

Grace College Jump Start

<https://www.grace.edu/jump>

2019-2020 Session Dates		
Session	Start Date	End Date
Fall A	8/19/19	10/10/19
Fall B	10/15/19	12/12/19
Spring A	1/6/20	2/27/20
Spring B	3/11/20	5/6/20

Please Note: The class options listed on this document may or may not have openings. Openings change on a daily basis.

Questions? Email jumpstart@grace.edu.

Class Options - Fall A					
Course Code	Class	Day	Time	Pre-Requisites/ Co-Requisites	Course Description
ACC 2110	Financial Accounting	Tues/Fri	8:00 AM - 10:20 AM	None	Develops an understanding and application of basic financial accounting principles. Emphasis on building and using basic financial statements and a manager's use of accounting data. This course and ACC 2120 together serve as the first year of accounting. Three hours.
ART 1200	Drawing I	Tues/Fri	8:00 AM - 10:20 AM	None	An introductory course focusing on developing fundamental drawing skills and improving visual perception. The primary emphasis is on structural drawing and composition using dry media. A variety of studio exercises will be used. Three hours.
ART 1300	Photography I	Tues	5:00 PM - 8:00 PM	None	An introduction to the fine art of photography, this course will emphasize creative and technical aspects of black-and-white photography. Study will include composition, aesthetic awareness, darkroom procedures and alternative processes. SLR film camera required. Studio fees apply. Three hours.
BIB 1050	Exploring the Bible	Tues/Fri	1:00 PM - 3:20 PM	None	A general overview of the Bible which orients the student to the overall presentation of the program of God from the Creation through the Consummation of Christ. Emphasis will be placed on the themes, timeline, structure, and coherence of the entire Biblical revelation. Three hours.
		Tues/Fri	8:00 AM - 10:20 AM		
		Mon/Thurs	8:00 AM - 10:20 AM		
		Mon/Thurs	1:00 PM - 3:20 PM		
BIO 1610	General Biology I	Tues/Fri	8:00 AM - 10:20 AM	Must be taken with BIO 1620L	Principles of structure, function, and cellular organisms. Includes an introduction to the scientific method, characteristics of cytoplasm, and basic cytology, energy acquisition and release and heredity. Also includes basic plant structure and function. Four hours.
BIO 1620L	General Biology I Lab	Mon/Thurs	8:00 AM - 10:20 AM	Must be taken with BIO 1610	The laboratory is designed to support BIO 1610 and must be taken concurrently with the course.
		Mon/Thurs	1:00 PM - 3:20 PM		
COM 1100	Public Speaking	Mon/Thurs	1:00 PM - 3:20 PM	None	A study of communication theory as applicable to public speaking. Students explore the components of an effective speech, as well as current applications of speaking skills. Emphasis will be placed on practicing and displaying these skills in a laboratory setting. Three hours.
		Mon/Tues/Thurs/Fri	11:30 AM - 12:40 PM		
		Mon/Thurs	8:00 AM - 10:20 AM		
ENG 1100	Effective Writing	Tues/Fri	8:00 AM - 10:20 AM	None	This course is designed to help you develop and hone the skills necessary for clear and persuasive writing at the college level and beyond. The primary focus of the course is scholarly writing, though we will also explore other genres such as the personal expressive narrative, rhetorical analysis, and position paper. In particular, this course will help you engage complex issues and competing points of view while articulating and supporting an argument using appropriate sources. Three hours.
		Tues/Fri	1:00 PM - 3:20 PM		
		Mon/Thurs	8:00 AM - 10:20 AM		
		Mon/Thurs	1:00 PM - 3:20 PM		

Class Options - Fall A (continued)					
Course Code	Class	Day	Time	Pre-Requisites/ Co-Requisites	Course Description
ENV 2110	General Ecology	Mon/Tues/Thurs/Fri	11:30 AM -12:40 PM	Must be taken with ENV 2120L	A study of the interaction of organisms with their physical environment and with each other. Particular focus will be on application of ecological concepts and field work in various local ecosystems. Four hours.
ENV 2120L	General Ecology Lab	Mon/Thurs	1:00 PM - 3:20 PM	Must be taken with ENV 2110	This laboratory is designed to support ENV 2110 and must be taken concurrently with the course.
		Tues/Fri	1:00 PM - 3:20 PM		
FRE 1010	Beginning French Language and Culture I	Mon/Tues/Thurs/Fri	11:30 AM - 12:40 PM	None	Students are put in the presence of authentic, unsimplified French and are trained to use it in the dynamic context of communication. Emphasis is placed on oral proficiency, the development of skills, self-expression, and cultural insight. Online laboratory work is required. Three hours.
HIS 1380 C	Contemporary America and the World	Mon	6:00 PM - 9:00 PM	Can take as second, third, or fourth Jump Start class	This course is a topical approach to the cultural history of the United States from Cold War to the present, with special emphasis on America's role in global affairs. Students will not only gain a broad understanding of America's place in recent world events but also a specialized knowledge of various topics related to issues of culture, politics, and conflict as well as current events and trends. Three hours.
ISM 2700	HTML & Web Development	Tues/Fri	8:00 AM - 10:20 AM	None	This course will focus on the creation, modification and implementation of Web pages using HTML and CSS. Coverage will also include some JavaScript and the Document Object Model. At successful completion of the course, the student will be able to design, build, and implement Web sites. Three hours.
MAT 1120	College Algebra	Mon/Thurs	8:00 AM - 10:20 AM	None	Topics include algebraic operations, manipulation of functions, polynomial equation solutions, inequalities, logarithms, and exponentials. There will be practice with solving systems of equations, graphing, and algebra applications. Three hours.
MAT 1230	Calculus I	Mon/Thurs	8:00 AM - 10:20 AM	Must be taken with MAT 1240L	This course is a traditional introductory calculus course. We will study functions, limits, derivatives, and integrals. Applications of the derivative and the fundamental theorem of calculus will be particular highlights of this class as well as integrals and derivatives of logarithms and exponential functions. Four hours.
MAT 1240L	Calculus I Lab	Tues/Fri	1:00 PM - 3:20 PM	Must be taken with MAT 1230	The laboratory is designed to support MAT 1230 and must be taken concurrently with the course.
		Mon/Thurs	1:00 PM - 3:20 PM		
PSY 1100	Introduction to Psychology	Mon/Thurs	8:00 AM - 10:20 AM	None	An introduction to psychology as the study of human behavior. Basic principles of psychology will be explored including the process of learning, memory, perception, sensation, motivation, and emotion. Personal and social aspects of human development will be emphasized. Three hours.
SCI 1160	Theories on Origins	Mon	6:00 PM - 9:00 PM	None	A survey of origin theories with emphasis on creation/evolution. Explores fossils, design, thermodynamics, chronology, flood geology, life in space, and current creation research. Three hours.
SCI 2030	Faith, Science, and Reason	Tues/Fri	1:00 PM - 3:20 PM	None	Faith, Science, and Reason is designed to assist the student in demonstrating the scope and magnitude of science and mathematics: why we study these subjects; knowing the limitations of these subjects; where the Christian fits and operates within the scientific paradigm; how a Christian can incorporate their faith and reason within the scientific enterprise; and how to use it as a productive platform when communicating to those of different worldviews. Three hours.
SED 1000	Teaching School in America	Tues/Fri	8:00 AM - 10:20 AM	None	An introduction to the profession of teaching. Learning experiences are structured both in and out of the classroom with the purpose of assisting the college student in making career decisions relative to the profession, e.g., to teach or not, at which level, and in which subject area. Students observe in local schools. Three hours.
		Mon/Thurs	8:00 AM - 10:20 AM		

Class Options - Fall A (continued)					
Course Code	Class	Day	Time	Pre-Requisites/ Co-Requisites	Course Description
SED 2500	Teaching in a Pluralistic Society	Mon/Thurs	8:00 AM - 10:20 AM	Must have received a B- or higher in SED 1000	This course develops understanding and skill for working with children and parents who come from diverse backgrounds. Areas of diversity include race, ethnicity, native language, culture, class, gender, age, religion, and ability. The focus is on increasing knowledge and respect for the diverse child in the classroom setting. Subscription to Chalk & Wire is required. Three hours.
SOC 1100	Introduction to Sociology	Wed	6:00 PM - 9:00 PM	None	An introductory study of humans functioning in society. Basic principles of sociology will be experienced including organization, structure, strata, and problems in American society. Emphasis will be placed on observational techniques that will help to develop a spirit of active participation in the world. Three hours.
SOC 2340	Introduction to Criminal Justice	Mon/Thurs	1:00 PM - 3:20 PM	None	This course introduces students to the essentials of criminal justice and the most significant issues in today's American criminal justice system. Students will learn the true roles of the police, courts, and corrections and develop an understanding of the complex ways in which they work together. Information on criminal justice careers will help students learn about the meaning of criminal justice to those who work in the field and will provide useful information that can aid career choices. Three hours.
SPA 1010	Beginning Spanish Language and Culture I	Mon/Tues/Thurs/Fri	11:30 AM - 12:40 PM	None	Students are put in the presence of authentic, unsimplified Spanish and are trained to use it in the dynamic context of communication. Emphasis is placed on oral proficiency, the development of skills, self-expression, and cultural insight. Online laboratory work is required. Three hours.
		Tues/Fri	1:00 PM - 3:20 PM		

Class Options - Fall B					
Course Code	Class	Day	Time	Pre-Requisites/ Co-Requisites	Course Description
ACC 2120	Managerial Accounting	Tues/Fri	8:00 AM - 10:20 AM	ACC 2110 Financial Accounting	The study of the managerial aspects of accounting and finance. Includes an in-depth study of the statement of cash flows, analysis of financial statements, product cost management, and cash budgeting. Three hours.
ART 2110	Art & Design Fundamentals	Tues/Fri	8:00 AM - 10:20 AM	None	From the simple application of color to the complex devices that create illusionary space, this foundational lecture/studio course concentrates on the basic elements of two-dimensional and three-dimensional design. Students will apply aesthetics and theoretical methods. Oral and written art criticisms are employed. Three hours.
BIB 1050	Exploring the Bible	Tues/Fri	8:00 AM - 10:20 AM	None	A general overview of the Bible which orients the student to the overall presentation of the program of God from the Creation through the Consummation of Christ. Emphasis will be placed on the themes, timeline, structure, and coherence of the entire Biblical revelation. Three hours.
		Mon/Thurs	8:00 AM - 10:20 AM		
CHM 1610	General Chemistry I	Mon/Thurs	8:00 AM - 10:20 AM	Must be taken with CHM 1620L	This course is designed to investigate all topics normally found within the American Chemistry Society recommended guidelines (i.e., atomic structure, physical measurements, chemical reactions and balancing equations, percent composition, solubility and precipitation, redox chemistry, gas laws, thermochemistry, quantum chemistry, VSEPR theory, molecular orbital theory, unit cells and unit cell calculation, and intermolecular forces) for a first-semester freshmen chemistry course.
CHM 1620L	General Chemistry I Lab	Mon/Thurs	1:00 PM - 3:20 PM	Must be taken with CHM 1610	General Chemistry I Lab investigates many of the concepts discussed in CHM 1610 and reenforces the student's applied learning. Must be taken concurrently with CHM 1610.
		Tues/Fri	1:00 PM - 3:20 PM		
COM 1100	Public Speaking	Mon/Thurs	8:00 AM - 10:20 AM	None	A study of communication theory as applicable to public speaking. Students explore the components of an effective speech, as well as current applications of speaking skills. Emphasis will be placed on practicing and displaying these skills in a laboratory setting. Three hours.
		Mon/Tues/Thurs/Fri	11:30 AM - 12:40 PM		
		Tues/Fri	1:00 PM - 3:20 PM		
ENG 1100	Effective Writing	Tues/Fri	8:00 AM - 10:20 AM	None	This course is designed to help you develop and hone the skills necessary for clear and persuasive writing at the college level and beyond. The primary focus of the course is scholarly writing, though we will also explore other genres such as the personal expressive narrative, rhetorical analysis, and position paper. In particular, this course will help you engage complex issues and competing points of view while articulating and supporting an argument using appropriate sources. Three hours.
		Mon/Tues/Thurs/Fri	11:30 AM - 12:40 PM		
		Mon/Thurs	1:00 PM - 3:20 PM		
FRE 1020	Beginning French Language and Culture II	Mon/Tues/Thurs/Fri	11:30 AM - 12:40 PM	FRE 1010 Beginning French Language and Culture I	Students are put in the presence of authentic, unsimplified French and are trained to use it in the dynamic context of communication. Emphasis is placed on oral proficiency, the development of skills, self-expression, and cultural insight. Online laboratory work is required. Three hours.
HIS 2050	American Journeys	Tues	6:00 PM - 9:00 PM	None	In this topical survey of the history of the United States to the end of World War II, students will be introduced to the major issues, broad developments, and perennial questions that cut to the heart of American identity. The course will cover such topics as the ideological origins of the American nation, the historical relationship between state and national sovereignty, race and slavery, sectional tensions and the Civil War, social and religious movements, and the culture wars that continue to impact American society today. Three hours.

Class Options - Fall B (continued)					
Course Code	Class	Day	Time	Pre-Requisites/ Co-Requisites	Course Description
HIS 1380 B	Contemporary America and the World	Mon/Thurs	1:00 PM - 3:20 PM	Can take as second, third, or fourth class	This course is a topical approach to the cultural history of the United States from Cold War to the present, with special emphasis on America's role in global affairs. Students will not only gain a broad understanding of America's place in recent world events but also a specialized knowledge of various topics related to issues of culture, politics, and conflict as well as current events and trends. Three hours.
ISM 1150	Introduction to Computer Systems	Tues/Fri	1:00 PM - 3:20 PM	None	This course exposes students to essential computer science topics including algorithms and introductory programming concepts including sequence, decision, and assignment and iteration. This course assumes to prior knowledge. Three hours.
POS 2200	Introduction to American Government	Mon	6:00 PM - 9:00 PM	None	This introduces students to how the political system in America functions. It focuses on the actual workings of the American government and starts with the cultural and constitutional contexts of American politics. Three hours.
PSY 1100	Introduction to Psychology	Wed	6:00 PM - 9:00 PM	None	An introduction to psychology as the study of human behavior. Basic principles of psychology will be explored including the process of learning, memory, perception, sensation, motivation, and emotion. Personal and social aspects of human development will be emphasized. Three hours.
SED 1000	Teaching School in America	Tues/Fri	8:00 AM - 10:20 AM		An introduction to the profession of teaching. Learning experiences are structured both in and out of the classroom with the purpose of assisting the college student in making career decisions relative to the profession, e.g., to teach or not, at which level, and in which subject area. Students observe in local schools. Three hours.
SED 2200	The School Age Child	Mon/Thurs	8:00 AM - 10:20 AM	Must have received a B- or higher in SED 1000	A study of the learner at all grade levels and the many factors affecting learning, including but not limited to, theories of learning, environment, heredity, cultural impact, discipline, classroom management, exceptionalities, and development. The measurement of academic aptitude and achievement is also covered. Practical application is stressed. Subscription to Chalk & Wire is required.
SPA 1020	Beginning Spanish Language and Culture II	Mon/Tues/Thurs/Fri	11:30 AM - 12:40 PM	SPA 1010 Beginning Spanish Language and Culture I	Students are put in the presence of authentic, unsimplified Spanish and are trained to use it in the dynamic context of communication. Emphasis is placed on oral proficiency, the development of skills, self-expression, and cultural insight. Online laboratory work is required. Three hours.
		Tues/Fri	1:00 PM - 3:20 PM		