

the student's major field of study or related field of interest. Students will be involved in developing their final products through each stage of the full project lifecycle, including research, planning, design, implementation and maintenance/reflection. Prerequisites: ENG 212, ART 263, CIS 310, CIS 320.

Music

Chair, Department of Music: Professor D. Bragg
 Professors: Erdmann, Fischer
 Associate Professor: K. Lee
 Assistant Professors: Coppedge, Futrell, Metzger
 Instructor: LaRocco
 Professor Emeritus: Artley
 Lecturer: Butler-Cornelius
 Adjuncts: M. Bragg, Carter, Celona, Cykert, Dharamraj, Dollak, Dula, Everette, Hogan, Henderson, R. King, McMillian, Newton, Novine-Whitaker, Sullivan, Van Ord
 Artist-in-Residence: Metzger

The Department of Music at Elon University offers three music degrees. The B.S. in Music Education is for those students who wish to teach in elementary, middle or high school music programs. The program is a collaborative effort between the Department of Music and the Department of Education. The A.B. in Music Performance is for those students who wish to emphasize the study of instrumental or vocal music. Students in this program will be expected to become accomplished performers while developing a solid base in theory and history. The A.B. in Music is primarily for those students who do not wish to concentrate on a performance area or who wish to double major in another liberal arts department. Students in this program will have a continuing background in musical performance through participation in ensembles of their choice and private lessons.

An audition is required for acceptance into this program.

A major in Music requires the following courses:

MUS 111	The Materials of Music I	3 sh
MUS 112	The Materials of Music II	3 sh
MUS 113	Aural Skills I	1 sh
MUS 114	Aural Skills II	1 sh
MUS 211	The Materials of Music III	3 sh
MUS 212	The Materials of Music IV	3 sh
MUS 213	Aural Skills III	1 sh
MUS 214	Aural Skills IV	1 sh
MUS 154	Piano Class I	1 sh
MUS 155	Piano Class II	1 sh
MUS 315	The Music of Ancient Times Through Baroque	4 sh
MUS 316	Classic and Romantic Music	4 sh
MUS 495	Senior Seminar	2 sh

In addition, each music major must complete:

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|---|---------|
| (a) Eight semester hours Music electives at 300–400 level | 8 sh |
| (b) Six semesters of applied music lessons | 6–10 sh |

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|---|------|
| (c) Ensembles | 4 sh |
| Concert attendance and departmental recital attendance as outlined in the Music Student Handbook. | |

TOTAL **46-50 sh**

An audition is required for acceptance into this program.

A major in Music Education requires the following courses:

MUS 111	The Materials of Music I	3 sh
MUS 112	The Materials of Music II	3 sh
MUS 113	Aural Skills I	1 sh
MUS 114	Aural Skills II	1 sh
MUS 211	The Materials of Music III	3 sh
MUS 212	The Materials of Music IV	3 sh
MUS 213	Aural Skills III	1 sh
MUS 214	Aural Skills IV	1 sh
MUS 313	Form and Analysis	2 sh
MUS 315	The Music of Ancient Times Through Baroque	4 sh
MUS 316	Classic and Romantic Music	4 sh
MUS 361	Percussion Techniques	1 sh
MUS 362	Brass Techniques	1 sh
MUS 363	Woodwind Techniques	1 sh
MUS 364	String Techniques	1 sh
MUS 365	Choral Techniques	1 sh
MUS 366	Conducting	2 sh
MUS 411	Instrumental and Choral Arranging	2 sh
MUS 413	Twentieth Century Techniques	2 sh
MUS 461	Music Education in the Public Schools	4 sh

In addition, each Music Education major must complete:

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|--|-------|
| (a) Applied music lessons, at least one semester at 300 level | 12 sh |
| (b) Half-recital accepted by music faculty | |
| (c) Ensemble from Music 101, 102, 103, 105 and 109
(Instrumental majors must complete two semesters of MUS 109) | 8 sh |
| (d) Keyboard proficiency | |

Concert attendance and departmental recital attendance as outlined in the Music Student Handbook.

TOTAL **61 sh**

In addition, vocal majors must take MUS 258, Diction for Singers I and MUS 259, Diction for Singers II.

The music student must also complete the required professional education courses and observe the requirements for the teacher education program as outlined under Education.

An Audition is required for acceptance into this program.

The major in Music Performance requires the following courses:

MUS 111	The Materials of Music I	3 sh
MUS 112	The Materials of Music II	3 sh
MUS 113	Aural Skills I	1 sh
MUS 114	Aural Skills II	1 sh
MUS 211	The Materials of Music III	3 sh
MUS 212	The Materials of Music IV	3 sh
MUS 213	Aural Skills III	1 sh
MUS 214	Aural Skills IV	1 sh
MUS 313	Form and Analysis	2 sh
MUS 315	The Music of Ancient Times Through Baroque	4 sh
MUS 316	Classic and Romantic Music	4 sh
MUS 413	20th Century Techniques	2 sh
MUS 495	Senior Seminar	2 sh

A choice of one of the following: 2 sh

MUS 366	Conducting
MUS 367	Vocal Pedagogy
MUS 369	Methods and Materials of Piano Pedagogy
MUS 411	Instrumental and Choral Arranging

In addition, each Music Performance major must complete:

(a) Applied music lessons, at least one semester at the 400 level	14 sh
(b) Half solo recital at the 300 level	
(c) Full solo recital at the 400 level	
(d) Ensemble from Music 101, 102, 103 and 105	8 sh
(e) Keyboard proficiency	
Concert attendance and departmental recital attendance as outlined in the Music Student Handbook.	

TOTAL 54 sh

In addition, vocal majors must take MUS 258, Diction for Singers I and MUS 259, Diction for Singers II.

An audition is required for acceptance into this program.

A minor in Music requires 20 semester hours. Students lacking functional knowledge of the keyboard must accumulate two semester hours in piano either prior to, or simultaneously with, their enrollment in Music 111 and 112.

The following courses are required:

MUS 111	The Materials of Music I	3 sh
MUS 112	The Materials of Music II	3 sh

A choice of one of the following: 4 sh

MUS 303	Music History for the Liberal Arts Student
MUS 315	The Music of Ancient Times Through Baroque
MUS 316	Classic and Romantic Music
MUS 319	History of American Music

In addition, each Music Minor must complete:

(a) One medium of applied music instruction	6 sh
(b) Ensemble from MUS 101, 102, 103 and 105	4 sh

TOTAL 20 sh

A minor in Jazz Studies requires 24 semester hours.

The following courses are required:

MUS 111	The Materials of Music I	3 sh
MUS 112	The Materials of Music II	3 sh
MUS 113	Aural Skills I	1 sh
MUS 114	Aural Skills II	1 sh
MUS 254	Jazz Improvisation I	1 sh
MUS 255	Jazz Improvisation II	1 sh
MUS 256	Jazz Harmony	2 sh
MUS 318	History of Jazz	4 sh

In addition, each jazz studies minor must complete:

(a) One medium of applied music instruction	4 sh
(b) Ensemble from MUS 104 or 219	4 sh

TOTAL 24 sh

Applied Music: Individual and Group Instruction

Music majors/minors register for the appropriate level and area of applied music study as determined by audition and consultation with their advisor or the department chair. With permission of the department, enrolled students may register for any course in applied music. Weekly 30-minute lesson: 1 sh credit (Section A). Weekly 60-minute lesson: 2 sh credit (Section B). A special fee is required for nonmajors.

APPLIED MUSIC: INDIVIDUAL INSTRUCTION

Piano: 120, 220, 320, 420
 Organ: 121, 221, 321, 421
 Voice: 122, 222, 322, 422
 Trumpet: 123, 223, 323, 423
 French Horn: 124, 224, 324, 424
 Trombone: 125, 225, 325, 425
 Baritone (Euphonium): 126, 226, 326, 426
 Tuba: 127, 227, 327, 427
 Flute: 128, 228, 328, 428
 Oboe: 129, 229, 329, 429
 Clarinet: 130, 230, 330, 430
 Bassoon: 131, 231, 331, 431
 Saxophone: 132, 232, 332, 432
 Violin: 133, 233, 333, 433
 Viola: 134, 234, 334, 434
 Cello: 135, 235, 335, 435
 String Bass: 136, 236, 336, 436
 Guitar: 137, 237, 337, 437
 Percussion: 138, 238, 338, 438
 Electric Bass: 139, 239, 339, 439
 Harp: 140, 240, 340, 440

Applied Music: Group Instruction

MUS 152,153. VOICE CLASS I and II 1 sh
Group voice instruction ranges from beginning to intermediate.

MUS 154-156. PIANO CLASS I-III 1 sh
Group piano instruction ranges from beginner to intermediate.

MUS 158. GUITAR CLASS 1 sh
Beginners develop musical skills with the guitar — simple chords, melodies and songs — using elements of classical guitar techniques as a foundation.

MUS 258. DICTION FOR SINGERS I 1 sh
Students learn to use the International Phonetic Alphabet and are introduced to the pronunciation of English, Latin and French as it applies to vocal literature. Offered Fall alternate years.

MUS 259. DICTION FOR SINGERS II 1 sh
Students continue to learn the International Phonetic Alphabet and are introduced to the pronunciation of Italian and German as it applies to vocal literature. Offered Spring alternate years.

Musical Materials, Structures and Techniques

MUS 111, 112. THE MATERIALS OF MUSIC I and II 3 sh
A study of the fundamentals of music, diatonic harmony and elementary voice-leading and part-writing includes an introduction to harmonic-melodic form, analysis and synthesis of harmonic practices through secondary seventh chords. Offered fall and spring.

MUS 113, 114. AURAL SKILLS I and II 1 sh
Study emphasizes melodic-harmonic-rhythmic dictation, sight singing and keyboard study. Offered fall and spring.

MUS 211, 212. THE MATERIALS OF MUSIC III and IV 3 sh
A continuation of Music 112 on an advanced level includes complex chromatic harmonies and emphasizes analysis and composition of standard musical forms. Prerequisite: MUS 112. Prerequisite for 212: MUS 211. Offered fall and spring.

MUS 213, 214. AURAL SKILLS III and IV 1 sh
These courses provide advanced study in melodic-harmonic-rhythmic dictation, sight singing and keyboard study. Prerequisite: MUS 114. Offered fall and spring.

MUS 254, 255. JAZZ IMPROVISATION I and II 1 sh
Instrumentalists or vocalists develop skills in improvisational jazz performance techniques.

MUS 256. JAZZ HARMONY 2 sh
This course is a study of jazz harmonic vocabulary and its application to the jazz repertoire. Seventh chords, chord symbols, voicings, guide tones, color tones, voice leading and reharmonizations are examined. All students play the instrument of their choice and piano. Prerequisite: MUS 112.

MUS 311. COUNTERPOINT 4 sh
Analysis and composition of period works are part of the study of counterpoint from the 16th to 20th centuries with applications to various vocal and instrumental writings. Prerequisite: MUS 212.

MUS 313. FORM AND ANALYSIS 2 sh
This course acquaints the student with the standard forms of tonal music through the aural and visual study of micro and macro forms of representative works. Prerequisite: MUS 112. Offered fall of alternate years.

MUS 411. INSTRUMENTAL AND CHORAL ARRANGING 2 sh
Students explore technical possibilities and limitations of individual instruments and voices. Study also covers arranging and transcribing for various combinations of instruments and voices. Prerequisite: MUS 112.

MUS 413. 20th CENTURY TECHNIQUES 2 sh
This course is a study of the changes which have taken place in music of the 20th century. Techniques to be studied include atonality, polytonality, serialism, integral serialism, dodecaphony and electronic music. Prerequisite: MUS 112. Offered spring of alternate years.

MUS 265-465. COMPOSITION 1 sh
Students write compositions integrating techniques of studied repertoire as they explore musical composition in weekly individual meetings with an instructor. Prerequisite: MUS 112 or permission of instructor.

Literature and History

MUS 216. THE STUFF OF MUSIC 4 sh
Through a series of exercises, readings, outside class activities and class participation, students become familiar with the materials which form the basis of music, including instruments, notation and terminology. Hands-on application includes basic performance on rhythm instruments and composing simple music compositions.

MUS 217. WORLD MUSIC 4 sh
Text readings, listening, research, writing and class presentation are part of an introduction to the music of Asia, Eastern Europe, Africa, and Central and South America. Students gain increased awareness of the art and music of other cultures, make connections with their own art and folk traditions and search for shared meanings of all musical licensure.

MUS 303. MUSIC HISTORY FOR THE LIBERAL ARTS STUDENT 4 sh
Nonmusic majors gain improved skills to enhance musical enjoyment, basic knowledge of music styles and events, and focus on placing this knowledge in the context of world events and trends. Study covers selected personalities and works in music through substantial reading, listening, research and writing.

MUS 315. THE MUSIC OF ANCIENT TIMES THROUGH BAROQUE 4 sh
This survey of music through the Baroque period emphasizes Renaissance and Baroque counterpoint through reading, listening, analysis, research and writing. Prerequisite: MUS 112. Offered fall of alternate years.

MUS 316. CLASSIC AND ROMANTIC MUSIC 4 sh
By reading, listening, research and writing, students explore the relationship of 18th- and 19th-century music to the world — as the expression of artists responding to political, social and philosophical environments. The course also emphasizes the progressive study of formal analysis, from smaller forms to the large single and multi-movement genres of the period. Prerequisite: MUS 112. Offered fall of alternate years.

MUS 318. HISTORY OF JAZZ 4 sh
This overview of jazz music from about 1900 to the present is designed for the liberal arts major. Topics include jazz styles, individual musicians and the development and progress of jazz through the 20th century.

MUS 319. HISTORY OF AMERICAN MUSIC 4 sh
Study of American music from 1620 to the present focuses on elements of various musical cultures (e.g., Western and Eastern Europe, Africa, Latin America) that have influenced the American style of music.

MUS 343. AFRICAN AMERICAN COMPOSERS 4 sh
This course looks at the lives of African-American composers, their music and the social structure within which they lived. The course allows students to investigate the

artistic impact of American historical events and trends such as Jim Crowe laws, segregation and cabaret cards.

MUS 345. THE MUSIC OF MILES DAVIS 4 sh

Jazz musician, composer, innovator, arranger, trumpeter Miles Davis (1926–1991) is easily arguable as the most significant jazz musician who ever lived. This course will look in-depth at Davis' music and how it reflected American culture in each of the decades of the last half of the 20th century.

MUS 469. WOMEN IN MUSIC 4 sh

This course will look at the lives and music of women musicians, composers and performers and the social structure within which they live and lived. The course will allow students to investigate the artistic impact of historical events and trends in not only America, but also the world, and how women in different eras were able to interact musically.

Music Education

The following technique courses are required for music majors seeking music teacher licensure.

MUS 361. PERCUSSION TECHNIQUES 1 sh

MUS 362. BRASS TECHNIQUES 1 sh

MUS 363. WOODWIND TECHNIQUES 1 sh

MUS 364. STRING TECHNIQUES 1 sh

MUS 365. CHORAL TECHNIQUES 1 sh

MUS 366. CONDUCTING 2 sh

Students develop skill in baton and rehearsal techniques and interpretation in training and leading various ensembles of instruments and voices.

MUS 367. VOCAL PEDAGOGY 2 sh

This upper level course focuses on the scientific and psychological aspects of singing and how this knowledge is applicably useful to the teacher of voice. It introduces basic anatomy and the physical processes of phonation along with psychological concepts that aid in the training and use of the singing voice. Physiological topics include resonance, breath support, tone production, vowels registration and flexibility. Other topics include pedagogical methods, vocal problems and vocal artistry. Prerequisite: One year of private voice at the MUS 122-B level. Offered fall of alternate years.

MUS 461. MUSIC EDUCATION IN THE PUBLIC SCHOOLS 4 sh

A study of the methods and materials suitable for teaching at all levels covers the administration of band, orchestra and choral programs in the public schools with additional emphasis on marching band techniques. Prerequisite: MUS 112. Offered spring of alternate years.

Ensembles

MUS 101. WIND ENSEMBLE 1 sh

Open to all students.

MUS 102. ELON CHORALE 1 sh

Open to all students.

MUS 103. ELON CHAMBER ORCHESTRA 1 sh

By audition only.

MUS 104. JAZZ ENSEMBLE 1 sh

By audition only.

MUS 105. ELON CAMERATA 1 sh

By audition only.

MUS 106. CHAMBER ENSEMBLE 1 sh

By audition only.

MUS 107. ÉLAN (vocal jazz ensemble) 1 sh

By audition only.

MUS 108. PERCUSSION ENSEMBLE 1 sh

By audition only.

MUS 109. ELON UNIVERSITY MARCHING BAND 1 sh

This ensemble will furnish half-time entertainment for football games and serve as a model for music education majors in the instruction and development of various styles of marching bands. Offered fall.

MUS 219. JAZZ COMBO 1 sh

Students explore jazz literature for small groups of instruments to gain an understanding of individual roles in a small ensemble. This will include planning, graphing and constructing improvisations within various musical forms.

Other Offerings

MUS 369. METHODS AND MATERIALS OF PIANO PEDAGOGY 2 sh

Students interested in teaching piano in a private studio explore group and individual instructional techniques for beginning and intermediate students, suitable repertoire, basic keyboard musicianship and pupil psychology.

MUS 471. SEMINAR: SPECIAL TOPICS 1-4 sh

Small groups study under the guidance of a member of the staff.

MUS 491. INDEPENDENT STUDY 1-4 sh

MUS 495. SENIOR SEMINAR 2 sh

This capstone experience for music includes a comprehensive evaluation of the student's previous education in the major field, a major project to demonstrate proficiency in the student's major area of interest or emphasis and preparation of materials necessary for enrollment in graduate school or the profession.

Music Theatre

Chair, Department of Performing Arts: Associate Professor McNeela

Professor: D. Bragg

Associate Professors: Becherer, K. Lee, Rubeck, Wellford

Assistant Professors: Gang, Ma, Sabo, Smith, Webb

Adjuncts: Flannery, Hyers, Johnson

The Department of Performing Arts offers a Bachelor of Fine Arts in Music Theatre, a degree geared toward the student who wishes to pursue a career in performance or graduate studies following graduation. Admission to the program requires an audition demonstrating initial talent.

Course work within this major is designed to train students in the three essential skill areas for music theatre: music, acting and dance. Students take studio dance classes in ballet, jazz, modern and tap, studio voice lessons, music theory, and a minimum of four semesters of acting. Further study includes the literature and history of music theatre.

Practical application of all aspects of study are expected through participation in department stage productions, concerts and recitals. Outreach to the professional world occurs throughout the course of study through participation in vocal, dance and theatre festivals, conventions, auditions and competitions. The final result is an artist prepared for entry to the world of professional performance.

A major in Music Theatre requires the following courses:

MTE 301	History of Music Theatre	4 sh
MTE 302	Music Theatre Literature	4 sh
MTE 321	Performance in Music Theatre	4 sh
MTE 495	Senior Seminar	4 sh
MUS 111	Materials of Music I	3 sh
MUS 113	Aural Skills I	1 sh
MUS 154	Piano Class	1 sh
THE 120	Acting I	4 sh
THE 220	Acting II	4 sh
THE 221	Acting III	4 sh
DAN 150	Dance for the Musical Stage I	1 sh
DAN 420	Dance for the Musical Stage II	1 sh

In addition, each major must complete the following:

(a) six semesters of private voice at appropriate level	12 sh
(b) six semesters of studio technique courses in dance with a minimum of one credit in each of the following: Ballet, Jazz, Modern and Tap	6 sh
(c) electives selected from Music Theatre, Theatre Arts, Dance or Music	14 sh
(d) one semester hour of singing in an ensemble	1 sh

TOTAL 68 sh

MTE 301. HISTORY OF MUSIC THEATRE 4 sh

This course, open to all students, explores the origins and development of music theatre, its theatrical conventions and major elements from the mid-18th century to the present. Offered fall.

MTE 302. MUSIC THEATRE LITERATURE 4 sh

The purpose of this course is to expose the student to the staples of the music theatre literature, to develop a critical sensitivity to the medium and to enable analysis of music, plots, characters and situations in contemporary music theatre. Prerequisites: MUS 111, 113. Offered spring.

MTE 321. PERFORMANCE IN MUSIC THEATRE 4 sh

This performance-oriented course provides a systematic approach to achieving a high level of singing-acting skills. Students also receive training and practice in selecting, preparing and presenting audition material. Prerequisites: MUS 122 B, THE 120. Offered spring.

MTE 322. MUSIC THEATRE AND OPERA SCENE STUDY 4 sh

This performance-oriented course integrates music and theatre performance skills through the selection, development and presentation of partnered scenes from music theatre and opera repertoire. Prerequisites: two semesters of MUS 122 B or permission of instructor.

MTE 495. SENIOR SEMINAR 4 sh

This capstone experience for senior majors centers on a practical project which demonstrates proficiency in performance skills and preparation for graduate study or entry into the profession. Prerequisite: senior majors only. Course is two semesters in length. Students must take both semesters. Offered fall and spring.

Non-Violence Studies

Coordinator: Associate Professor Pickens

Non-Violence Studies takes an interdisciplinary approach to seeking solutions to violence in its many forms. This program offers students the opportunity to critically analyze popular notions concerning the causes of violence and challenges them to consider a variety of other perspectives. By taking courses in a number of disciplines, all focused on the same topic, students are encouraged to integrate the methods and essential questions of fields including religion, political science, economics, literature, sociology and psychology.

This minor is recommended for those interested in multicultural and international relations. The minor consists of a minimum of 20 semester hours, including a capstone course. An internship of 1-4 semester hours is strongly recommended.

A minor in Non-Violence Studies requires the following:

NVS 461-469 capstone course	4 sh
Sixteen semester hours selected from the following courses or other approved newly offered courses from at least three different departments.	16 sh

The following courses are regularly offered and listed by title in the catalog:

ENG 337	Asian Literature of Social Change
PHL 115	Ethical Practice
PHL 352	Eastern Philosophy
PHL 348	Environmental Ethics
POL 141	International Relations
POL 304	Theorists of Non-Violence
POL 324	Civil Liberties
POL 342	U.S. Foreign Policy
POL 345	International Terrorism
POL 367	Politics of Africa
POL 368	Latin American Politics
PSY 325	Psychology of American Protest Music
PSY 327	Psychology of Non-Violence
PSY 357	Criminal Behavior
REL 343	Women, Violence and Resistance
REL 344	Christianity and Social Justice
REL 348	Environmental Ethics
REL 353	Buddhism
SOC 241	Social Issues and Problems
SOC 245	Non-Violence of the Brave: From Gandhi to King
SOC 341	Ethnic and Race Relations
SOC 343	Social and Cultural Change

The following special topics courses are offered at various times, although not listed by title in the catalog:

ENG 370	Simple Living
ENG 372	Literature of Non-Violence
GST/ENG 373	America and Vietnam
GST/PHL 330	Economic Justice

HST 133	Civil Rights Movement	
HST 388	History of the Caribbean	
HST 463	Senior History Seminar: Local Civil Rights History (capstone course in the major)	
JCM 373	Martin Ritt and American Society	
NVS 171	Introduction to Mediation	
POL 374	Judicial Administration	
POL 377	Politics of Victimization	
POL 441	Peace, War and Conflict Resolution	
REL 279	Topics in Eastern Religion	
TOTAL		20 sh

NVS 461-469. SEMINARS ON NON-VIOLENCE 4 sh

These seminars combine two or more interdisciplinary approaches to the problem of violence. Each will include exploration of non-violent approaches to conflict situations. Prerequisites: two courses in non-violence studies.

NVS 381. INTERNSHIP IN NON-VIOLENCE STUDIES 1-4 sh

Research, service and occupational internships focusing on issues relating to violence and non-violence. Prerequisites: two courses in non-violence studies and permission of the coordinator.

Philosophy

Chair, Department of Philosophy: Professor Weston
 Professor: Sullivan
 Associate Professors: Batchelor, Cahill, Lubling
 Assistant Professor: Fowler
 Adjunct: Jegstrup

Philosophy lies at the heart of a liberal arts education. Philosophy at Elon has both a wisdom orientation for exploring enduring human concerns and a practical intent to enhance our lives together and our care for the earth.

Philosophical study at Elon focuses on three sets of skills: (1) critical and constructive thinking - aiding students in identifying, analyzing and offering solutions to problems; (2) ethical practice - exploring ways to act wisely and effectively in our life with others; and (3) interpretive understanding - allowing students to bridge the meaning and value systems of diverse individuals, cultures and epochs.

Such skills are valuable for law and leadership, ministry and the helping professions, citizenship and service, and for deepening the quality of our lives. At 36 semester hours, the philosophy major is designed to allow room for a double major or a career-related minor.

A major in Philosophy requires the following courses:

PHL 113	Critical Thinking	4 sh
PHL 115	Ethical Practice	4 sh
PHL 331	Ancient Philosophy	4 sh
PHL 333	Modern Philosophy	4 sh
One course from the following:		4 sh
PHL 431	Contemporary Philosophy	
PHL 432	American Philosophy	

PHL 433	Marx, Darwin and Freud	
Three courses chosen from any additional philosophy offerings		12 sh
PHL 461	Integrative Tutorial	4 sh
TOTAL		36 sh

A minor in Philosophy requires the following courses:

PHL 113	Critical Thinking	4 sh
PHL 115	Ethical Practice	4 sh
One course from the following:		4 sh
PHL 331	Ancient Philosophy	
PHL 333	Modern Philosophy	
Two courses chosen from any additional philosophy offerings		8 sh
TOTAL		20 sh

PHL 113. CRITICAL THINKING 4 sh

This foundation course in critical thinking introduces reading and listening skills, argument analysis and evaluation, and creative problem-solving methods. Such skills are valuable throughout life, from making effective presentations to promoting independent thinking. Offered fall and spring.

PHL 115. ETHICAL PRACTICE 4 sh

Ethical practice is a foundation course exploring ways to act wisely and effectively in our life with others. Drawing on the philosophical tradition and on critical examination of life situations, students engage such topics as personal integrity, sensitivity and fairness to others, and conditions for collaborative and respectful living. Offered fall and spring.

PHL 331. ANCIENT PHILOSOPHY 4 sh

This study of the origins of Western philosophy concentrates on the Golden Age of Greece, including such topics as Socrates, his predecessors and his great successors, Plato and Aristotle. Students consider what it means to live a human life in a humane and liberating communal context. Offered at least once every two years.

PHL 332. MEDIEVAL PHILOSOPHY 4 sh

This study focuses on 12th and 13th century European intellectual developments, showing how Platonic and Aristotelian strands blend with Jewish, Christian and Islamic elements. Special topics include Bernard and Abelard, Averroes and Maimonides, Hildegard and Mechtild, Aquinas and Bonaventure, and Dante and Eckhart.

PHL 333. MODERN PHILOSOPHY 4 sh

Discussion centers on crucial intellectual developments in the 17th and 18th centuries when the modern Western worldview arose. Specific attention is given to far-reaching changes in philosophical methods, theory of knowledge, new senses of self and world, and thinkers such as Descartes, Hume and Kant. Offered at least once every two years.

PHL 334. POLITICAL PHILOSOPHY 4 sh

Discussion focuses on the roots of modern political thought, including such key 17th- and 18th- century developments as the case for sovereignty in the modern nation state, the rise of individual rights and the rationale for modern democracy. Major thinkers such as Hobbes, Locke and Rousseau are studied against the background of their turbulent times.

PHL 337. DANTE'S JOURNEY 4 sh

This course will follow Dante's journey as expressed in *The New Life* and *The Divine Comedy*. In the process of following Dante's journey, we will explore the phenomenon

of courtly love, go through Hell together, learn the process of getting in touch with the more subtle obstacles to our growth as we climb the seven-storied mountain of Purgatory and finally explore levels of consciousness that take us through the spheres of spiritual deepening to the Love that moves the sun and other stars.

PHL 341. PHILOSOPHY OF LAW 4 sh

This basic examination of the nature, function and limits of law gives attention to human rights and natural justice, law and morality, theories of punishment and questions of legal responsibility. The course is of particular interest to prelaw, business and political science students.

PHL 342. PHILOSOPHY AND SOCIETY 4 sh

This course pursues a philosophical approach to the relation of individuals and social institutions. Topics considered may include the nature and possibility of the social sciences, philosophy of technology and the nature of community.

PHL 343. AGES AND STAGES OF LIFE 4 sh

In an archetypal approach to the stages of life, this course draws from transpersonal psychology/philosophy and from myths and stories of the first and second halves of life. The study seeks practical insights from developmental psychology and various spiritual teachings to help students deal with crucial life issues.

PHL 344. PHILOSOPHY OF SCIENCE 4 sh

Course study promotes the intelligent, critical assimilation of scientific information by developing a general framework for analyzing scientific claims. Topics include the structure of scientific reasoning, science in its cultural context, and the logical and other elements shaping scientific change.

PHL 345. FEMINIST PHILOSOPHY 4 sh

This survey and application of feminist philosophies examines central ideas in feminist thought, including the social construction of gender, the exclusion of women from traditional philosophy and the intersection of gender with other social factors such as race and class.

PHL 348. ENVIRONMENTAL ETHICS 4 sh

Students explore the bearing of philosophical and religious ethics upon practical problems regarding the natural environment. This course also considers the possible need for new ethical frameworks to address the environmental crisis we now face. (Cross-listed with REL 348.)

PHL 352. EASTERN PHILOSOPHY 4 sh

Eastern Philosophy centers first on ancient China, exploring *The Book of Changes* and the thought of Lao Tzu and Confucius. The course continues with investigation of Buddha's insight, following Mahayana Buddhism into China where it becomes Zen. Finally, the course examines the spirit of Zen and its influence on Japanese arts and culture.

PHL 355. PHILOSOPHY OF RELIGION 4 sh

This course explores Eastern and Western approaches to religious experience and notes differences between the literal, moralistic (exoteric) and the symbolic, mystical (esoteric) understandings of any religion. Students examine parable, teaching story, paradox and the problem of religious language and consider ways of assessing religious claims, communities and personal practices. (Cross-listed with REL 355.)

PHL 371-379. SPECIAL TOPICS 4 sh

Special topics are variable courses of timely and enduring interest. Past and current offerings include:

- PHL 371 Restorative Justice
- PHL 372 Philosophy of Education

- PHL 373 Philosophy and the Holocaust
- PHL 374 Philosophy of Love and Feminism
- PHL 375 Philosophical Themes in the Films of Woody Allen
- PHL 376 Philosophy of Camus
- PHL 377 Theories of Knowledge
- PHL 378 Law in Literature and Film
- PHL 379 Living Philosophically

PHL 431. CONTEMPORARY PHILOSOPHY 4 sh

Students become acquainted with philosophical trends in the 20th century and develop appropriate skills of inquiry. The course surveys the changing landscape of philosophy in this volatile century and introduces students to key figures who have shaped that landscape.

PHL 432. AMERICAN PHILOSOPHY 4 sh

Focusing on the rich heritage of 19th- and 20th-century American thought from such figures as Emerson, Thoreau, Pierce, James, Dewey and others, this course emphasizes the originality of American philosophy and its continuing relevance.

PHL 433. MARX, DARWIN AND FREUD 4 sh

These revolutionary makers of the modern mind - Marx, Darwin and Freud - have had enduring influence on subsequent thought in such diverse fields as philosophy and politics, biology and religion, sociology and psychology. This course examines their work in light of more recent attempts to incorporate, reform and extend their insights.

PHL 461. INTEGRATIVE TUTORIAL 4 sh

This capstone course integrates the student's understanding of the history, issues and demands of philosophy via readings, class discussion and individual mentoring projects with philosophy faculty. It culminates with a final project on a topic chosen by the student which requires substantial philosophical research, writing and reflection and is evaluated by all members of the department. Offered fall of senior year.

PHL 471. SEMINAR: SPECIAL TOPICS 4 sh

PHL 481. INTERNSHIP IN PHILOSOPHY 1-4 sh

The internship provides work experience in a setting that is rich with practical philosophical problems. The goal is to enrich the student's appreciation of the link between philosophy and life. Offered on an individual basis when suitable opportunities can be arranged. Permission of the department is required.

PHL 491. INDEPENDENT STUDY 1-4 sh

Physical Education

Chair, Department of Health and Human Performance: Professor J.P. Brown
 Professors: Beedle, Calhoun, White
 Associate Professor: Davis
 Assistant Professors: Morningstar, Parson, C. Smith
 Instructors: Kennedy, Reilly, Stevens

The Physical Education curriculum located within the Health and Human Performance Department is designed to prepare students to become teachers. The program is broad-based and includes evaluating and improving the student's psychomotor and cognitive skills through a wide range of activity courses, specialized theory courses and continued opportunity for applying these skills and concepts in educational and laboratory settings.

Through this study students gain knowledge of the concepts and skills related to teaching sport and physical activity. Graduates in the major are successful teachers and coaches and many pursue graduate degrees.

A major in Physical Education requires the following courses:

DAN 115	Folk, Square and Social Dance	1 sh
	Select any activities course	1 sh
PED 125	Skills and Activities for Teaching	3 sh
PED 211	History/Foundations of Sport/Physical Education	4 sh
PED 305	Legal Aspects	2 sh
PED 310	Motor Learning Theory for Teaching and Coaching	4 sh
PED 321	Biomechanics	4 sh
PED 341	Theory of Coaching	2 sh
PED 360	Elementary Physical Education (K-6)	4 sh
PED 401	Adapted Physical Education	2 sh
PED 410	Organization and Administration	4 sh
PED 411	Measurement and Evaluation	4 sh
HED 220	First Aid	1 sh
ESS 422	Physiology of Exercise	4 sh
BIO 161	Human Anatomy	4 sh
BIO 162	Human Physiology	4 sh
TOTAL		48 sh

Students desiring **teacher licensure in physical education** must also take the professional studies requirements listed for Special Subjects areas (K-12) under Education. (EDU 450 is not required.)

The Health Education endorsement (for students with teacher licensure) requires the following courses:

EDU 427	Materials and Methods of Teaching Health and Safety	4 sh
	Sixteen hours chosen from the following:	16 sh
HED 321	Health Services and Consumerism	
HED 324	Nutrition	
HED 325	Substance Abuse and Human Behavior	

HED 326	Human Sexuality
HED 421	Chronic and Acute Diseases

TOTAL **20 sh**

A minor in Physical Education requires the following courses:

Four courses chosen from one-hour skills classes		4 sh or
PED 125	Skills and Activities for Teaching and one skills course	
PED 310	Motor Learning Theory for Teaching and Coaching	4 sh
PED 360	Elementary Physical Education (K-6)	4 sh
EDU 423	Materials and Methods of Teaching Physical Education	4 sh
PED 341	Theory of Coaching	2 sh

TOTAL **18 sh**

PED 100. TENNIS **1 sh**

Students learn rules, skills and strategy of tennis. Offered fall and spring.

PED 101. RACQUETBALL **1 sh**

Students learn rules, skills and strategy of racquetball. Offered fall and spring.

PED 102. GYMNASTICS **1 sh**

Students learn a variety of floor and apparatus gymnastics skills. Offered as available.

PED 103. RECREATIONAL SPORTS **1 sh**

Students learn rules, skills and strategy of a variety of recreational sports, including archery, badminton and paddle tennis.

PED 105. GOLF, BEGINNING AND INTERMEDIATE **1 sh**

Students learn rules, skills and strategy of golf. Must have personal transportation. Offered fall and spring. Special fee: \$30.

PED 106. BEGINNING SWIMMING AND EMERGENCY WATER SAFETY **1 sh**

An introduction to basic swimming techniques and general water safety instruction, including how to respond effectively in a water emergency. The goal is to create an awareness of causes and prevention of water accidents. Beginning Swimming and Emergency Water Safety certificate given. Special fee: \$13.

PED 107. LIFEGUARD TRAINING **3 sh**

Students gain knowledge and skills for aquatic safety and non-surf life-guarding, first aid, professional rescuer CPR and head life-guarding. Students will receive Red Cross certification upon successful completion. Prerequisites: strong swimming skills. Special fee: \$28.

PED 108. BASKETBALL **1 sh**

Students learn rules, skills and strategy of basketball.

PED 109. CONDITIONING/WEIGHT TRAINING **1 sh**

Progressive development of physiological fitness designed to meet the needs of the individual student, including weight and cardiorespiratory training.

PED 110. SOFTBALL **1 sh**

Students learn rules, skills and strategy of softball.

PED 111. AEROBIC CONDITIONING **1 sh**

Students have the opportunity to improve their physical fitness level through aerobic activities using correct techniques. Offered as available.

PED 112. SOCCER **1 sh**

Students learn rules, skills and strategy of soccer.

- PED 113. VOLLEYBALL** **1 sh**
Students learn rules, skills and strategy of volleyball.
- PED 116. OUTWARD BOUND EXPERIENCE** **1-3 sh**
This is a course in wilderness survival, including physical survival skills, fitness, cognitive and emotional skills and study of the natural world. Offered as personnel is available or Independent Study.
- PED 117. EQUESTRIAN TRAINING I, BEGINNER** **1 sh**
Students learn grooming, basic anatomy of the horse and first aid care, parts of the hoof, tacking up, mounting, dismounting, turning left and right, how to properly sit on a horse, proper use of the rider's aids, safety issues, walking and trotting on the flat and riding basic ring figures. Personal transportation, work boots, jeans and riding helmet required. Special fee \$400. Offered as available.
- PED 118. EQUESTRIAN TRAINING II, NOVICE** **1 sh**
Students learn about veterinary care and disease: some breeds and colors of horses will be discussed in detail; walk, trot and canter work; ring figures, trotting poles; jumping position is introduced; refining the use of riders aids; and communication with the horse. Personal transportation, work boots, jeans and riding helmet required. Prerequisite: PED 117 or permission of instructor. Special fee \$400. Offered as available.
- PED 125. SKILLS AND ACTIVITIES FOR TEACHING** **3 sh**
Students learn skills and techniques for selected activities taught in public school physical education. Learning experiences include analyzation, organization and evaluation methods. Activities will be chosen from archery, badminton, bowling, golf, racquetball, weight training, volleyball, soccer, tennis and other team sports. As public school needs change, the curriculum for this course may be altered. Offered spring.
- PED 208. WATER SAFETY INSTRUCTOR (WSI)** **3 sh**
Detailed study of methods and materials used to teach Red Cross swimming and aquatics safety courses. Successful completion qualifies WSI's to teach infant and pre-school aquatics, progressive swimming courses, basic water safety and emergency water safety. Prerequisites: minimum age of 17, strong swimming skills, current certification for Emergency Water Safety or Lifeguard Training. Special fee: \$23.
- PED 209. SKIN AND BASIC SCUBA DIVING** **2 sh**
Students learn the art of skin and scuba diving, including the physics, physiology and mechanics of diving; safe diving practices; marine life and environment; dive planning and various aspects of sport diving. Completion of all requirements leads to P.A.D.I. open water certification. Equipment requirements: mask, fins and snorkel. Prerequisites: minimum age of 15, pass a swimming test, medical exam and payment of special fee before scuba work begins. Special fee: \$200.
- PED 211. HISTORY/FOUNDATIONS OF SPORT/PHYSICAL EDUCATION** **4 sh**
An introduction to the philosophical, psychological and sociological foundations and the history of physical education, including current issues, trends and the economic impact of sport and fitness on society. Offered fall.
- PED 217. EQUESTRIAN TRAINING III, INTERMEDIATE** **1 sh**
Students learn advanced conformation and physiology of the horse and equine nutrition. Training Level dressage tests will be covered in detail and ridden. Students will engage in more refinement of the ring figures; walk, trot, and canter work with trotting poles. An introduction to crossrails and jumping a course will complete this training. Personal transportation, work boots, jeans and riding helmet required. Prerequisite: PED 118 or permission of instructor. Special fee \$400. Offered as available.
- PED 218. EQUESTRIAN TRAINING IV, ADVANCED** **1 sh**
Equine selection and training the green/unschooled horse, equine reproduction, hand

galloping, gymnastic jumping, and with instructor permission, schooling the horse over varied terrain and hill work will comprise this course. Personal transportation, work boots, jeans and riding helmet required. Prerequisite: PED 217 or permission of instructor. Special fee \$400. Offered as available.

- PED 265. OFFICIATING** **2 sh**
This course provides a thorough study of the rules and mechanics of sport officiating. Practical experience in officiating may be provided at the community, Little League, middle school and junior varsity levels. Offered as needed.
- PED 305. LEGAL ASPECTS** **2 sh**
This course provides a study of the legal environment of leisure, sport, health and school organizations, emphasizing applications of tort, criminal, employment, contract, property and constitutional law. Students learn the principles of risk management and relevant applications and discuss current legislation affecting the field. Offered fall and spring.
- PED 309. ADVANCED OPEN WATER SCUBA** **2 sh**
The Advanced Open Water Scuba course is offered through certified and insured adjunct P.A.D.I. instructors. This course is designed to expand the knowledge base and skills acquired in PED 209. Students will complete a detailed study of all the topics covered in Basic Scuba. In addition, they will develop a knowledge base and skills for deep diving, night diving, underwater navigation, search and recovery and rescue diving. The student will receive P.A.D.I. Certifications in Advanced Open Water and Rescue Diving upon successful completion of the course. Equipment requirements: mask, fins and snorkel. Prerequisite: P.A.D.I. Open Water Certification or equivalent. Special fee: \$275.
- PED 310. MOTOR LEARNING THEORY FOR TEACHING AND COACHING** **4 sh**
This course provides Physical Education teachers and coaches knowledge and understanding of how learning and optimum performance of motor skills occur. Study of the characteristics and interactions between student/athlete, teacher/coach and the learning environment coupled with synthesis of recent research, experimentation and analysis enables participants to teach motor skills efficiently. Prerequisites: PED 125, 211 or permission of the instructor. Offered spring.
- PED 321. BIOMECHANICS** **4 sh**
Students study the musculoskeletal system and biomechanics from the point of view of Physical Education activities, exercise/sports injuries and sports skills. Laboratory activities include the use of motion analysis software for projectile analysis, gait analysis, vertical jump analysis, conservation of angular momentum, analysis of lifting and calculation of center of gravity. This course requires a two-hour laboratory. Prerequisite: Bio 161. Offered fall and spring.
- PED 341. THEORY OF COACHING** **2 sh**
Provides a thorough study of the role of coaches in the school and community, including coaching philosophy, ethics, relationships, motivation and responsibilities. Offered fall.
- PED 360. ELEMENTARY PHYSICAL EDUCATION (K-6)** **4 sh**
This class is designed to prepare students to teach physical education in grades K-6. This preparation includes knowledge of movement education, motor skills, skill analysis and pedagogy. Clinical hours in public schools are required. Prerequisite: PED 211. Offered spring.
- PED 401. ADAPTED PHYSICAL EDUCATION** **2 sh**
This course provides Physical Education teachers knowledge and understanding of current legislation, techniques and methods of teaching physical activities to individuals with handicapping conditions through both lecture and practical experience. Prerequisite: PED 360. Offered spring.