

First-Semester Courses Open to First Year Students: 2024-2025 - Randolph College

Session	Course	Sect	Title	CH	GenEd	COURSE DESCRIPTION
01	ARTH 1107	A	HIST OF PHOTOGRPHY	4	AE,CI,HE	Students will explore the cultural history of photography in the United States and Western Europe from the 1830's to the present. Students will investigate debates around photography as fine art, the role of photography in archives, as a scientific tool, and as a medium for social justice. There will be opportunities to examine works at the Maier Museum of Art and in the College archives. Credit hours: 4.
01	ARTS 1100	A	INTRO GRAPHIC DESGN	4	AE	This is an introductory level class which will focus on proficiency in particular media and the development of sustainable studio practices in different areas. The topics in this class will vary from year to year. Credit hours: 4. (AE)
01	ARTS 1103	A	INTRO TO STUDIO ART	4	AE	An introduction to the principles and visual vocabulary of studio art with emphasis on drawing and color using a variety of materials and techniques. Particular attention is given to preparing students for the practice and expectations of a college-level studio art environment and a future of self-sustainable art- making.
01	ASTR 1103	A	INTRO ASTR COSMOLOGY	3	NS,QR	An introduction to astronomy, including naked-eye astronomy, the historical development of astronomical models, and basic astrophysical principles with a focus on astronomy outside of our solar system including surveying the stars, galactic dynamics, and the beginnings and fate of the universe. Credit hours: 3. (NS,QR)
01	ASTR 1103L	A	INT ASTR COSMO LAB	1	NS	Laboratory work and exercises related to topics studied in Astronomy 1103. No previous laboratory experience is assumed. Credit hours: 1. Prerequisite or corequisite: ASTR 1103. (NS)
01	BIOL 1100L	A	BIOL PRINCIPLES LAB	1	NS	An introduction to fundamental principles in biology. Students explore cell structure and function, cell division, genetics, evolution, symbiotic relationships, and biodiversity, and learn basic laboratory techniques. Credit hours: 1. Concurrent enrollment in or previous completion of either BIOL 1103 or 1108. Not open to students who have completed a 2200-level Biology Laboratory. (NS)
01	BIOL 1100L	B	BIOL PRINCIPLES LAB	1	NS	An introduction to fundamental principles in biology. Students explore cell structure and function, cell division, genetics, evolution, symbiotic relationships, and biodiversity, and learn basic laboratory techniques. Credit hours: 1. Concurrent enrollment in or previous completion of either BIOL 1103 or 1108. Not open to students who have completed a 2200-level Biology Laboratory. (NS)

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01	BIOL 1103	A	INTRO BIOLOGY	3	NS	A broad introduction to modern biology. Topics include evolution and the origin of life, biological molecules, cells, genetics, molecular biology, biodiversity, ecology, and current issues in biology. Biology 1100L may be taken concurrently. Credit hours: 3. Only one 1100-level biology lecture course (BIOL 1103 or BIOL 1108) counts towards the biology major. (NS)
01	BUS 1151	A	INTRO TO BUSINESS	4		An introductory course covering current events in American business. Topics include basic theories and practice in the functional areas of accounting, finance, marketing, and management. Additional subject areas include ethics, social responsibility, economic systems, and organizational structure. Credit hours: 4.
01	CHEM 1105	A	GENERAL CHEMISTRY	3	NS,QR	An introductory course presenting atomic and molecular structure and reactions, bonding, stoichiometry, the periodic table, energy relationships, kinetics, equilibrium, acids and bases, and electrochemistry. Credit hours: 3. Corequisite: Chemistry 1105L. Prerequisite: MATH 1119 or equivalent or placement in a higher level math course. (NS,QR)
01	CHEM 1105L	A	GNRL CHEMISTRY LAB	1	NS	Laboratory experiences that supplement and illustrate the concepts presented in Chemistry 1105. Credit hours: 1. Corequisite: Chemistry 1105. (NS)
01	CHIN 2202	A	INTERMEDIATE CHINESE	4	LA	This course focuses on acquisition of practical, oral vocabulary, as well as development of reading skills. In addition, it treats grammatical structures and idiomatic speech. Credit hours: 4. Prerequisite: CHIN 1102. (LA)
01	CRIM 1185	A	INTRO CRIMINOLOGY	4		What is crime? How do we define criminal behavior, and who gets to craft those definitions? How have definitions of and reactions to deviant behavior changed across generations and geographic localities? We will adopt a sociological approach to these and related questions. Key concepts at the root of criminology are: norms and values, deviance and conformity, social order, collective injury, victimization, and punishment. We will explore how these concepts manifest through and interact with various social institutions: economy, education, law, the media, and the criminal justice system. Credit hours: 4.
01	DANC 1133	A	BEG CONTEMP DANCE	0.5	AE,PE	This course introduces students to beginning contemporary dance technique and movement essentials, such as the locomotive movements of walking, running, slipping, and jumping, and the axial movements of bending, twisting, and turning. Credit hours: 0.5. Repeatable for credit. (AE, PE)

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01	DANC 2203	A	COMPOSITION	2	AE	Through classroom study and studio work, students will learn the fundamentals of modern and contemporary dance choreography and develop an awareness of a personal movement vocabulary and style. This course will explore rhythm, design in space, dynamics and motivation, as well as the development of thematic material and the devices used to manipulate that material. Assignments may include prop studies, pre-classic dance forms, site-specific studies, and dance studies set to poetry. Credit hours: 2. Repeatable for credit. Corequisite: a dance technique course. (AE)
01	ECON 1102	A	PRINCIPLES OF MICRO	4	SS	An introduction to the concepts and analytical tools of the economist as related to the microeconomy, which focuses on decision-making at the individual level. This course examines the behavior of consumers, firms, and industries, and their effects on resource allocation. Students study various market structures and gain an understanding of market failure and issues pertaining to the role of government at the microeconomic level. Credit hours: 4
01	EDUC 1101	A	CLT DIV,SCHL,TEACHER	4	SS	Students will develop an understanding of the cultural, historical, philosophical, and sociological foundations underlying the role, development, and organization of public education in the United States. Legal issues related to students and teachers, including federal and state laws, contemporary issues, and current trends in education are studied. Classroom management, roles of teachers and schools in communities, culturally relevant pedagogy, professionalism, and ethical standards will be reviewed and analyzed. Credit hours: 4. (SS)
01	ENGL 1142	A	F. SCOTT & ZELDA	4	AE,WI	How did a disorganized college student become a world-class novelist? This course traces the development of F. Scott Fitzgerald's art through the wide range of his writing, including fiction, nonfiction, poetry, and drama. Attention will be given to his collaboration and competition with Zelda Sayre Fitzgerald, as well as to relevant cultural phenomena such as media celebrity and the rise of Hollywood. Credit hours: 4. (AE,WI)
01	ENGL 1161	A	INTRO CREATV WRITING	4	AE,WI	The writing of poetry, fiction, and plays, focusing upon group discussion of student work. The work of modern and contemporary authors will be used as models for discussions of theme, theory, and technique. Credit hours: 4. (AE, WI)
01	ENGL 2253	A	READING POETRY	4	AE	A study of lyric, narrative, and dramatic verse. Students will discover meaning by examining the formal properties of poetry, including meter, diction, imagery, and tone. Readings will include a range of genres such as epic, elegy, pastoral, and ode. Representative authors may include Spenser, Milton, Wordsworth, Whitman, and Dickinson. Credit hours: 4. (AE)
01	ENGL 2256	A	READING FICTION	4	WI	A study of the short story and the novel with particular attention given to form and technique. Students will explore a variety of narrative types such as picaresque, epistolary, naturalistic, satiric, and experimental. Representative authors may include Voltaire, Austen, Twain, Joyce, García Márquez, and Walker. Credit hours: 4. (WI)

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01	ENGL 2266	A	WRITING FICTION	4	AE,WI	Intensive work in the writing of fiction. Reading of theory along with examples from contemporary fiction writers as models. Primary focus on the workshopping of students' stories. Credit hours: 4. (AE, WI)
01	ENGL 2277	A	SHAKESPEARE	4	AE,WI	An introductory course dealing with the principles of Renaissance stagecraft, the nature of performance, the construction and themes of the plays, and the concept of genre or type. Representative plays in all genres from throughout Shakespeare's career. Identical with THTR 2277. Credit hours: 4. (AE, WI)
01	EVST 1101	A	ENVIRONMENTAL SYS	4	CI	A natural science-based introduction to current environmental issues and the science central to understanding them, including scientific method, systems theory, principles of critical thinking, sustainability basics, population dynamics, biogeochemical cycles, water and air pollution, energy resources, and global climate change. The course combines informational lectures, readings, and media with in-class activities, discussion, case study analysis, and field work opportunities designed to highlight the diversity of environment-related problems and the importance of critical thinking and scientific analysis. Credit hours: 4. (CI)
01	FAV 2222	A	VIDEO PRODUCTION I	4		An introduction to basic video/film/audio production. Students will learn the basics of operating a video camera, how to capture video and audio, and how to edit video and audio to tell a story. The course will also introduce students to the process of storyboarding and production planning. Credit hours: 4.
01	HIST 1111	A	INTRO PUBLIC HISTORY	4	HE	What is public history, and why does it matter? Who authors the narratives found on historical markers, memorials, and in museum exhibits? How do these public media shape our collective consciousness? This course draws from the historical, theoretical, and practical applications of the field through readings, discussions, lectures, and field trips. Credit hours: 4. (HE)
01	HIST 1141	A	US COLONIAL TO PRES	4	CI,HE	This course provides a historical perspective on major themes in US history from the colonial period to the present. It does not offer a comprehensive survey but will provide historical background on many important topics, including foreign policy, race relations, labor, immigration, social policy, and social movements. Students will learn how to read, use, and evaluate a wide range of primary historical sources. They will identify different methods of historical inquiry and gain an appreciation for how history structures our daily lives. Credit hours: 4 credits. (CI, HE)
01	MATH 1109	A	INTRO QUANT REASON	4	QR	This course presents mathematical ideas in a real world context. Topics covered include critical thinking and problem solving, the mathematics of finance, basic statistical principles, mathematics and the arts, and the theory of voting. Credit hours: 4. (QR)

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01	MATH 1149	A	CALCULUS I	4	QR	Limits, continuity, and differentiation of algebraic functions of one variable. Applications to curve sketching, optimization, and rates of change. The definite integral applied to finding the area under a curve. Credit hours: 4. Prerequisite: MATH 1118 or MATH 1119 or the equivalent. (QR)
01	MATH 2227	A	ELEM APPL STATS	4	QR	An introduction to statistics, including probability, binomial distributions, normal distributions, sampling theory, testing hypotheses, chi-square tests, and linear regression. Credit hours: 4. Not open to students who have satisfactorily completed MATH 3343. A student may receive credit for two of these courses: ECON 2227, MATH 2227, POL 2231, PSYC 2227, or SOC 3395. (QR)
01	MUSC 1104	A	THRY/MUSICIANSHP I	4	AE	An introduction to the terms, structures, and functions of music. After a review of fundamentals, students will study harmonic function, cadences, non-chord tones, part-writing (including melodic analysis and harmonization), and diatonic harmonic analysis. Students will also engage in ear training and sight singing studies designed to provide aural understanding and practical application of theoretical knowledge. Credit hours: 4. (AE).
01	MUSC 1131	A	VOICE	1	AE	Credit hours: 1. Prerequisite: by audition only. Lesson Fee.
01	MUSC 1133	A	CHORALE I	0.5	AE	A major performing ensemble which presents sacred and secular choral music of all periods. Concerts include Showcases, Candlelight Concert and Spring Concert, and occasional shorter, community performances. Credit Hours: 0.5. Prerequisite: by audition only. (AE)
01	MUSC 1147	A	PIANO	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
01	MUSC 1149	A	ORGAN	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
01	MUSC 1151A	A	STRINGS:VIOLIN	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
01	MUSC 1151B	A	STRINGS:VIOLA	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
01	MUSC 1151C	A	STRINGS:CELLO	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
01	MUSC 1151D	A	HARP	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
01	MUSC 1151E	A	STRINGS: BASS	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)

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01	MUSC 1159	A	GUITAR	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
01	MUSC 1161A	A	WOODWINDS:FLUTE	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
01	MUSC 1161B	A	WOODWINDS:CLARINET	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
01	MUSC 1161C	A	WOODWINDS:OBOE	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
01	MUSC 1161D	A	WOODWINDS:BASSOON	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
01	MUSC 1161E	A	WOODWINDS:SAX	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
01	MUSC 1163A	A	BRASS: FRENCH HORN	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
01	MUSC 1163B	A	BRASS: TRUMPET	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
01	MUSC 1163C	A	BRASS: TROMBONE	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
01	MUSC 1163D	A	BRASS:TUBA/EUPH	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
01	MUSC 1165	A	DRUMSET	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
01	MUSC 1167	A	PERCUSSION	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
01	MUSC 1172	A	CHAMBER ORCHESTRA	0.5	AE	Concerts may include Showcases, Candlelight Concert, and Spring Concert. Credit Hours: 0.5. Prerequisite: by audition only. Repeatable for credit. (AE)
01	MUSC 2209	A	COMPOSITION	1		An exploration of musical composition through the elements of melody, harmony, rhythm, orchestration, and form. Projects include creating new musical works for various solo instruments, voices, and ensembles. Instruction is conducted by individual private lessons. May be repeated. Credit hours: 1. Prerequisite: MUSC 1104. Lesson fee.

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01	MUSC 2227	A	WOMEN IN MUSIC	4	CI,HE	A survey of the roles and achievements of women in the history of Western music. Students will consider social and historical perspectives, examining how attitudes have developed toward women in music and how women have achieved renown in the field. Study of classical music genres will comprise the first portion of the class, exploring women as performers, composers, teachers, conductors, and patrons. The latter portion will cover contemporary genres: pop, rock, jazz, blues, folk, country, and rap/hip-hop. Credit hours: 4. Prerequisites: sophomore standing or permission of instructor. (CI, HE)
01	P ED 1105	A	YOGA	0.5	PE	Credit hours: .5. (PE)
01	P ED 1110	A	FITNESS WALKING	0.5	PE	Credit hours: .5. (PE)
01	P ED 1117	A	WEIGHT TRAINING	0.5	PE	Credit hours: .5. (PE)
01	P ED 1118	A	ORGANIC GARDENING	0.5	PE	Credit hours: .5. (PE)
01	P ED 1125	A	BEGINNING TENNIS	0.5	PE	Credit hours: .5. (PE)
01	P ED 1146	A	BEGINNING FENCING	0.5	PE	Credit hours: .5. Additional fee. (PE)
01	P ED 4425	A	TENNIS TEAM	0.5	PE	Credit hours: .5 per session of participation. Prerequisite: permission of the instructor. (PE)
01	P ED 4432	A	SWIM TEAM	0.5	PE	Credit hours: .5 per session of participation. Prerequisite: permission of the instructor. (PE)
01	P ED 4433	A	VB TEAM - WOMEN	0.5	PE	Credit hours: .5 per session of participation. Prerequisite: permission of the instructor. (PE)
01	P ED 4434	A	SOCCER TEAM	0.5	PE	Credit hours: .5 per session of participation. Prerequisite: permission of the instructor. (PE)
01	P ED 4434	B	SOCCER TEAM	0.5	PE	Credit hours: .5 per session of participation. Prerequisite: permission of the instructor. (PE)
01	P ED 4435	A	CROSS COUNTRY TEAM	0.5	PE	Credit hours: .5 per session of participation. Prerequisite: permission of the instructor. (PE)
01	P ED 4435	B	CROSS COUNTRY TEAM	0.5	PE	Credit hours: .5 per session of participation. Prerequisite: permission of the instructor. (PE)
01	PHYS 1102	A	SCIENCE OUTREACH	0.5		This is a hands-on, experiential, cultural learning course for science enthusiasts. Students will build science demonstration apparatuses, learn about the educational benefits, and actually go out in the field and do science demonstration shows and classes in the Lynchburg area. Students will participate in 42 hours of outreach activities per credit hour. Credit hours: .5 or 1. Offered on a Pass/Fail basis only. May be repeated for credit up to a maximum of four credits.

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01	POL 1113	A	INTL RELATIONS	4	SS	Surveys the dominant international relations theories and contemporary forces that shape human, national, and global security. Special attention is given to new players, such as intergovernmental organizations, nongovernmental actors, and civil society, and issues, such as terrorism and the global justice movement, that are giving new shape to the global political environment. Credit hours: 4. (SS)
01	POL 2222	A	GENDER POL ASIA	4	HE,SS	Surveys the ways gender is experienced by women in Asia. Issues covered include sexual and reproductive decision making, domestic violence, human trafficking, son preference, dowry, and honor killing drawn from Asia. The class will also learn how gender issues are treated in their societies and politics and explore how different actors seek solutions to these issues in the context of global politics. Credit hours: 4. Prerequisite: sophomore standing or permission of instructor. (HE, SS)
01	PSYC 1105	A	INTRO TO PSYCHOLOGY	4	SS	This course will survey basic principles of psychology. Topics include history of psychology, research methods, neuroscience and behavior, development through the lifespan, thinking and language, psychological disorders, sensation and perception, states of consciousness, learning, memory, emotions, and social psychology. Additional topics may include motivation, personality, intelligence, health/stress, and therapy. Credit hours: 4. (SS)
01	SES 1163	A	NUTR&FITNESS PERF	4		The course will explore general nutrition with emphasis on how food intake choices relate to health and exercise performance. Special issues such as diabetes; cardiovascular disease; obesity; food allergies; protein, vitamin, and mineral supplementation; weight control; and fad diets will be discussed. Credit hours: 4.
01	SPAN 1101	A	ELMENTARY SPANISH	4	LA	First session: Introduction to the basic phonological and structural patterns. Emphasis on oral-aural skills. Second session: Continuation of Spanish 1101 with increased practice in simple reading and writing. Credit hours: 4, 4. (LA)
01	SPAN 2201	A	INTERMEDIATE SPANISH	4	LA	Continued practice in oral-aural skills. A grammar review designed to strengthen the command of the spoken and written language. Online exercises are used to improve fluency and comprehension. Spanish 2202 is a continuation of Spanish 2201. Credit hours: 4, 4. Prerequisite: SPAN 1102 or placement. (LA)
01	SOC 1114	A	CONTEMP US SOCIETY	4	CI,HE,SS	An introduction to contemporary social life in the United States through a survey of social structures, social interaction, and social change. Topics include the American family, sports, gender inequality, deviance and social control, electronic media, and the evolving concept of community. Credit hours: 4. This course cannot be taken on a Pass/Fail basis for major/minor credit. (CI, HE, SS)

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01	THTR 1107	A	PRODUCTION LAB	1		Practical experience with departmental productions in the area of performance, stage management, technical production, and/or theatrical design. Placement will be decided by an interview by the instructor in conjunction with department faculty and/or assignment to a specific project with a current production. A minimum number of laboratory hours will be required for satisfactory completion of the assignment or project. The amount of laboratory hours shall be based upon the nature of the project and dependent upon the credit hours selected. Credit hours: 1 or 2 (stage management or crew head only). Prerequisite: permission of the Department. Offered on a Pass/Fail basis only. Repeatable for credit.
01	THTR 1107	B	PRODUCTION LAB	2		Practical experience with departmental productions in the area of performance, stage management, technical production, and/or theatrical design. Placement will be decided by an interview by the instructor in conjunction with department faculty and/or assignment to a specific project with a current production. A minimum number of laboratory hours will be required for satisfactory completion of the assignment or project. The amount of laboratory hours shall be based upon the nature of the project and dependent upon the credit hours selected. Credit hours: 1 or 2 (stage management or crew head only). Prerequisite: permission of the Department. Offered on a Pass/Fail basis only. Repeatable for credit.
01	THTR 2277	A	SHAKESPEARE	4	AE,WI	An introductory course dealing with the principles of Renaissance stagecraft, the nature of performance, the construction and themes of the plays, and the concept of genre or type. Representative plays in all genres from throughout Shakespeare's career. Identical with THTR 2277. Credit hours: 4. (AE, WI)
02	ARTH 1101	A	ART BEFORE 1400	4	AE,HE	Beginning with the very first evidence of human expression, students in this course explore the art and architecture of Western civilization. Students will acquire visual and critical skills that will allow them to understand how works were made and what messages they conveyed to their prehistoric, ancient and medieval audiences. Credit hours: 4. (AE, HE)
02	ARTH 2243	A	19 C EUROPEAN ART	4	AE,HE	This course analyzes major trends in European art from 1770 to 1900, from Neo-Classicism and Romanticism, to Realism and Post-Impressionism. Students will consider the shifting roles and definitions of art and the artist during a time of frequent revolutions, imperialist and capitalist expansion, rapid industrialization, urban development, and shifting social and cultural norms pertaining to gender, race, and class. Credit hours: 4. Prerequisite: sophomore standing or permission of instructor. (AE, HE)
02	ARTS 1100	A	INTRO ILLUSTRATION	4	AEA	This is an introductory level class which will focus on proficiency in particular media and the development of sustainable studio practices in different areas. The topics in this class will vary from year to year. Credit hours: 4. (AE)

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02	ARTS 1100	B	INTRO ANIMAL DRAWNG	4	AEB	This is an introductory level class which will focus on proficiency in particular media and the development of sustainable studio practices in different areas. The topics in this class will vary from year to year. Credit hours: 4. (AE)
02	ARTS 1103	A	INTRO TO STUDIO ART	4	AE	An introduction to the principles and visual vocabulary of studio art with emphasis on drawing and color using a variety of materials and techniques. Particular attention is given to preparing students for the practice and expectations of a college-level studio art environment and a future of self-sustainable art- making. Credit hours: 4. (AE)
02	BIOL 1100L	C	BIOL PRINCIPLES LAB	1	NS	An introduction to fundamental principles in biology. Students explore cell structure and function, cell division, genetics, evolution, symbiotic relationships, and biodiversity, and learn basic laboratory techniques. Credit hours: 1. Concurrent enrollment in or previous completion of either BIOL 1103 or 1108. Not open to students who have completed a 2200-level Biology Laboratory. (NS)
02	BIOL 1100L	D	BIOL PRINCIPLES LAB	1	NS	An introduction to fundamental principles in biology. Students explore cell structure and function, cell division, genetics, evolution, symbiotic relationships, and biodiversity, and learn basic laboratory techniques. Credit hours: 1. Concurrent enrollment in or previous completion of either BIOL 1103 or 1108. Not open to students who have completed a 2200-level Biology Laboratory. (NS)
02	BIOL 1103	B	INTRO BIOLOGY	3	NS	A broad introduction to modern biology. Topics include evolution and the origin of life, biological molecules, cells, genetics, molecular biology, biodiversity, ecology, and current issues in biology. Biology 1100L may be taken concurrently. Credit hours: 3. Only one 1100-level biology lecture course (BIOL 1103 or BIOL 1108) counts towards the biology major. (NS)
02	CHEM 1106	A	GNRL CHEMISTRY II	3	NS,QR	An introductory course presenting atomic and molecular structure and reactions, bonding, stoichiometry, the periodic table, energy relationships, kinetics, equilibrium, acids and bases, and electrochemistry. Credit hours: 3. Corequisite: Chemistry 1106L. Prerequisite: MATH 1119 or equivalent, or placement in a higher level math course. (NS,QR)
02	CHEM 1106L	A	GNRL CHEM II LAB	1	NS	Laboratory experiences that supplement and illustrate the concepts presented in Chemistry 1106. Credit hours: 1. Corequisite: Chemistry 1106. (NS)
02	CHIN 1101	A	ELEMENTARY CHINESE	4	LA	An introduction to modern Chinese (Mandarin), emphasizing correct pronunciation, conversational skills, basic grammar, and reading and writing. Credit hours: 4. (LA)

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02	CLAS 1132	A	CLASSICL MYTHOLOGY	4	HE,WI	An investigation into the nature and uses of myth in both ancient Greek and Roman cultures. Topics include the social significance of myth, the use of myth in art and literature, and the influence of Greco-Roman myth on Western civilization. Credit hours: 4.
02	CPHL 1165	A	FAITH AND DOUBT	4	HE	Is 'faith' a desperate pitch to gain influence over a world ill-suited to human desires? Is it a by-product of fear, resentment, wishful thinking, and/or a primitive stage in human intellectual development? Is it immoral? Is it coherent? This course investigates several historically significant instances of 'doubt' as representative of four general approaches to the critique of 'faith.' Special attention to repercussions for believers and to responses and strategies of response to critics. Credit hours: 4. (HE)
02	CPHL 1168	A	DEATH DYING	4	CI,HE	What happens after we die? Is death an end, an interruption, or a beginning? How should the living relate to the dead? This course explores several Asian religions' answers to these questions. By surveying a variety of beliefs, rituals, and cultural practices about death and the afterlife, this course demonstrates how views about death intimately shape our understanding of life. Credit hours: 4. (CI,HE)
02	CRIM 2285	A	RACE, CLASS, CRIME	4		"Despite a veneer of neutrality, race-based and class-based double standards operate in virtually every criminal justice setting, including police behavior, jury selection, and sentencing." This sentence appears on the .gov website of the U.S. Department of Justice. In this course we will examine this claim: what does the U.S. Department of Justice mean when it says "double standards operate in virtually every criminal justice setting?" How have these inequalities taken different forms in different eras of history? What legal and political actions have affected them? In this course we will examine how the social institutions of race and class shape crime—how it is defined, how it occurs, how it is treated and punished, and how its harms might be reduced. Credit hours: 4.
02	CSCI 1151	A	COMPTR PROGRAM I	3		An introduction to computers and computer programming. Emphasis will be placed on problem-solving with examples and exercises from social, natural, and mathematical sciences. Techniques of flowcharting and structured programming, development of algorithms, and types of computer hardware will also be discussed. Intended for students with no previous programming experience. Credit hours: 3. A student may not receive credit for this course after taking CSCI 1156 or its equivalent.
02	CSCI 1151L	A	COMP PROG I LAB	1		Hands-on application of the topics studied in CSCI 1151. Credit hours: 1. Prerequisite or Corequisite: CSCI 1151 or the equivalent.
02	DANC 1134	A	BEGINNING BALLET	0.5	AE,PE	This course introduces students to the foundations of ballet technique. Credit hours: 0.5. Repeatable for credit. (AE, PE)

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02	ECON 1101	A	PRINCIPLES OF MACRO	4	SS	An introduction to the concepts and analytical tools of the economist. The frame of reference is the macroeconomy. Working with a variety of economic models, attention is focused on issues like the business cycle, interest rates, inflation, deflation, the stock market, Federal Reserve policy-making, government policy, and international trade. Hands-on research projects help students to make connections between economic theory and the real world. Credit hours: 4.
02	ECON 1101	A	PRINCIPLES OF MACRO	4	SS	An introduction to the concepts and analytical tools of the economist. The frame of reference is the macroeconomy. Working with a variety of economic models, attention is focused on issues like the business cycle, interest rates, inflation, deflation, the stock market, Federal Reserve policy-making, government policy, and international trade. Hands-on research projects help students to make connections between economic theory and the real world. Credit hours: 4.
02	EDUC 1108	A	EDUC PSY & HUM DEVEL	4	SS	Students will gain an understanding of the physical, social, emotional, speech and language, and intellectual development of children and the ability to use this understanding in guiding learning. Topics include the teacher's role in motivation, emotional development of learners, and an analysis of the teaching-learning situation including the dynamics of interaction, classroom management, guidance, and instruction preK-112. Credit hours: 4. (SS)
02	EDUC 2213	A	GLOB SOC & MULTCUL	4	CI	This course will focus on diversity in schools and society and the interrelated concepts of culture, worldview, and race/ethnicity. Students will analyze areas of concern teachers express about working with diverse students, multicultural education, and how our own cultural orientations can impact how we interact with those from other cultures. Credit hours: 4.
02	ENGL 1111	A	Reading Gender	4	AE,CI,WI	Literature both expresses and explores identity, of which gender is an essential component. This course considers the ways that historical and cultural notions of gender shape literary narratives, as well as the ways that notions of gender operate to constrain and/or liberate literary creativity. Thematic topics vary; recent iterations include "US Women Regionalists," "Science/Fiction," and "Sanity and Spaces." Emphasis on critical approaches and the writing of textual analysis. Credit hours: 4. (AE, CI, WI)
02	ENGL 1112	A	SPORTS LITERATURE	4	AE,WI	Walt Whitman said of baseball, it "belongs as much to our institutions, fits into them as significantly as our constitutions." This course examines sports as subject for both analytical and imaginative writing. Students read works that present an American identity through sport, the tension between being self-reliant and playing for the team; or, as Whitman would have it, "the snap, go, fling of the American atmosphere." Credit hours: 4. (AE,WI)
02	ENGL 2263	A	WRITING POETRY	4	AE,WI	Intensive work in the writing of poetry. Reading of theory along with examples from contemporary poets as models. Primary focus on the workshopping of students' poems. Credit hours: 4. (AE, WI)

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02	ENGR 1105	A	INTRODUCTION TO ROBOTICS AND MECHATRONICS	4		Mechatronics is a multidisciplinary field that refers to the skill sets needed in the contemporary, advanced automated manufacturing industry. At the intersection of mechanics, electronics, and computing, mechatronics specialists create simpler, smarter systems. This course provides foundational concepts in mechatronics including analog and digital electronics, sensors, actuators, microprocessors, and microprocessor interfacing to electromechanical systems.
02	FAV 2252	A	DOCU RESEARCH	4		This course introduces students to the processes of research, planning, interviewing, writing, and gathering of visual elements to tell a compelling story with integrity and responsibility toward the subject. Students will explore issues related to documentary “truth” and the ethics of representation. Pre-requisite: FAV 2222. Credit hours: 4.
02	GEO 2203	A	SURVEY WORLD GEO	4	CI	This course encompasses a study of geography throughout the major regions of the world. Attention is given to the physical processes that shape the surface of the earth and to the relationship between human activity and the physical environment. In addition, the course will explore how political forces influence the division and control of the earth’s resources. Maps, along with other geographic representations, tools, and techniques, will be used to demonstrate critical analysis of techniques for representation and presentation of information. Identical with POL 2205. Credit hours: 4. Prerequisite: sophomore standing or permission of instructor (CI)
02	HIST 1123	A	EAST ASIA TO 1600	4	CI,HE	A survey of the civilizations of China, Japan, and Korea from roughly 2000 BCE to 1600 CE. Credit hours: 4. (CI, HE)
02	HIST 1185	A	JAPN ANIME GLOBAL	4	CI,HE	This course traces the evolution of Japanese anime and manga from their inception to their emergence as a global cultural phenomenon. We will explore how Japanese cultural themes have been vividly depicted on screen as Japan went through tumultuous years of imperial expansion, global war, and technological revolution. Specific examples of anime and manga by influential artists will be analyzed. Credit hours: 4. (CI, HE)
02	LATN 2202	A	INTERMEDIATE LATIN	4	LA	Students read a selection of unabridged Latin prose and poetry with special attention to fluid translation and comprehension. Coursework will include review of basic grammar and syntax and introductions to the variations of Latin style and meter. Credit hours: 4. Prerequisite: two or three high school entrance units in Latin, LATN 1102, or placement. (LA)
02	MAC 1101	A	MEDIA CULTURE POWER	4	CI,HE,WI	This course investigates the way that individuals and communities use various forms of media to negotiate identity. It explores representations of race, class, gender and sexuality, paying specific attention to the workings of power in the media industry. Students examine such media as film, television, music, advertisements, and public discourse and gain experience with different kinds of writing about media. Credit hours: 4 (CI,HE,WI)

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02	MAC 1101	H	MEDIA CULTURE POWER	4	CI,HE,WI	This course investigates the way that individuals and communities use various forms of media to negotiate identity. It explores representations of race, class, gender and sexuality, paying specific attention to the workings of power in the media industry. Students examine such media as film, television, music, advertisements, and public discourse and gain experience with different kinds of writing about media. Credit hours: 4 (CI,HE,WI)
02	MATH 1117	A	PRECAL ELEM MODELING	4	QR	Relations defined algebraically, graphically, and numerically. Functions, including polynomial, rational, trigonometric, exponential, and logarithmic. Applications, including modeling. Algebraic techniques and a review of basic geometric relationships. Credit hours: 4. Not open to students who have been placed into MATH 1119 or above, except by permission of the Department. (QR)
02	MATH 1119	A	PRECALCULUS	4	QR	A study of the properties of various functions, including polynomial, trigonometric, exponential, and logarithmic. Analytic geometry of conic sections. Credit hours: 4. Not open to students who have been placed into MATH 1149 or above, except by permission of the Department. (QR)
02	MATH 2208	A	ELEM & MID SCH MATH	4	QR	Introduces elementary problem solving with emphasis on the nature of numbers and the structure of the real number system. Topics studied include the structure and properties of number systems and of Euclidean Geometry applicable in elementary and middle school classrooms. This course is open to all students and required of students seeking elementary education licensure. Credit hours: 4. (QR)
02	MSCI 1101	A	INTRO MARINE SCIEN	4	QR	This course will provide a broad overview of marine systems focusing on the physical processes controlling marine and coastal systems, such as waves and tides, the chemistry of seawater, and light in marine environments, and how these processes impact productivity. The course will also highlight major threats to marine ecosystems such as the impact of fisheries and ocean acidification. Credit hours: 4. (QR)
02	MUSC 1105	A	THRY/MUSICIANSHP II	4	AE	Continued study of harmonic analysis and part-writing in diatonic harmony. Course material includes harmonic progression, cadences, counterpoint, and an introduction to analysis of form and compositional procedures. Students will also engage in ear training and sight singing studies designed to provide aural understanding and practical application of theoretical knowledge. Prerequisite: MUSC 1104. Credit hours: 4. (AE).
02	MUSC 1131	A	VOICE	1	AE	Credit hours: 1. Prerequisite: by audition only. Lesson Fee. (AE)
02	MUSC 1133	A	CHORALE I	0.5	AE	A major performing ensemble which presents sacred and secular choral music of all periods. Concerts include Showcases, Candlelight Concert and Spring Concert, and occasional shorter, community performances. Credit Hours: 0.5. Prerequisite: by audition only. (AE)

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02	MUSC 1147	A	PIANO	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
02	MUSC 1149	A	ORGAN	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
02	MUSC 1151A	A	STRINGS:VIOLIN	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
02	MUSC 1151B	A	STRINGS:VIOLA	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
02	MUSC 1151C	A	STRINGS:CELLO	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
02	MUSC 1151D	A	HARP	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
02	MUSC 1151E	A	STRINGS: BASS	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
02	MUSC 1159	A	GUITAR	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
02	MUSC 1161A	A	WOODWINDS:FLUTE	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
02	MUSC 1161B	A	WOODWINDS:CLARINET	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
02	MUSC 1161C	A	WOODWINDS:OBOE	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
02	MUSC 1161D	A	WOODWINDS:BASSOON	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
02	MUSC 1161E	A	WOODWINDS:SAX	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
02	MUSC 1163A	A	BRASS: FRENCH HORN	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
02	MUSC 1163B	A	BRASS: TRUMPET	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
02	MUSC 1163C	A	BRASS: TROMBONE	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
02	MUSC 1163D	A	BRASS:TUBA/EUPH	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
02	MUSC 1165	A	DRUMSET	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)

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02	MUSC 1167	A	PERCUSSION	1	AE	Credit hours: 1. Prerequisite: permission of Program Head. Lesson fee. (AE)
02	MUSC 1172	A	CHAMBER ORCHESTRA	0.5	AE	Concerts may include Showcases, Candlelight Concert, and Spring Concert. Credit Hours: 0.5. Prerequisite: by audition only. Repeatable for credit. (AE)
02	MUSC 2209	A	COMPOSITION	1		An exploration of musical composition through the elements of melody, harmony, rhythm, orchestration, and form. Projects include creating new musical works for various solo instruments, voices, and ensembles. Instruction is conducted by individual private lessons. May be repeated. Credit hours: 1. Prerequisite: MUSC 1104. Lesson fee.
02	P ED 1105	A	YOGA	0.5	PE	Credit hours: .5. (PE)
02	P ED 1117	A	WEIGHT TRAINING	0.5	PE	Credit hours: .5. (PE)
02	P ED 1135	A	TAI CHI	0.5	PE	Credit hours: .5. (PE)
02	P ED 4430	A	BASKETBALL TEAM	0.5	PE	Credit hours: .5 per session of participation. Prerequisite: permission of the instructor. (PE)
02	P ED 4430	B	BASKETBALL TEAM	0.5	PE	Credit hours: .5 per session of participation. Prerequisite: permission of the instructor. (PE)
02	P ED 4431	A	WRSTLNG TEAM-WOMEN	0.5	PE	This course is for members of the intercollegiate wrestling team. Credit hours: .5. (PE)
02	P ED 4431	B	WRESTLING TEAM-MEN	0.5	PE	This course is for members of the intercollegiate wrestling team. Credit hours: .5. (PE)
02	P ED 4432	A	SWIM TEAM	0.5	PE	Credit hours: .5 per session of participation. Prerequisite: permission of the instructor. (PE)
02	P ED 4433	A	VB TEAM - WOMEN	0.5	PE	Credit hours: .5 per session of participation. Prerequisite: permission of the instructor. (PE)
02	P ED 4434	A	SOCCER TEAM	0.5	PE	Credit hours: .5 per session of participation. Prerequisite: permission of the instructor. (PE)
02	P ED 4434	B	SOCCER TEAM	0.5	PE	Credit hours: .5 per session of participation. Prerequisite: permission of the instructor. (PE)
02	P ED 4435	A	CROSS COUNTRY TEAM	0.5	PE	Credit hours: .5 per session of participation. Prerequisite: permission of the instructor. (PE)
02	P ED 4435	B	CROSS COUNTRY TEAM	0.5	PE	Credit hours: .5 per session of participation. Prerequisite: permission of the instructor. (PE)

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02	PHYS 1102	A	SCIENCE OUTREACH	0.5		This is a hands-on, experiential, cultural learning course for science enthusiasts. Students will build science demonstration apparatuses, learn about the educational benefits, and actually go out in the field and do science demonstration shows and classes in the Lynchburg area. Students will participate in 42 hours of outreach activities per credit hour. Credit hours: .5 or 1. Offered on a Pass/Fail basis only. May be repeated for credit up to a maximum of four credits.
02	PHYS 2256	A	GREEN ENGR DESIGN	4		Rising energy prices. Climate change. Massive oil spills. Engineering design is the process of devising a system to meet a need, and green engineering – one of the fastest growing fields in the US – addresses these pressing issues and more that are pertinent to our planet today. This course is meant to be a general introduction to the field of engineering, and students will be given a chance to see first-hand how engineers design power plants, buildings, and transportation to be cleaner and more energy efficient. Credit hours: 4. Prerequisite: one session of any science.
02	POL 1101	A	AMERICAN POLITICS	4	SSA	An examination of the American political system through an analysis of the political culture, Constitution, party and interest group structure, governmental institutions, and the decision-making process in the United States. Credit hours: 4. (SS)
02	POL 2201	A	TRAFFICKING	4	SS	The course explores aspects of interdependency between global and domestic politics through the lens of global trafficking issues including sex, marriage, drugs, minerals, money weapons, wildlife, cultural properties, organs, and others. The focus will be on how forces of globalization are shaping human lives and numerous state and non-state actors are setting global agenda. The course is open to all students. Those intending to major in global studies will learn about the options for their focus area. Credit hours: 4. Prerequisite: Sophomore standing. (SS)
02	POL 2205	A	SURVEY WORLD GEO	4	CI	This course encompasses a study of geography throughout the major regions of the world. Attention is given to the physical processes that shape the surface of the earth and to the relationship between human activity and the physical environment. In addition, the course will explore how political forces influence the division and control of the earth's resources. Maps, along with other geographic representations, tools, and techniques, will be used to demonstrate critical analysis of techniques for representation and presentation of information. Credit hours: 4. Prerequisite: sophomore standing or permission of instructor. Identical with POL 2205. (CI)
02	PSYC 1105	A	INTRO TO PSYCHOLOGY	4	SS	This course will survey basic principles of psychology. Topics include history of psychology, research methods, neuroscience and behavior, development through the lifespan, thinking and language, psychological disorders, sensation and perception, states of consciousness, learning, memory, emotions, and social psychology. Additional topics may include motivation, personality, intelligence, health/stress, and therapy. Credit hours: 4. (SS)

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02	SES 1161	A	INTRO ATHLETIC TRAIN	4		An introductory course that explores a variety of common athletic injuries and focuses on prevention, care, and rehabilitation. Other issues such as fitness, nutrition, and psychological effects of injury will be briefly discussed. Laboratory experience in taping and first-aid techniques will be included. Credit hours: 4.
02	SES 1165	A	LIFETIME WELLNESS	4		This course introduces various dimensions of wellness including lifestyle choices that directly influence physical and emotional health. Health issues such as diabetes, cancer, coronary artery disease, stress, weight control, environmental health, and substance abuse will be discussed in the realm of prevention and recognition of effects on total wellness. Credit hours: 4.
02	SPAN 1102	A	ELEMENTARY SPANISH	4	LA	First session: Introduction to the basic phonological and structural patterns. Emphasis on oral-aural skills. Second session: Continuation of Spanish 1101 with increased practice in simple reading and writing. Credit hours: 4, 4. (LA)
02	SOC 1114	A	CONTEMP US SOCIETY	4	CI,HE,SS	An introduction to contemporary social life in the United States through a survey of social structures, social interaction, and social change. Topics include the American family, sports, gender inequality, deviance and social control, electronic media, and the evolving concept of community. Credit hours: 4. This course cannot be taken on a Pass/Fail basis for major/minor credit. (CI, HE, SS)
02	THTR 1107	A	PRODUCTION LAB	1		Practical experience with departmental productions in the area of performance, stage management, technical production, and/or theatrical design. Placement will be decided by an interview by the instructor in conjunction with department faculty and/or assignment to a specific project with a current production. A minimum number of laboratory hours will be required for satisfactory completion of the assignment or project. The amount of laboratory hours shall be based upon the nature of the project and dependent upon the credit hours selected. Credit hours: 1 or 2 (stage management or crew head only). Prerequisite: permission of the Department. Offered on a Pass/Fail basis only. Repeatable for credit.
02	THTR 1107	B	PRODUCTION LAB	2		Practical experience with departmental productions in the area of performance, stage management, technical production, and/or theatrical design. Placement will be decided by an interview by the instructor in conjunction with department faculty and/or assignment to a specific project with a current production. A minimum number of laboratory hours will be required for satisfactory completion of the assignment or project. The amount of laboratory hours shall be based upon the nature of the project and dependent upon the credit hours selected. Credit hours: 1 or 2 (stage management or crew head only). Prerequisite: permission of the Department. Offered on a Pass/Fail basis only. Repeatable for credit.

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02	THTR 1111	A	STAGECRAFT	4	AE	An introduction to stage scenery, theatrical technology, terminology, and common standards and practices. The methodology and engineering of scenic and technical elements will be introduced. Students will develop an informed appreciation of theatrical productions and technical theatre professions. Formal and self-scheduled laboratories provide hands-on learning with departmental productions. Credit hours: 4. (AE)
02	THTR 1123	A	BEGINNING ACTING	4	AE	This course explores the process of preparing for a role. Through improvisational exercises and scene study, students explore approaches to the creative state, discovering physical actions, defining simple objectives, developing powers of observation, character development, expressing the super-objective, communicating subtext and the magic if. The course culminates in a final scene presentation. Credit hours: 4. (AE)
02	WRIT 1103	A	WRITING IN COLLEGE	4	WR	WRIT 1103 is an introduction to writing at the college level, with attention to using English correctly and effectively, thinking analytically, identifying audiences, finding and evaluating source materials, developing an arguable thesis and supporting it with evidence, and using disciplinary conventions for citation and documentation. Guided practice in generating, revising, and editing drafts of essays. Credit hours: 4. This course cannot be taken on a Pass/Fail basis. (WR)