



This is the course catalog for NU Accelerate offerings for the Summer 2024 term. All courses are four (4) credits unless otherwise listed.

Note: This catalog is accurate as of February 20, 2024. Should there be any change to the offerings, NU Accelerate will post an updated version to the website and email students to inform them of the change.

Summer Term Dates

Full Summer Term: May 6 – August 15

Summer 1 Term: May 6 – June 25 (condensed term: 7.5 weeks in length)

Summer 2 Term: July 1 – August 20 (condensed term: 7.5 weeks in length)

Course Code	Name	Term(s) Offered
ACCT 1201	Financial Accounting and Reporting	Summer 1 Summer 2
	Covers the basic concepts underlying financial statements and the accounting principles followed in the preparation of the balance sheet, the income statement, and the statement of cash flows. Offers students an opportunity to become familiar with accounting terminology and methods designed to enable them to interpret, analyze, and evaluate published corporate financial reports. Wherever appropriate, the course relates current economic, business, and global events to accounting issues. Analyzes how financial reporting concepts affect the behavior of investors, creditors, and other external users. Emphasizes the importance of ethics in financial reporting.	
ARCH 1310	Buildings and Cities, A Global History	Summer 1 Summer 2
	Introduces students to architecture, as understood through buildings, cities, and landscapes from antiquity to the present. Studies important monuments in the global history of architecture, as well as tools for analyzing the built environment. Considers buildings in relation to their political, social, economic, and cultural context, and as expressions of diversity in human societies and cultural	

	<p>perspectives. Topics include the language of architecture, architectural drawings, the classical orders, the problem of ornament, construction techniques, materials, site, and the role of the patron. Develops students' eye for composition in two and three dimensions, aesthetic discrimination of detail, ability to see buildings as part of a larger social and cultural fabric, and critical judgment in speaking and writing.</p>	
<i>BUSN 1101</i>	Introduction to Business	Summer 1
	<p>Blends theoretical principles with real-life application. Introduces the fundamentals of launching, growing, and managing a business venture in today's dynamic and increasingly global environment. Examines concepts within multiple academic disciplines and from multiple perspectives—including marketing, technology, finance, accounting, information systems, people, and culture—and then applies them to new ventures within varied types of organizations. Offers students an opportunity to develop an entrepreneurial skill set and mind-set through the development of the critical thinking, innovative decision making, problem solving, and team building needed for any business, large or small.</p>	
<i>COMM 1101</i>	Introduction to Communication Studies	Summer 1 Summer 2
	<p>Surveys the field of communication studies. Covers major theories and methodological approaches in communication studies and situates communication within larger social, political, and economic institutions. Exposes students to ways of ethical reasoning across communication contexts, including organizational communication, social media, intercultural communication, mass media, and interpersonal communication.</p>	
<i>CS 1800/1802</i>	Discrete Structures	Summer 2
	<p>Introduces the mathematical structures and methods that form the foundation of computer science. Studies structures such as sets, tuples, sequences, lists, trees, and graphs. Discusses functions, relations, ordering, and equivalence relations. Examines inductive and recursive definitions of structures and functions. Discusses principles</p>	

	<p>of proof such as truth tables, inductive proof, and basic logic. Also covers the counting techniques and arguments needed to estimate the size of sets, the growth of functions, and the space-time complexity of algorithms.</p> <p><i>*CS 1800 is a 4-credit course with an accompanying seminar CS 1802 which is 1-credit. CS 1800/1802 together "count" as one of your maximum two NU Accelerate courses</i></p>	
<i>ECON 1115</i>	Principles of Macroeconomics	Summer 2
	Introduces macroeconomic analysis. Topics include the flow of national income, economics growth and fluctuation, the role of money and banking, and monetary and fiscal policies. Emphasizes the development of conceptual tools to analyze the economic problems facing modern society.	
<i>ECON 1116</i>	Principles of Microeconomics	Summer 1
	Focuses on development of basic theory of demand, supply, and market price. Explores applications to selected microeconomic problems, such as basic monopoly and competition, and other issues that relate to the role of the pricing system in resource allocation and income distribution.	
<i>ENGW 1111</i>	First Year Writing	Full Summer
	Designed for students to study and practice writing in a workshop setting. Students read a range of texts in order to describe and evaluate the choices writers make and apply that knowledge to their own writing and explore how writing functions in a range of academic, professional, and public contexts. Offers students an opportunity to learn how to conduct research using primary and secondary sources; how to write for various purposes and audiences in multiple genres and media; and how to give and receive feedback, to revise their work, and to reflect on their growth as writers.	
<i>INTB 1203</i>	International Business and Global Social Responsibility	Summer 1 Summer 2
	Introduces the student to forces and issues confronted in our era of rapid globalization. Managers must understand	

	forces from interconnected social, political, and economic national environments that affect their company's operations. At the same time they need to draw on their ethical foundations to address and act on social responsibility imperatives across national borders.	
<i>HIST 1215</i>	Origins of Today	Summer 2
	Focuses on the historical roots of four pressing contemporary issues with global implications. Our world has grown increasingly complex and interconnected, and the planet's diverse peoples are facing common problems that have tremendous impact on the immediate future. They are (1) globalization, from its origins in the sixteenth century to the present; (2) the potential for global pandemics to alter the course of history, from bubonic plague in the fifth century to H1N1; (3) racial inequality, from religious interpretations in the early modern period to science in the modern era; and (4) gender inequality, from the agricultural revolution forward. For each issue, studies cases and locations spread across the world, examines the links between past and present, and attempts to identify ways forward.	
<i>HIST 2211</i>	The World Since 1945	Summer 1
	Examines the political, economic, social, and cultural relationship between the developed and developing world since the end of World War II. Topics include the Cold War, independence and national movements in developing countries, the globalization of the world economy, scientific and technological innovations, wealth and poverty, the eradication of some diseases and the spread of others, the fall of the Soviet Union, Middle East turmoil, and the enduring conflict between Israel and Palestine.	
<i>MATH 1231</i>	Calculus for Business and Economics	Full Summer
	Provides an overview of differential calculus including derivatives of power, exponential, logarithmic, logistic functions, and functions built from these. Derivatives are used to model rates of change, to estimate change, to optimize functions, and in marginal analysis. The integral	

	calculus is applied to accumulation functions and future value. Emphasis is on realistic business and economics problems, the development of mathematical models from raw business data, and the translation of mathematical results into verbal expression appropriate for the business setting. Also features a semester-long marketing project in which students gather raw data, model it, and use calculus to make business decisions; each student is responsible for a ten-minute presentation. (Graphing calculator required, see instructor for make and model.)	
<i>MATH 1341</i>	Calculus 1 for Science and Engineering	Full Summer
	Covers definition, calculation, and major uses of the derivative, as well as an introduction to integration. Topics include limits; the derivative as a limit; rules for differentiation; and formulas for the derivatives of algebraic, trigonometric, and exponential/logarithmic functions. Also discusses applications of derivatives to motion, density, optimization, linear approximations, and related rates. Topics on integration include the definition of the integral as a limit of sums, antidifferentiation, the fundamental theorem of calculus, and integration by substitution.	
<i>MUSC 1001</i>	Music in Everyday Life	Summer 2
	Dedicated to exploring, expanding, and exploding traditional meanings of what music is; of what it means to be a composer, performer, and audience member; and of what it means to listen. The overarching goal is to provide students with the tools and opportunities necessary for determining for themselves what place music holds in everyday life.	
<i>PHIL 1102</i>	Introduction to Contemporary Moral Issues	Summer 1 Summer 2
	Focuses on current controversial issues and moral debates. Specific topics vary but include subjects like abortion, euthanasia, global poverty, economic justice, affirmative action, gender relations, animal rights, the environment, the death penalty, war, cloning, and same-sex marriage. Offers an opportunity to learn to apply both the methods of philosophical analysis and various ethical and political theories to these controversies.	

<i>PHTH 1260</i>	The American Healthcare System	Summer 1 Summer 2
	Introduces the organization and dynamics of the healthcare system and the role of consumers. Explores basic elements of healthcare including financing, personal insurance, high-risk status, and patient rights within the context of the U.S. system. Central to this exploration is an analysis of healthcare issues requiring informed consent from patients: patient bill of rights, healthcare directives, and the use of a proxy for decision making. Introduces the roles and responsibilities of various healthcare workers within the framework of an interdisciplinary model of healthcare.	
<i>PHTH 1270</i>	Introduction to Global Health	Summer 1 Summer 2
	Introduces global health in the context of an interdependent and globalized world focusing on four main areas of analysis: infrastructure of global health; diseases; populations; and terms, concepts, and theories. While the focus is on lower-income countries, the course examines issues in a broader global context, underscoring the interconnections between global health disparities and global health policy response. Applies case studies describing interventions to improve healthcare in resource-poor settings in sub-Saharan Africa and elsewhere to help illuminate the actors, diseases, populations, and principles and frameworks for the design of effective global health interventions.	
<i>POLS 1150</i>	American Government	Summer 1
	Analyzes the system of politics and government in the United States. Topics include the philosophical basis, historical origins, design, and functioning of the Constitution as well as formal government institutions. Examines the influence of public opinion, political behavior and participation, parties, and interest groups.	
<i>POLS 1160</i>	International Relations	Summer 1 Summer 2
	Introduces a broad study of international relations, encompassing both theoretical perspectives and empirical knowledge. Reviews the role of states as well as international and nongovernmental organizations in	

	dealing with security and war, terrorism, human rights, trade, globalization, and environmental protection, among other important contemporary issues.	
<i>PSYC 1101</i>	Foundations of Psychology	Summer 1
	Surveys the fundamental principles, concepts, and issues in the major areas of basic and applied psychological science. Approaches the study of psychology as a method of inquiry as well as a body of knowledge. Introduces students to research methods and to psychological research on the biological bases of behavior, learning, sensation and perception, cognition and language, development, emotion, social psychology, personality, and psychological disorders.	