ACCT 205 Introduction to Financial Accounting (3 credits) BA in Accounting
Introduction to financial reporting. The primary objective is to make the student aware of the importance of accounting information as a powerful tool in the business decision-making process. Emphasis of the course is on the uses of financial information in making investment and credit decisions rather than the preparation of the information.
PRE/COREQ: ITM 104 and 105 or satisfactory completion of computer competency exam covering basic word processing and spreadsheet skills or an alternative instructor-approved course.

ANTH 101 Biological Anthropology (4 credits) MA preferred, BA or college-level coursework in Anthropology, and department approval.
Introduction to human evolution through the study of variation, genetics, adaptation, living primates, the fossil record, and the relationship between biology and behavior.

ANTH 102 Social-Cultural Anthropology (3 credits) MA preferred, BA or college-level coursework in Anthropology, and department approval.
Introduction to human evolution through the study of variation, genetics, adaptation, living primates, the fossil record, and the relationship between biology and behavior.

ANTH 103 Introduction to Archaeology (3 credits - DLN) MA preferred, BA or college-level coursework in Anthropology, and department approval.
Introduction to the historic background and basic techniques of anthropological archaeology. Methods and theory used to reconstruct prehistoric cultures, their environmental settings, activities, and histories.

ARABIC 101 Elementary Arabic I (4 credits - DLL) BA or experience with interview
Develops beginning abilities in Modern Standard Arabic in all four language skills: speaking, reading, writing, and listening. Offers basic study of grammatical structures and vocabulary in a communicative context.

ARABIC 102 Elementary Arabic II (4 credits - DLL) BA or experience with interview
Continues to develop beginning abilities in all four language skills: speaking, reading, writing, and listening. Offers basic study of grammatical structures and vocabulary in a communicative context.
PREREQ: ARABIC 101.

ASL 101 American Sign Language I (4 credits - DLL) Department approval - teaching experience
Develops beginning abilities in receptive and expressive skills. Offers basic study of grammatical structures and vocabulary in a communicative context. Emphasis placed on the history of sign language and deaf culture. Course conducted primarily in ASL. Students who successfully complete this course may not receive credit for ASL 111 or ASL 112.

ASL 102 American Sign Language II (4 credits - DLL) Department approval - teaching experience
Continues developing abilities in receptive and expressive skills. Further study of grammatical structures, vocabulary and culture. Course conducted primarily in ASL. PREREQ: ASL 101 or ALS 112 or PERM/INST.

BIOL 100 Concepts of Biology (4 credits - DLN) BS Biology or related science, MA in General Area preferred
An introduction to the fundamental biological principles of cell and molecular biology, genetics, ecology, and evolution. Introduction to organismal diversity, physiology, and morphology.

BIOL 107 Introduction to Human Biology (4 credits - DLN) BS Biology or related science, MA in General Area preferred
An introduction to human structure and function and the interrelationships of various human systems. Homeostasis, disease, health and their relationships to human anatomy and physiology. This is a non-major course that does not satisfy biology or allied health program requirements.
BIOL 191 General Biology (4 credits - DLN) MS in Biology or Botany, Zoology, Biomedical Sciences
Designed for biology and health science majors. The basic characteristics of living systems including the chemical and physical structure of cells, genetics, development, evolution, and ecology. Recommended: Solid preparation in high school biology and chemistry. PREREQ: MATH 143 College Algebra or MATH 147 Precalculus or appropriate placement score.

CHEM 101 Essentials of Chemistry (4 credits - DLN) BS in Chemistry, Master’s in Education or related area
First semester of a sequence course designed primarily for health science majors or students who need an introduction to chemistry prior to taking CHEM 111. Basic concepts of inorganic and organic chemistry.

CHEM 111 General Chemistry (4 credits - DLN) BS in Chemistry, Master’s in Education or related area
The first semester of a one-year sequence course. A thorough study of the fundamentals of chemistry, including atomic and molecular structure, stoichiometry, chemical reactions in solutions, gases, thermochemistry, basic quantum theory, chemical periodicity, and elementary chemical bonding. PREREQ: MATH 143 College Algebra or MATH 147 Precalculus or successful completion of the CHEM 111 math exam.

CHINESE 101 Elementary Mandarin Chinese I (4 credits - DLN) Department approval
Develops beginning abilities in all four language skills: speaking, reading, writing, and listening. Offers basic study of grammatical structures and vocabulary in a communicative context. Introduces Simplified Chinese Characters and aspects of Chinese culture. Students who take this course may not receive credit for CHINESE 111 or 112.

CS 119 Introduction to JAVA (2 credits) Department approval
Syntactic and execution characteristics of Java. Translating simple algorithms into Java programs; coding, compiling, finding and correcting errors, and executing the programs. PREREQ: MATH 108 Intermediate Algebra or satisfactory placement score.

CS 121 Computer Science I (4 credits) Department approval
Introduction to object oriented problem solving and programming. Software development process. Data and expressions, conditionals and loops, arrays and lists, and classes and interfaces. Introduction to graphical user interfaces and UML diagrams. PREREQ: MATH 170 Calculus I.

CS 221 Computer Science II (3 credits) Department approval
Object-oriented design including inheritance, polymorphism, and dynamic binding. Graphical user interfaces. Recursion. Introduction to program correctness and testing/analysis of time/space requirements. Basic data structures: lists, collections, stacks, and queues. Basic searching and sorting. PREREQ: CS 121

ECON 201 Principles of Macroeconomics (3 credits - DLS) BA in Economics, MA in Economics or related area
Economics principles are used to analyze the aggregate performance of developed economies. Analysis is applied to domestic and international macroeconomic issues. The goals and problems of high employment, price stability, growth, and the balance of payments are analyzed. Monetary, fiscal, and other national policies are discussed.

ECON 202 Principles of Microeconomics (3 credits - DLS) BA in Economics, MA in Economics or related area
An introduction to microeconomic analysis covering supply and demand, basic market structures, the operation of the price system, and the distribution of income. Provides an introduction to some applied areas of economics such as international and regional economies, the public sector, and economic development.

ED-CIFS 201 Foundations of Education (3 credits - DLS) BA in Education, MA in Education or related area
Social, multicultural, philosophical, and historical perspectives in education; current educational issues; and problems of education. It provides a conceptual framework from which students will learn to reflect upon and question American public education.

ED-ECS 221 Foundations of Professional Practices (3 credits) BA in Education, MA in Education or related area
Principles and practices of early childhood education/early childhood special education. Developmentally appropriate practices in the teaching/learning process of young children with and without special needs, in natural learning environments. Weekly classroom field work required.
ED-ECS 222 Family and Community Relations (3 credits) MA in Education or related area
Partnering with families of young children, both typically and atypically developing. Family systems theory, roles and functions of special service colleagues and community resources.

ENGL 101 Introduction to College Writing (3 credits) MA in Composition and Rhetoric, English Education/Literacy, Curriculum & Instruction with emphasis in Reading or English
Introduction to critical reading and to writing processes, including invention, revision, and editing. Emphasis on writing thoughtful explorations of readings, observations, ideas, and experiences; developing the author's voice and inventiveness; editing for style and conventions of standard usage.

ENGR 100 Energy for Society (4 credits - DLN) BS in Science, Chemistry, Engineering, Physics, MA in general area preferred
A basic understanding of energy and how it has been put to use is developed to promote a better understanding of our present technological society with its energy, environmental, social, and political problems. Alternative as well as conventional energy solutions are considered. This is a general interest course, having no prerequisite.

ENGR 115 Idaho Aerospace Scholar (2 credits) Engineering department approval
The Idaho Science & Aerospace Scholars is a course offered through the Idaho Digital Learning Academy (IDLA), online for high school students. Students will explore and interact with the history and internal functions of NASA space exploration through online NASA research, virtual simulations, team design projects, and problem-solving activities. Students will explore STEM careers and interact with Idaho scientists, engineers, and other STEM professionals.

ENGR 120 Introduction to Engineering (3 credits - DLN) BS in Engineering, MA in Engineering, Professional Experience in Industry or willing to take courses to get approved
Students use critical thinking and gain design-oriented engineering experiences by working through projects that expose them to the engineering disciplines. Professional skill development includes teamwork, oral and written communication, and professional/ethical responsibility. PREREQ: MATH 147 or MATH 143 and MATH 144, or satisfactory placement score.

ENVSTD 121 Introduction to Environmental Studies (3 credits - DLN) BS in Science or Social Studies, MA in general area preferred
Introduction to the interdisciplinary nature of environmental concepts and issues. Integrates scientific, socio-political, and humanistic approaches to the understanding of nature and how humans interact with the rest of nature.

FRENCH 101 Elementary French I (4 credits - DLL) BA in French and interview
Develops beginning abilities in all four languages skills: speaking, reading, writing, and listening. Offers basic study of grammatical structures and vocabulary in a communicative context. Introduces students to Francophone cultures. Students who successfully complete this course may not receive credit for FRENCH 111 or 112.

FRENCH 102 Elementary French II (4 credits - DLL) BA in French and interview
Continues to develop beginning abilities in all four language skills: speaking, reading, writing, and listening. Offers basic study of grammatical structures and vocabulary in a communicative context. Introduces students to Francophone cultures. PREREQ: FRENCH 101 or equivalent as determined by placement exam.

GENBUS 101 Business for the New Generation (3 credits) BA in Business and related teaching experience
Acquaints students with business organization, functional areas, and current business issues such as ethics, social responsibility and sustainability. Presents the strengths and limitations of the business enterprise, while promoting innovation, creativity, and technology use in a global context. Emphasis on strategy, communication, problem solving, teams and negotiation. Format will be lecture plus interactive breakout groups, simulations and integrated cases.

GEOS 100 Fundamentals of Geology (4 credits - DLL) BS in Geology or related science, MA in general area preferred
An introduction to the principles of physical and historical geology. Topics include weathering, erosion, glaciation, volcanism, earthquakes, rocks, minerals, maps, and the origin of the earth and its physical and biological development. Open to all students except those with previous credit in geology, or earth science majors and those non-science majors who plan an eight-hour sequence in geology. Field trips required.
GERMAN 101 Elementary German I (4 credits - DLL) BA in German and interview
Develops beginning abilities in all four language skills: speaking, reading, writing, and listening. Offers basic study of grammatical structures and vocabulary in communicative context. Introduces students to Germanic cultures.

GERMAN 102 Elementary German II (4 credits - DLL) BA in German and interview
Continues to develop beginning abilities in all four language skills: speaking, reading, writing, and listening. Offers basic study of grammatical structures and vocabulary in a communicative context. Introduces students to Germanic cultures. PREREQ: GERMAN 101 or instructor’s permission.

HISTORY 100 Themes in World History (3 credits - DLL) MA in History
Uses a major theme in history to introduce methods of historical interpretation and to explore issues, developments and trends across time and place. Theme varies by instructor.

HISTORY 111 United States History (3 credits) MA in History
Surveys American society from pre-Columbian times through the Civil War era, with emphasis on the formative issues and conflicts that shape national politics and culture.

HISTORY 112 United States History (3 credits) MA in History
Surveys the issues and conflicts influencing American development form the Civil War to the present, including economic, military, political, international, and socio-cultural factors.

HISTORY 121 Eastern Civilizations (3 credits - DLS) MA in History, Department approval
Introduces methods of historical interpretation and presents a topical and chronological historical survey of China and Japan, exploring philosophies, religions, cultures, and social patterns. Western intrusion into Asia and the Asians’ reactions to the West are included. Other areas of Asia, including India, Korea, and Southeast Asia will also be integrated.

HISTORY 131 Survey of Latin America (3 credits) MA in History
Introductory overview of the main historical trends that explain current cultural, social, ethnic, political and economic characteristics of Latin America.

HLTHST 101 Medical Terminology (3 credits) Department approval
Introduction to Greek and Latin prefixes, suffixes, combining forms and roots used in medical terminology, as well as the study of anatomical, physiological, and pathological terms, clinical procedures, abbreviations, and lab tests according to systems of the body. Medical terminology is treated as a medical language and clinical application is stressed.

ITM 104 Operating Systems and Word Processing Topics (1 credit) Department approval
Introduces computer and technology concepts and develops skills using current home/office and Internet productivity software. Basic functions of the operating system, basic to intermediate word-processing skills, introduction to hardware, software, Internet and networking concepts for use in the workplace, educational settings, and the home. Pass/Fail.

ITM 105 Spreadsheet Topics (1 credit) Department approval
Basic to intermediate spreadsheet skills development, hardware, software, Internet and networking concept materials for use in the workplace, educational settings, and the home. Pass/Fail. PREREQ: ITM 104 or successful completion of a placement exam for ITM 104.

ITM 106 Database Topics (1 credit) Department approval
Basic to intermediate database skills development, hardware, software, Internet and networking concept materials for use in the workplace, educational settings, and the home. Pass/Fail. PREREQ: ITM 104 and ITM 105 or successful completion of a placement exam for ITM 104 and ITM 105.

ITM 225 Introduction to Programming (3 credits) Department approval
Introduction to object-oriented programming, rapid development tools, and object oriented design principles. Includes essentials programming concepts of sequence, selection, iteration, arrays and string manipulation, testing and program documentation. PREREQ: MATH 143, or MATH 147, or MATH 160, or MATH 170, or satisfactory placement score into one of these math courses.

ITM 315 Database Systems (3 credits) BS in CS or CIS, Industry Experience, or department approval
Introduction to design, development and administration issues of relational databases and DBMS, and their applications to real-business problems. Special emphasis on SQL, logical data design techniques, XML, and rapid prototyping of end user business applications. PREREQ: ITM 106 or successful completion of a placement exam for ITM 106.
JAPANESE 101 Elementary Japanese I (4 credits - DLL) BA in Japanese and interview
Develops beginning abilities in all four language skills: speaking, reading, writing, and listening. Offers basic study of grammatical structures and vocabulary in a communicative context. The course also introduces Katakana, Hiragana, and a limited number of Chinese characters. Students who successfully complete this course may not receive credit for JAPANESE 111 or 112.

JAPANESE 102 Elementary Japanese II (4 credits - DLL) BA in Japanese and interview
Continues to develop beginning abilities in all four language skills; speaking, reading, writing, and listening. Offers basic study of grammatical structures and vocabulary in a communicative context. The course also introduces Katakana, Hiragana, and a limited number of Chinese characters. Course conducted in Japanese. Introduces students to Japanese culture. PREREQ: JAPANESE 101 or JAPANESE 112 or instructor’s permission.

LATIN 211 Elementary Classical Latin (4 credits - DLL) BA and experience teaching with interview
An intensive introduction to the basic vocabulary, grammar and syntax of classical Latin with emphasis on comprehension of the nominal declension and verbal conjugation forms of the language. Survey of Roman republican literature with illustrative reading passages excerpted from the ancient authors. PREREQ: LATIN 211 or instructor’s permission.

LATIN 212 Advanced Classical Latin (4 credits - DLL) BA and experience teaching with interview
Second semester of the intensive introduction to the study of classical Latin with emphasis on comprehension of the advanced grammatical forms and syntactical patterns of the language. Survey of Roman imperial literature with translations and analysis of extended historical and literary texts from the ancient authors. PREREQ: LATIN 211 or instructor’s permission.

MATH 160 Survey of Calculus (4 credits - DLM) BA/S in Math, teaching experience, MA in general area preferred
A survey of the essentials of calculus, intended mainly for students in business and social sciences; emphasis on applications to such areas. Basic concepts and computational techniques for functions, derivatives, and integrals, with emphasis on polynomial, rational, exponential and logarithmic functions. Very brief introduction to calculus of functions of several variables. MATH 160 cannot be taken for credit after MATH 170. PREREQ: MATH 143 College Algebra or satisfactory placement score.

MATH 170 Calculus I (4 credits - DLM) MS in Math, MA in Math Education or related area
Definitions of limit, derivative and integral. Computation of the derivative, including logarithmic, exponential and trigonometric functions. Applications of the derivative, approximations, optimization, mean value theorem. Fundamental Theorem of Calculus, brief introduction to applications of the integral and to computations of antiderivatives. Intended for students engineering, mathematics and sciences. PREREQ: MATH 143 College Algebra and MATH 144 Analytical Trigonometry, or MATH 147 Precalculus, or satisfactory placement score.

KINES 121 Taping and Wrapping Techniques in Athletic Training (1 credit) LAT certification
Instructs students in a variety of wrapping and taping procedures used in the field of athletic training as forms of external support. A prerequisite for admission to the Athletic Training Education Program.

KINES 140 Personal Health (3 credits - DLS) LAT certification and KINES 445 (Secondary School Health Methods and Administration)
Covers nutrition, diseases, health needs, services, drugs, family living, and personality structure and development. Enhances student adjustment toward effective functioning in a changing environment.

KINES 220 Introduction to Athletic Injuries (3 credits) LAT certification
A survey course introducing the principles of care and prevention of sport induced injury. Emphasis will be on identification and differentiation of minor and major trauma related to sports participation. A prerequisite for admission to the Athletic Training Education Program.

KINES 370 Biomechanics (2 credits) Department approval
Anatomical and mechanical considerations applied to the human motion in sport and exercise. PREREQ: MATH 143, 144, or MATH 170. COREQ: KINES 371.

KINES 371 Laboratory for Biomechanics (1 credit) Department approval
The laboratory to accompany KINES 370. COREQ: KINES 370.
MATH 175 Calculus II (4 credits) MS in Math Education or related area
A continuation of MATH 170. Applications of the integral, symbolic and numerical techniques of integration. Sequences and series, with an emphasis on power series and approximations, convergence and error bounds. Separable differential equations. Parametric curves in the plane and polar coordinates. Includes use of mathematical software such as Maple or Mathematica. PREREQ: MATH 170 Calculus I.

MATH 187 Discrete and Foundational Mathematics (4 credits) MS in Math Education
An introduction to the language and methods of reasoning used throughout mathematics. Topics include propositional and predicate logic, elementary set theory, proof techniques including mathematical induction, functions, and relations, combinatorial enumeration, premutations and symmetry. PREREQ: MATH 143 College Algebra or MATH 147 Precalculus, or satisfactory placement score.

MATH 254 Applied Statistics with Computers (3 credits - DLM) BS in Math, MA in Math or general area
Pre-calculus treatment of descriptive statistics, confidence intervals, hypothesis testing, linear regression, correlation, introduction to probability. Emphasis on reasoning, problem-solving, communicating ideas, and application to a wide variety of disciplines. Use of computer statistics packages to handle computations. Carries no credit after MATH 360 or MATH 361. PREREQ: MATH 108 Intermediate Algebra or satisfactory placement score.

MATH 275 Multivariable and Vector Calculus (4 credits) MS in Math, department approval
Vector algebra and geometry, functions of several variables, partial and directional derivatives, gradient, chain rule, optimization, multiple and iterated integrals. Parametric curves and surfaces, vector fields, divergence and curl, line and surface integrals. Green's, Stokes' and divergence theorems. Use of software such as Maple of Mathematica for visualization, exploration and solutions of “real-world” problems. PREREQ: MATH 175 Calculus II.

PHYS 101 Introduction to Physics (4 credits - DLM) BS in Physics or related science, MA in general area preferred
A broad survey of basic physics concepts and principals including motion, energy, electricity, magnetism, light, relativity, atoms, fission, and fusion. Some examples will be related to social applications. A one-semester core course that uses some basic algebra.

PHYS 104 Planets and Astrobiology (4 credits - DLM) BS in Physics or related science, department approval
Emphasis is on our solar system, the origin of chemical abundances, and astronomical requirements for the development of life; extra-solar planetary systems, and the search for life in the universe.

POLS 101 American National Government (3 credits - DLS) BA/S in Political Science or MA in Curriculum and Instruction or Political Science or related area
Institutions and processes of the American political system, emphasizing social, ideological, and constitutional background.

PSYC 101 General Psychology (3 credits - DLS) BA/S in Psychology or related area, MA in Counseling, Education, Psychology, Sociology, related Social Studies area
Provides the basis for understanding psychological science. Topics considered may include: scientific method, biopsychology, consciousness, sensation, perception, development, learning, cognitive processes, motivation, emotion, health psychology, personality, individual differences, social psychology, psychopathology, and psychotherapy.

SOC 101 Introduction to Sociology (3 credits - DLS) BA/S in Sociology, History, Political Science, Psychology, or general social science.
An introduction to groups, organizations, and societies, and their impact on human behavior. Emphasis is on sociological perspectives, concepts, methods, and applications in areas such as organization, socialization, inequality, institutions, intergroup relations, change, etc.

SPANISH 101 Elementary Spanish I (4 credits - DLL) BA in Spanish or related teaching experience with interview
Develops beginning abilities in all four language skills: speaking, reading, writing, and listening. Offers a basic study of grammatical structures and vocabulary in communicative context. Introduces students to Hispanic culture. Students who successfully complete this course may not receive credit for SPANISH 111 or SPANISH 112.

SPANISH 102 Elementary Spanish II (4 credits - DLL) BA in Spanish or related teaching experience with interview
Continues to develop beginning abilities in all four language skills: speaking, reading, writing, and listening. Offers a basic study of grammatical structures and vocabulary in communicative context. Introduces students to Hispanic culture. PREREQ: SPANISH 101 or satisfactory placement score.
SPANISH 201 Intermediate Spanish I (4 credits - DLL) Department approval
Intended to further develop all four language skills: speaking, reading, writing, and listening. Intensive review of fundamentals of structure and vocabulary in a communicative context. Topics for conversation, reading, and writing focus on Hispanic cultures. Course conducted in Spanish. PREREQ: SPANISH 102 or satisfactory placement score.

SPANISH 202 Intermediate Spanish II (4 credits - DLL) Department approval
Intended to further develop all four language skills: speaking, reading, writing, and listening. Intensive review of fundamentals of structure and vocabulary in a communicative context. Topics for conversation, reading, and writing focus on Hispanic culture. Course conducted in Spanish. PREREQ: SPANISH 201 or satisfactory placement score.

THEA 102 Beginning Ballet I (1 credit) Department approval
Basics of classical dance. Beginning barre work and center training to build strength and flexibility. Designed for students with no prior experience. May be repeated for a maximum of two credits. Pass/Fail.

THEA 103 Beginning Ballet II (1 credit) BA/S in any field and teaching experience.
A continuation of THEA 102. May be repeated for a maximum of two credits. Pass/Fail. PREREQ: THEA 102 or PERM/INST.

UNIV 100 High School to College Transitions (1 credit) BA/S in any field and teaching experience, MA in General Area preferred
An interactive approach is utilized to encourage students to develop positive relationships and effective behaviors for the transition to college. Topics may include adjusting to college, setting academic goals, managing time and keeping organized, learning and studying in college, preparing for and taking tests, and understanding college policies and processes.

UNIV 106 Library Research (1 credit) Must be an American Library Association accredited librarian and department approved – Online course only.
This online class is offered through the Idaho Digital Learning Academy (IDLA). Introduction to the library research process and basic tools a student needs to succeed in coursework at Boise State University and beyond. Gain proficiency in locating, using and evaluating diverse information resources. Learn about plagiarism and citing sources. Students will get a head start on doing research for Senior Projects through gained proficiency using electronic and print library resources and learn about information in a societal context. Pass/Fail.

UNIV 108 Career and Life Planning (2 credits) Department approval – Online course only
This online class is offered through the Idaho Digital Learning Academy (IDLA). Designed to assist students in knowing self and the world of work, identifying resources, understanding career planning, and developing a proposed implementation of career and life plans.

NOTE: This list is subject to change as more classes are added for concurrent credit.

Disciplinary Lens Courses – Disciplinary Lens Courses are part of Boise State University’s Foundational Studies Program, similar to general education or core curriculum. Students are expected to choose courses from each disciplinary lens as part of completing their degree requirements. Courses that satisfy these requirements at Boise State are noted by the following:

- DLL – Literature and Humanities
- DLM – Mathematics
- DLN – Natural, Physical, and Applied Sciences
- DLS – Social Sciences
- DLV – Visual and Performing Arts
For Information about Concurrent Enrollment contact:

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