



# DUAL ENROLLMENT

## COURSE RECOMMENDATIONS

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Course recommendations are subject to change based on availability. Please refer to the [Search for Courses](#) option on Lander's website or reach out to the Office of Dual Enrollment for questions about availability.

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### **ACCT 201 FINANCIAL ACCOUNTING PRINCIPLES**

This course is the study of accounting principles underlying financial reporting of organizations to external users. The accounting model for capturing and processing the economic effects of financing, investing, and operating activities as well as the financial statements provided by the model are developed. Focus is placed on reading, interpreting, and applying the financial information in decision-making process. **Three credit hours.**

### **ART 102 INTRODUCTION TO ART SPECIAL TOPICS**

This course will engage non-art major students in activities and/or lectures that introduce art and/or design concepts, techniques, and processes from a variety of cultures, artistic styles, and art media. The special topic will be announced in advance. (General Education – Humanities and Fine Art) **Three credit hours.**

### **BA 101 INTRODUCTION TO BUSINESS\***

A course open to all students interested in a survey of the activities that occur in a business organization. The dynamics of how business influences the consumer, nation, and world are emphasized. **Three credit hours.**

### **BIOL 101 GENERAL BIOLOGY\***

This laboratory science course provides non-majors with an introduction to the foundational themes of biology. Topics include scientific inquiry, cellular processes, reproduction, genetics, evolution, ecology, and conservation biology. This course cannot be used to satisfy the requirements for the biology major or biology minor. Three hours lecture, three hours laboratory weekly. (General Education – Scientific and Mathematical Reasoning) **Four credit hours.**

*NOT RECOMMENDED FOR STUDENTS PREPARING FOR END OF COURSE EXAMS*

### **BIOL 111 FINDINGS IN ECOLOGY, EVOLUTION, & GENETICS\***

One half of a two-semester introduction to biology designed to prepare science majors for further study in scientific and medical fields. Topics include the scientific method and biological inquiry, genetics, ecology, evolution, and the history of life. Three hours lecture, three hours laboratory weekly. Prerequisite or corequisite: MATH 121, MATH 123, or MATH 141. (General Education – Scientific and Mathematical Reasoning) **Four credit hours.**

### **BIOL 112 FINDINGS IN CELLULAR & MOLECULAR BIOLOGY\***

One half of a two-semester introduction to biology designed to prepare science majors for further study in scientific and medical fields. Topics include the scientific method and biological inquiry, cell structure, metabolism, the cell cycle, and inheritance. Prerequisite: a grade of "C" or better in BIOL 111, BIOM 111, or CHEM 111. Three hours lecture, three hours laboratory weekly. (General Education – Scientific and Mathematical Reasoning) **Four credit hours.**

### **CHEM 111 GENERAL CHEMISTRY I\***

First semester course for science majors. A systemic treatment of chemical principles. Topics include atomic structure, chemical bonding, chemical nomenclature, stoichiometry, and properties of gases. Three hours lecture, three hours laboratory weekly. (General Education - Scientific and Mathematical Reasoning) **Four credit hours.**

### **CHEM 112 GENERAL CHEMISTRY II\***

Second semester course for science majors. A systematic treatment of chemical principles. Topics include properties of solutions, thermodynamics, equilibrium principles, kinetics, acid-base theory, and electrochemistry. Three hours lecture, three hours laboratory weekly. Prerequisite: CHEM 111. (General Education - Scientific and Mathematical Reasoning) **Four credit hours.**

### **CIS 101 COMPUTER FUNDAMENTALS**

Characteristics and applications of computers in today's society. Hands-on experience with microcomputers and a variety of applications software. This course is not designed as an introduction to programming and is not available for credit to students in Computer Information Systems or Mathematics majors. Prohibited to students currently enrolled in or having earned credit in CIS 102, CIS 111, CIS 112, CIS 113, and CIS 202. **Three credit hours.**

## **CIS 102 APPLICATION SOFTWARE**

Designed to enable students to improve their personal productivity as knowledge workers. Topics include advanced software functionality, organization and management of data, web page design and publishing, effective presentation design and delivery. Course environment will include both lectures and laboratory experience. **Three credit hours.**

## **ENGL 101 WRITING & INQUIRY I**

In this course, students write for a variety of situations, audiences, and purposes with an emphasis on the relationship between writing and thinking. Individual sections of the course may have a theme chosen by the instructor that is reflected in the title that appears on the course schedule, but this is not required. Students must earn a “C” or better in ENGL 101 to take ENGL 102. (General Education – Core Academic Skills) **Three credit hours.**

## **ENGL 102 WRITING & INQUIRY II**

In this course, students write in response to diverse texts, refining their abilities to analyze, interpret, synthesize, and evaluate ideas with an emphasis on research, and MLA style documentation. Individual sections of the course may have a theme chosen by the instructor that is reflected in the title that appears on the course schedule, but this is not required. Prerequisite: “C” or better in ENGL 101. (General Education – Core Academic Skills) **Three credit hours.**

## **FINA 151 PERSONAL FINANCE**

The purpose of this course is to explore how individual choices influence future earning potential and wealth building goals. Topics include money management, spending and credit, savings strategies, and investing. **Three credit hours.**

## **FR 101 FRENCH FOR GLOBAL CITIZENS I**

This course introduces students to the lexicon and structural principles of the French language and delves into the cultures of the French-speaking world, with a special emphasis on France and francophone cultures. It promotes the acquisition of the language skills and the cultural knowledge necessary to participate effectively in multilingual communities at home and around the world. Prerequisite: Placement determined per Foreign Language Placement Policy. (General Education - World Cultures) **Three credit hours.**

## **FR 102 FRENCH FOR GLOBAL CITIZENS II**

This course continues to introduce students to the lexicon and structural principles of the French language and delves further into the cultures of the French-speaking world, with a special emphasis on France. It promotes the acquisition of the language skills and the cultural knowledge necessary to participate effectively in multilingual communities at home and around the world. Prerequisite: FR 101 or placement determined per Foreign Language Placement Policy. (General Education - World Cultures) **Three credit hours.**

## **HIST 111R US HISTORY TO 1877**

This course provides an introductory study of U.S. history to 1877 and includes instruction on the institutions of the U.S. government and documents critical to the American experience, including (but not limited to) the Declaration of Independence, the U.S. Constitution, five essays in The Federalist Papers, the Emancipation Proclamation, and one document foundational to the African American experience. This course is in compliance with the REACH Act (S.C. Act 26 of 2021). (General Education – Founding Documents of the United States and Behavioral and Social Perspectives). **Three credit hours.**

*NOT RECOMMENDED FOR STUDENTS PREPARING FOR END OF COURSE EXAMS*

## **HIST 112R US HISTORY FROM 1877**

This course provides a general survey of U.S. history from 1877 to the present and includes instruction on the institutions of the U.S. government and documents critical to the American experience, including (but not limited to) the Declaration of Independence, the U.S. Constitution, five essays in The Federalist Papers, the Emancipation Proclamation, and one document foundational to the African American experience. This course is in compliance with the REACH Act (S.C. Act 26 of 2021). (General Education – Founding Documents of the United States and Behavioral and Social Perspectives). **Three credit hours.**

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## **HIST 121 WORLD CIVILIZATIONS TO 1600**

The historical, cultural, political, economic, and geographical development of major world civilizations in the Middle East, Africa, Asia, Europe, and the Americas from the beginning of civilization to 1600 with a special focus on the origins of science and the impact of technological innovation on culture and society. (General Education - Behavioral and Social Perspectives) **Three credit hours.**

## **HIST 122 WORLD CIVILIZATIONS 1600-PRESENT**

The historical, cultural, political, economic, and geographical development of major world civilizations in the Middle East, Africa, Asia, Europe, and the Americas from 1600 to the present with a special focus on the origins of science and the impact of technological innovation on culture and society. (General Education - Behavioral and Social Perspectives)

**Three credit hours.**

## **MATH 101 SURVEY OF MATHEMATICS**

This course is designed for liberal arts majors. Students will be introduced to non-algebraic mathematical ideas from a variety of fields, such as business, computer science, and the social sciences. Topics may include but are not limited to: routes and networking; scheduling; modular arithmetic and check digit schemes; voting and elections; fair division; and apportionment. (General Education - Scientific and Mathematical Reasoning and Core Academic Skills) **Three credit hours.**

## **MATH 114 PRECALCULUS**

This course is designed to prepare students for calculus. The course begins with a review of some topics from algebra—functions and their graphs including algebraic functions, inverse functions, exponential and logarithmic functions. The remainder of the course is devoted to an introduction to Trigonometry. Specific topics from Trigonometry include right triangle trigonometry, graphing trigonometric functions, and trigonometric identities and equations.

**Three credit hours.**

## **MATH 121 MATHEMATICAL APPLICATIONS**

This course prepares students for the quantitative reasoning tasks they may encounter in subsequent coursework. It presents a variety of mathematical topics with a focus on their applications. Topics include linear and quadratic functions, systems of linear equations, elementary linear programming, exponential and logarithmic functions, and the mathematics of finance. (The course may not be taken by students who have successfully completed MATH 141). (General Education - Scientific and Mathematical Reasoning and Core Academic Skills) **Three credit hours.**

## **MATH 141 SINGLE VARIABLE CALCULUS I**

Limits, continuity, the derivative, the chain rule, implicit differentiation, applications of the derivative, and the Mean Value Theorem. Definite and indefinite integration, the Fundamental Theorem of Calculus, and an introduction to integration through u-substitution. Students must have a thorough knowledge of precalculus such as is covered in MATH 114, including proficiency with algebra and the trigonometric functions. Students without such a background are strongly advised to take MATH 114. (General Education - Scientific and Mathematical Reasoning and Core Academic Skills) **Four credit hours.**

## **MATH 142 SINGLE VARIABLE CALCULUS II**

This course covers techniques of integration, improper integrals, applications of the integral, infinite sequences and series, power series, Taylor's Theorem, and parametric and polar curves. Prerequisite: "C" or better in MATH 141. (General Education – Scientific and Mathematical Reasoning) **Four credit hours.**

## **MATH 211 INTRODUCTION TO STATISTICAL METHODS I\***

This course introduces students to elementary data analysis including graphical methods and descriptive measures; correlation and simple linear regression; the Normal distribution as a model; and the sampling distributions of statistics. Confidence intervals and tests of hypotheses for one mean and one proportion are presented. Bias and sampling plans as well as differences between observational studies and designed experiments are discussed as time allows. (General Education - Scientific and Mathematical Reasoning and Core Academic Skills) **Three credit hours.**

## **MGMT 201 PRINCIPLES OF MANAGEMENT**

This course is a study of contemporary management theories and an analysis of the four basic management functions: planning, organizing, leading, and controlling. The course will focus on how to use these functions for establishing and accomplishing business objectives, as well as how to build skills and gain insight into behavioral issues to more effectively manage and lead while articulating the vision and ethical climate for organizational effectiveness. Areas of investigation include management theories, functions, and global perspectives, organizational environment, motivation, leadership, communication, decision-making, human behavior, operations, and social responsibility. **Three credit hours.**

### **MKT 201 PRINCIPLES OF MARKETING**

This course introduces the marketing concept and how it interacts with other functional areas of the firm, the larger global economy, and society. Main topics discussed in the course include the marketing mix, segmentation, consumer decision making, product development, marketing research, branding, distribution, and communication strategies that inform overall marketing strategy. **Three credit hours.**

### **MUSI 101 INTRODUCTION TO MUSIC**

An introductory course in listening, with accompanying discussion of the historical-cultural aspects of the art of music. This course is intended for non-music majors. (General Education - Humanities and Fine Arts) **Three credit hours.**

### **PHIL 102 INTRODUCTION TO PHILISOPHICAL INQUIRY**

Introduction to major problems in philosophy through texts ranging from classical to contemporary. By thinking through questions such as, "What can I know?", "Do I have free will?" and "What is the meaning of life?", students gain basic familiarity with philosophy's methods of inquiry, analysis, and criticism. (General Education - Humanities and Fine Arts) **Three credit hours.**

### **PHIL 103 INTRODUCTION TO LOGIC**

A course focusing on logic, reasoning, and argumentation. Emphasis is given to the identification, analysis, and evaluation of arguments. Formal and informal methods of deduction and induction are learned, as well as fallacies of reasoning to be avoided in constructing logically sound arguments. (General Education - Humanities and Fine Arts) **Three credit hours.**

### **PHYS 101 SURVEY OF INTRODUCTORY PHYSICS**

This course provides an overview of concepts in physics for non-science majors examining topics such as classical mechanics, electromagnetic theory, thermodynamics, wave theory, and modern physics. Three hours lecture weekly, three hours lab weekly. (General Education – Scientific and Mathematical Reasoning) **Four credit hours.**

### **PHYS 105 CONCEPTUAL PHYSICS**

This course provides an overview of concepts in physics for non-science majors, examining topics such as classical mechanics, electromagnetic theory, thermodynamics, wave theory, and modern physics. Three hours lecture weekly. (General Education – Scientific and Mathematical Reasoning, non-laboratory science course) **Three credit hours.**

### **POLS 101R AMERICAN NATIONAL GOVERNMENT**

This course provides an introductory study of major topics in American politics including political parties, elections, and public opinion. The course includes instruction on the institutions of the U.S. government and documents critical to the American experience, including (but not limited to) the Declaration of Independence, U.S. Constitution, five essays in The Federalist Papers, the Emancipation Proclamation, and one document foundational to the African American experience. This course is in compliance with the REACH Act (S.C. Act 26 of 2021). (General Education – Founding Documents of the United States and Behavioral and Social Perspectives). **Three credit hours.**

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### **POLS 103 INTRODUCTION TO WORLD POLITICS**

This course is an introduction to contemporary world politics through examination of selected major topics such as globalization, clashes within and across civilizations, nationalism, the North-South gaps, and environmental and human rights issues. A cultural framework is used to explore the impact of power differentials as they relate to practices, beliefs, histories, traditions, and/or lived experiences around the world. This course enables students to interpret current world events and prepares students for upper-level courses in comparative politics and international relations. (General Education - World Cultures and Behavioral and Social Perspectives) **Three credit hours.**

### **PSYC 101 GENERAL PSYCHOLOGY**

This course introduces students to the fundamental laws, facts, problems, and fields of psychology and its relation and important applications to other fields. Prohibited to students currently enrolled in or having earned credit in PSYC 102. (General Education – Behavioral and Social Perspectives). **Three credit hours.**

### **SOCI 101 INTRODUCTION TO SOCIOLOGY**

General perspectives of sociologists toward human behavior in social groups, the individual as a social actor, interaction pattern between social groups, inter-institutional differentials in human behavior, and dynamics of social systems. SOCI 101 is required of all sociology majors. (General Education - Behavioral and Social Perspectives) **Three credit hours.**

### **SPAN 101 SPANISH FOR GLOBAL CITIZENS I**

This course introduces students to the lexicon and structural principles of the Spanish language and delves into the cultures of the Spanish-speaking world, with a special emphasis on Mexico and Spain. It promotes the acquisition of the language skills and the cultural knowledge necessary to participate effectively in multilingual communities at home and around the world. Prerequisite: Placement determined per Foreign Language Placement Policy. (General Education - World Cultures) **Three credit hours.**

### **SPAN 102 SPANISH FOR GLOBAL CITIZENS II**

This course continues to introduce students to the lexicon and structural principles of the Spanish language and delves further into the cultures of the Spanish-speaking world, with a special emphasis on Mexico and Spain. It promotes the acquisition of the language skills and the cultural knowledge necessary to participate effectively in multilingual communities at home and around the world. Prerequisite: SPAN 101 or placement determined per Foreign Language Placement Policy. (General Education - World Cultures) **Three credit hours.**

### **SPCH 101 SPEECH FUNDAMENTALS**

This course teaches students to develop increased accuracy in the basic elements of the communicative process. The principles of speech communication are studied and applied. (General Education - Humanities and Fine Arts) **Three credit hours.**

### **THTR 201 THEATRE APPRECIATION**

A study in theatrical literature that focuses on key historical eras in the development of theatre movements. (General Education - Humanities and Fine Arts) **Three credit hours.**

\* CLASS HAS A COURSE FEE

ANY CLASS MAY HAVE A BOOK/ACCESS CODE REQUIREMENT  
VISIT BEARCATSHOP.COM FOR TEXTBOOK REQUIREMENTS

### **OFFICE OF DUAL ENROLLMENT**

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