA113

**UWX MA116 COLLEGE ALGEBRA 3 Units**

The study of the properties of elementary functions, such as polynomial, absolute value, piecewise, radical, rational, exponential, and logarithmic functions. Topics include equations, inequalities, functions, and their graphs. Students will formulate, analyze, solve, and interpret mathematical and real-world problems. This course is intended to provide algebra skills required for calculus.

PREREQ: C OR BETTER IN UWX MA093 OR PLACEMENT INTO UWX MA116

**UWX MA117 ELEMENTARY STATISTICS 4 Units**

An introduction to Statistics including the collection and analysis of data, descriptive statistics, both graphical and numerical, elementary probability, general and 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.

PREREQ: C OR BETTER IN (UWX MA093 OR UWX MA108) OR PLACEMENT INTO UWX MA116

**UWX MA221 CALCULUS I 5 Units**

Calculus I is based on the study of real valued functions of a single variable. The course topics include limits and continuity, derivatives, antiderivatives, definite integrals and Riemann sums. Applications of differentiation and integration are also covered.

PREREQ: C OR BETTER IN (UWX MA116 AND UWX MA113) OR PLACEMENT INTO UWX MA221

**UWX MU278 ROCK AND ROLL ROOTS 3 Units**

Rock and Roll evolved from blues, jazz, gospel, and several folk musical genres. This course reveals the connections between, and fusion of, these diverse musical styles and how they influenced the nearly 70 years of Rock and Roll history.

**UWX PH121 CRITICAL THINKING 3 Units**

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 help you to master an approach to critical thinking that will allow you understand how others think and enable you to think more clearly.

**UWX PH237 TECHNOLOGY, VALUES, AND SOCIETY 3 Units**

This course will be a philosophical investigation of technology and its relation to society and the individual. An examination of ethical issues in technology, which may include freedom, censorship, privacy, equality, democratic participation, intellectual property, education, law enforcement, institutional change, and work.

**UWX PL104 INTRODUCTION TO AMERICAN GOVERNMENT AND POLITICS 3 Units**

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.

**UWX PS101 GENERAL PSYCHOLOGY 3 Units**

This introductory behavioral science course emphasizes the history of the field of psychology, research methods, the biological basis of behavior, human cognition, human development, social behavior, and mental health.

**UWX PS250 LIFESPAN PSYCHOLOGY 3 Units**

This course presents a survey of human development theories and research. Topics include the biological, cognitive, emotional, and social development of the individual from the prenatal period through old age. PREREQ: C- OR BETTER IN UWX PS101

**UWX RE101 INTRODUCTION TO RELIGION 3 Units**

This course 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).

**UWX SC101 INTRODUCTION TO SOCIOLOGY 3 Units**

Sociology as a special field of behavioral science, examines social relations, social organizations, and social systems through the study of process, structure, and function.

**UWX SC231 CRIME AND CRIMINAL JUSTICE 3 Units**

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.

PREREQ: 15 UNITS OF COURSEWORK

**UWX SP101 FIRST SEMESTER SPANISH 4 Units**

This course is designed for students who have had little or no previous training in the language. The fundamentals of pronunciation and grammar are presented through reading, writing, speaking, and listening activities created to introduce students to both the Spanish language and the cultures of Spanish-speakers in the US and abroad.

**UWX SS310 SOCIAL MEDIA, FAKE NEWS AND YOU: WHY MEDIA LITERACY MATTERS 3 Units**

Media Literacy is designed to help students develop 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.

**UWX SP102 SECOND SEMESTER SPANISH 4 Units**

Second-semester course designed to develop your initial proficiency in the Spanish language. You will gain knowledge of the language and communicate through both oral and written expression on a variety of topics and in meaningful contexts. You also will learn more about Hispanic cultures through readings, presentations and activities. PREREQ: UWX SP101 OR SPA 101

**UWX SC222 RACE AND ETHNICITY 3 Units**

Race and ethnicity as axes of stratification, identity, and experience are addressed in the multiple and intersecting ways they shape society, individual life-chances, and daily social interactions. Study meanings and values social actors have attached to the "socially-constructed" nature of the concepts of race and ethnicity and ways the social constructions help to rationalize and justify social inequality. Analyze the significance of race and ethnicity in a variety of institutional and interpersonal contexts, including labor force, the media, culture, and the criminal justice system. The future of race and ethnicity; evaluating solutions to social inequality and strategies for social change.

**UWX ED230 EDUCATIONAL PSYCHOLOGY 3 Units**

Study of child and adolescent development through the psychological principles of teaching and learning. This course will place an emphasis on understanding the social, emotional, physical, and intellectual development of children and adolescents. In particular, emphasis will be placed on the nature and conditions of learning, including the major types of learning, critical aspects of learning, and any problems that may be encountered when working as a professional educator in a school setting. Additionally, a focus will be placed on data-based decision making and intentional teaching, or the ability to provide purposeful instruction. PREREQ: A GRADE OF C- OR BETTER IN ONE OF THE FOLLOWING: UWX PS101, PSY 202, OR CONSENT OF INSTRUCTOR

**UWX EC204 MICROECONOMICS 3 Units**

Microeconomics is that branch of economics which focuses on specific problems pertaining to individual, household, firm and business behavior. Emphasis is also placed on different market morphologies. Other aspects of the course include the application of microeconomic techniques to issues related to economic regulation, income distribution, international trade and pollution.

PREREQ: UWX MA093 OR MAT 105; UWX EN101 OR ENG 100 OR ENG 101

**UWX BL285 ANATOMY AND PHYSIOLOGY I 4 Units**

An examination of the structure and function of the human body at the molecular, cellular, tissue, organ, and system levels of organization. The integration of these levels of organization within the human organism is emphasized, focusing on body organization, support, movement, and neural control.

PREREQ: UWX BL101, BIO 101, BIO 121, OR INSTRUCTOR CONSENT

**UWX AS100 SURVEY OF ASTRONOMY 3 Units**

A descriptive survey of astronomy for students with minimal background in mathematics and science. Topics include the solar system, stars, galaxies, and cosmology, as well as the methods by which astronomers learn about the Universe and disseminate their discoveries. Although not math-intensive, this course uses some math at the level of high school algebra I; therefore, students who have been placed in remedial math should consult with the instructor before enrolling in this course. Students may not earn credit both for this course and for most other introductory astronomy courses; consult your home institution's course catalog or bulletin.

**UWX AR104 INTRODUCTION TO GRAPHIC DESIGN AND DIGITAL ART 3 Units**

Creating original designs, students will learn techniques applicable to a wide range of disciplines and practices, including but not limited to Graphic Design, Marketing, Advertising, and Video Game Design.

**UWX BL286 ANATOMY AND PHYSIOLOGY II 4 Units**

An examination of the structure and function of the human body at the molecular, cellular, tissue, organ, and system levels of organization. The integration of these levels of organization within the human organism is emphasized.

PREREQ: C OR BETTER IN UWX BL285

**UWX CM114 INTERPERSONAL COMMUNICATION 3 Units**

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.

**UWX GE100 PHYSICAL GEOGRAPHY AND THE ENVIRONMENT 3 Units**

Focus on concepts and processes that explain physical systems on Earth and the relationship between people and their natural environment. Themes in Physical Geography include Earth/Sun relationships, weather dynamics, the biosphere (ecology, biomes, conservation), and the lithosphere (mountain building, rocks, rivers, glaciers). Students complete assignments in CANVAS: assignments may be derived from textbook resources and instructor-created activities designed to better understand the natural world (such as weather patterns, rocks, soil properties or river dynamics) and how it applies to their daily life.

**UWX GS231 SEX, POWER, AND PUBLIC POLICY 3 Units**

This is a course on public policy, with a special focus on policy that addresses issues of sex and gender, including voting and political rights, social and economic equality, reproduction and healthcare, marriage and family, and sex and sexuality. We also examine general areas of public policy (such as education, work, and the economy) with an eye to the specific implications these policies have on sex and gender.

**UWX HE106 LIFETIME WELLNESS AND SELF GROWTH 3 Units**

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.

**UWX SP236 CULTURES AND CIVILIZATIONS OF THE SPANISH SPEAKING AMERICAS 3 Units**

This introductory-level survey course offers an 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. The second half of the semester emphasizes the 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.

**UWX SW150 SOCIAL ADVOCACY AND THE SOCIAL WORK EXPERIENCE 3 Units**

Social work as a profession, and social institution, influenced by, and influencing American society. Presents an overview of the problems and issues addressed within social services environments, and how to advocate for social change. Students will develop an understanding of the historical progression of social welfare policies and programs and the evolution and contribution of the social work profession within this context. We explore three critical areas: Ethical citizenship and frameworks that guide social welfare states, the role ethical frameworks play in guiding practice, and the social problems and human groups that are the focus of generalist social work practice.