

Collaborating University Partners' Coursework Required for Educator Preparation

In order to meet CAEP and EPSB accreditation requirements and to keep educator preparation program curriculum contracts current and accurate, the College of Education and Human Development needs to be informed when changes are made to the courses below.

Updated 10/6/2015

Course Prefix	Course Number	Course Name	Educator Preparation Program requiring the course
ACCT	201	Principles of Accounting I	Business Ed leads to 5-12 Cert
ACCT	202	Principles of Accounting II	Business Ed leads to 5-12 Cert
ANTH	201	Introduction to Cultural Anthropology	BS. in Early Ele. Ed. with Social Studies (5-9); BS Social Studies 8-12; Social Studies Ed., leads to 5-9 Cert.
ANTH	202	Introduction to Biological Anthropology	BS Social Studies 8-12
ANTH	203	Introduction to World Prehistory	BS Social Studies 8-12
ANTH	303	Human Origins	BS Social Studies 8-12
ANTH	307	Darwin	BS Social Studies 8-12
ANTH	309	Sex, Gender, and Culture	BS Social Studies 8-12
ANTH	310	Race, Culture, and Identity	BS Social Studies 8-12
ART	105	Foundation Two-Dimensional Design	Art Ed. Certification in P-12
ART	106	Foundation Three-Dimensional Design	Art Ed. Certification in P-12
ART	107	Foundation Drawing I	Art Ed. Certification in P-12
ART	207	Foundation Drawing II	Art Ed. Certification in P-12
ART	301	Introduction to Painting	Art Ed. Certification in P-12
ART	305	Drawing and Composition	Art Ed. Certification in P-12
ART	321	Introduction to Sculpture	Art Ed. Certification in P-12
ART	331	Introduction to Clay	Art Ed. Certification in P-12
ART	341	Introduction to Printmaking	Art Ed. Certification in P-12
ART	351	Introduction to Photography	Art Ed. Certification in P-12
ART	361	Introduction to Interior Architecture	Art Ed. Certification in P-12
ART	371	Introduction to Graphic Design	Art Ed. Certification in P-12
ART	381	Introduction to Fiber/Mixed Media	Art Ed. Certification in P-12
ART	508	Art Education Methods/Research I	MAT Art, P-12
ART	518	Art Education Methods/Research II	MAT Art, P-12
ARTH	250	Classical through Medieval Art	Art Ed. Certification in P-12
ARTH	270	Renaissance through Modern Art	Art Ed. Certification in P-12
AUDI	606	Acoustics and Speech Acoustics	MS Communication Disorder P-12
AUDI	621	Audiologic Rehabilitation	MS Communication Disorder P-12
BIOL	102	Intro to Biological Systems	BS Early Ele. Ed. Cert. with MSD; BS Early Ele. Ed. P-5; BS Early Ele. Ed. with French; BS Early Ele. Ed. with IECE; BS Early Ele. Ed. with Math 5-9; BS Early Ele. Ed. with Spanish; BS in Early Ele. Ed. with LBD; BS. in Early Ele. Ed. with Social Studies (5-9); BS. in Early Elementary Ed with English (5-9)
BIOL	104	Intro to Biological Systems lab	BS Early Ele. Ed. Cert. with MSD; BS Early Ele. Ed. P-5; BS Early Ele. Ed. with French; BS Early Ele. Ed. with IECE; BS Early Ele. Ed. with Math 5-9; BS Early Ele. Ed. with Spanish; BS in Early Ele. Ed. with LBD; BS. in Early Ele. Ed. with Social Studies (5-9); BS. in Early Elementary Ed with English (5-9)
BIOL	240	Unity of Life	BS. in Early Ele. Ed. with Science (5-9); BS in Science 5-9; BS Math and Science 5-9; BS Biology 8-12; BS Earth-Space Sci 8-12; Science Ed., leads to 5-9 Cert; Biological

			Science Ed., leads to 8-12 Cert.; 8-12 Biological Science Cert. for those holding Initial Teaching Cert.
BIOL	242	Diversity of Life	BS. in Early Ele. Ed. with Science (5-9); BS in Science 5-9; BS Math and Science 5-9; BS Biology 8-12; BS Earth-Space Sci 8-12; Science Ed., leads to 5-9 Cert; Biological Science Ed., leads to 8-12 Cert.; 8-12 Biological Science Cert. for those holding Initial Teaching Cert.
BIOL	244	Principles of Biology Lab	BS. in Early Ele. Ed. with Science (5-9); BS in Science 5-9; BS Math and Science 5-9; BS Biology 8-12; BS Earth-Space Sci 8-12; Science Ed., leads to 5-9 Cert; Biological Science Ed., leads to 8-12 Cert.; 8-12 Biological Science Cert. for those holding Initial Teaching Cert.
BIOL	257	Introduction to Microbiology	Science Ed., leads to 5-9 Cert
BIOL	258	Introduction to Microbiology Lab	Science Ed., leads to 5-9 Cert
BIOL	260	Human Anatomy & Physiology I	Science Ed., leads to 5-9 Cert
BIOL	262	Human Anatomy & Physiology Lab	Science Ed., leads to 5-9 Cert
BIOL	263	Environmental Biology	Science Ed., leads to 5-9 Cert
BIOL	329	Cellular and Molecular Biology	BS in Science 5-9; BS Biology 8-12; Science Ed., leads to 5-9 Cert; Biological Science Ed., leads to 8-12 Cert.; 8-12 Biological Science Cert. for those holding Initial Teaching Cert.
BIOL	330	Genetics and Molecular Biology	BS Biology 8-12; Science Ed., leads to 5-9 Cert; Biological Science Ed., leads to 8-12 Cert.; 8-12 Biological Science Cert. for those holding Initial Teaching Cert.
BIOL	331	Genetics and Molecular Biology Lab	BS Biology 8-12; Biological Science Ed., leads to 8-12 Cert.; 8-12 Biological Science Cert. for those holding Initial Teaching Cert.
BIOL	357	General Microbiology	Biological Science Ed., leads to 8-12 Cert.
BIOL	358	Microbiology Lab	Biological Science Ed., leads to 8-12 Cert.
BIOL	363	Principles of Ecology	BS. in Early Ele. Ed. with Science (5-9); BS in Science 5-9; BS Math and Science 5-9; BS Biology 8-12; Science Ed., leads to 5-9 Cert; Biological Science Ed., leads to 8-12 Cert.; 8-12 Biological Science Cert. for those holding Initial Teaching Cert.
BIOL	409	Evolutionary Biology	BS Biology 8-12; Earth Science Ed., leads to 8-12 Cert.; 8-12 Biological Science Cert. for those holding Initial Teaching Cert.
BIOL	465	Principles of Physiology	Science Ed., leads to 5-9 Cert; Biological Science Ed., leads to 8-12 Cert.
BSTA	201	Business Statistics	Business Ed., leads to 5-12 Cert.
CHEM	201	General Chemistry I	BS. in Early Ele. Ed. with Science (5-9); BS in Science 5-9; BS Math and Science 5-9; BS Biology 8-12; BS Chemistry 8-12; BS Earth-Space Sci 8-12; BS in Physics 8-12; Science Ed., leads to 5-9 Cert; Chemistry Ed., leads to 8-12 Cert.; Physics Ed., leads to 8-12 Cert.; 8-12 Chemistry Certi. Extension Requirements for Teachers with initial teach. Cert.
CHEM	202	General Chemistry II	BS. in Early Ele. Ed. with Science (5-9); BS in Science 5-9; BS Math and Science 5-9; BS Biology 8-12; BS Chemistry 8-12; BS Earth-Space Sci 8-12; BS in Physics 8-12; Science Ed., leads to 5-9 Cert; Chemistry Ed., leads to 8-12 Cert.; Physics Ed., leads to 8-12 Cert.; 8-12 Chemistry Certi. Extension Requirements for Teachers with initial teach. Cert.
CHEM	207	Introduction to Chemical Analysis I	BS in Science 5-9; BS Math and Science 5-9; BS Biology 8-12; BS Chemistry 8-12; BS Earth-Space Sci 8-12; Chemistry Ed., leads to 8-12 Cert.; 8-12 Chemistry Certi. Extension Requirements for Teachers with initial teach. Cert.
CHEM	208	Introduction to Chemical Analysis II	BS in Science 5-9; BS Math and Science 5-9; BS Biology 8-12; BS Chemistry 8-12; BS Earth-Space Sci 8-12; Chemistry Ed., leads to 8-12 Cert.; 8-12 Chemistry Certi. Extension Requirements for Teachers with initial teach. Cert.
CHEM	209	Introduction to Chemical Analysis III	BS Chemistry 8-12; BS Earth-Space Sci 8-12; Chemistry Ed., leads to 8-12 Cert.
CHEM	210	Introduction to Chemical Analysis IV	BS Chemistry 8-12; Chemistry Ed., leads to 8-12 Cert.
CHEM	320	Chemical Information Resources	Chemistry Ed., leads to 8-12 Cert.
CHEM	341	Organic Chemistry I	BS Chemistry 8-12; Science Ed., leads to 5-9 Cert; Chemistry Ed., leads to 8-12 Cert.; 8-12 Chemistry Certi. Extension Requirements for Teachers with initial teach. Cert.
CHEM	342	Organic Chemistry II	BS Chemistry 8-12; Science Ed., leads to 5-9 Cert; Chemistry Ed., leads to 8-12 Cert.; 8-12 Chemistry Certi. Extension Requirements for Teachers with initial teach. Cert.
CHEM	343	Organic Chemistry I Lab	BS Chemistry 8-12; Chemistry Ed., leads to 8-12 Cert.; 8-12 Chemistry Certi. Extension Requirements for Teachers with initial teach. Cert.
CHEM	344	Organic Chemistry II Lab	BS Chemistry 8-12; Chemistry Ed., leads to 8-12 Cert.; 8-12 Chemistry Certi.

			Extension Requirements for Teachers with initial teach. Cert.
CHEM	441	Elements of Physical Chemistry	BS Chemistry 8-12; 8-12 Chemistry Certi. Extension Requirements for Teachers with initial teach. Cert.
CHEM	445	Survey of Biochemistry	BS Chemistry 8-12; Chemistry Ed., leads to 8-12 Cert; 8-12 Chemistry Certi. Extension Requirements for Teachers with initial teach. Cert.
CHEM	450	Computational Chemistry	Chemistry Ed., leads to 8-12 Cert.
CHEM	470	Physical Chemistry Lab	BS Chemistry 8-12; Chemistry Ed., leads to 8-12 Cert.
CHEM	503	Special Topics in Chemistry	Chemistry Ed., leads to 8-12 Cert.
CHEM	515	Inorganic Chemistry	BS Chemistry 8-12; Chemistry Ed., leads to 8-12 Cert; 8-12 Chemistry Certi. Extension Requirements for Teachers with initial teach. Cert.
CHEM	527	Introduction to Separations & Spectroscopy	BS Chemistry 8-12; Chemistry Ed., leads to 8-12 Cert.
CHEM	528	Contemporary Methods of Synthesis and Analysis I	Chemistry Ed., leads to 8-12 Cert.
CHEM	529	Contemporary Methods of Synthesis and Analysis II	Chemistry Ed., leads to 8-12 Cert.
CHEM	545	Biochemistry I	Chemistry Ed., leads to 8-12 Cert.; 8-12 Chemistry Certi. Extension Requirements for Teachers with initial teach. Cert.
CHEM	546	Biochemistry Laboratory	Chemistry Ed., leads to 8-12 Cert.
CHEM	547	Biochemistry II	Chemistry Ed., leads to 8-12 Cert.
CHEM	591	Chemistry for Teachers	Chemistry Ed., leads to 8-12 Cert.
CIS	100	Introduction to Microcomputer Applications	Business Ed leads to 5-12 Cert
CLAW	301	Legal Environment of Business*	Business Ed leads to 5-12 Cert
CMDS	572	Anatomy and Physiology for Speech & Hearing	MS Communication Disorder P-12
CMDS	602	Articulation/Phonology	MS Communication Disorder P-12
CMDS	610	Practicum in Audiology	MS Communication Disorder P-12
CMDS	611	Practicum in speech Pathology	MS Communication Disorder P-12
CMDS	612	Preschool Language Intervention	MS Communication Disorder P-12
CMDS	620	Neurological Disorders of Speech Production	MS Communication Disorder P-12
CMDS	663	Voice Disorders (includes 1 hr. instrumentation lab)	MS Communication Disorder P-12
CMDS	652	School Age Language & Phonology Intervention	MS Communication Disorder P-12
CMDS	665	Fluency Disorders	MS Communication Disorder P-12
CMDS	661	Assessment of Childhood Language Disorders	MS Communication Disorder P-12
CMDS	667	Aphasia and Cognitive Disorders	MS Communication Disorder P-12
CMDS	668	Professional Issues in Aud. & Spch.-L Path.	MS Communication Disorder P-12
CMDS	671	Clinical Methods in Speech-Language Pathology	MS Communication Disorder P-12
CMDS	690	Dysphasia	MS Communication Disorder P-12
CMDS	695	Special Topics in Speech-Language Disorders	MS Communication Disorder P-12
CMDS	696	Augmentative/Alternative Communication	MS Communication Disorder P-12
CMDS	680	Medical Speech Pathology	MS Communication Disorder P-12
CMDS	699	Thesis	MS Communication Disorder P-12
COMM	111	Speech Communication	64-hour Rank Change Program -- Career and Technical Education
COMM	115	Interpersonal Communication	BS Early Ele. Ed. Cert. with MSD; BS Early Ele. Ed. P-5; BS Early Ele. Ed. with French; BS Early Ele. Ed. with IECE; BS Early Ele. Ed. with Math 5-9; BS Early Ele. Ed. with Spanish; BS in Early Ele. Ed. with LBD; BS. in Early Ele. Ed. with Science (5-9); BS. in Early Ele. Ed. with Social Studies (5-9); BS. in Early Elementary Ed. with English (5-9)

COMM	305	Intro to Mass Com.	BS in Language Arts 5-9
ECON	201	Microeconomics	BS. in Early Ele. Ed. with Social Studies (5-9); BS English-Language Arts and Social Studies 5-9; BS in Social Studies 5-9; BS Math and Social Studies 5-9; BS Social Studies 5-9 and LBD; BS Social Studies 8-12; Social Studies Ed., leads to 5-9 Cert.; Business Ed leads to 5-12 Cert; Social Studies Ed., leads to 8-12 Cert.
ECON	202	Macroeconomics	BS English-Language Arts and Social Studies 5-9; BS in Social Studies 5-9; BS Math and Social Studies 5-9; BS Social Studies 5-9 and LBD; BS Social Studies 8-12; Social Studies Ed., leads to 5-9 Cert.; Business Ed leads to 5-12 Cert; Social Studies Ed., leads to 8-12 Cert.
ECON	301	Intermediate Microeconomics *	BS Social Studies 8-12
ECON	302	Intermediate Macroeconomics	BS Social Studies 8-12
ENGL	101	Introduction to College Writing	64-hour Rank Change Program -- Career and Technical Education
ENGL	102	Intermediate College Writing	64-hour Rank Change Program -- Career and Technical Education BS Early Ele. Ed Cert with MSD; BS Early Ele. Ed. P-5; BS Early Ele. Ed. with French; BS Early Ele. Ed. with IECE; BS Early Ele. Ed. with Math 5-9; BS Early Ele. Ed. with Spanish; BS in Early Ele. Ed with LBD; BS. in Early Ele. Ed. with Science (5-9); BS. in Early Ele. Ed. with Social Studies (5-9); BS. in Early Elementary Ed with English (5-9)
ENGL	202	Introduction to Creative Writing	BS. in Early Elementary Ed with English (5-9); BS English-Language Arts 5-9 and LBD P-12; BS English-Language Arts and Social Studies 5-9; BS Math and English 5-9; English and Communication Ed leads to 5-9 Cert
ENGL	300	Introduction to English Studies	English Ed., leads to 8-12 Cert.
ENGL	301	British Literature I	BS. in Early Elementary Ed with English (5-9); BS English 8-12; BS English 8-12; English and Communication Ed leads to 5-9 Cert; English Ed., leads to 8-12 Cert.; English Ed., leads to 8-12 Cert.; BS in Language Arts 5-9
ENGL	302	British Literature II	BS. in Early Elementary Ed with English (5-9); BS English 8-12; BS English 8-12; English and Communication Ed leads to 5-9 Cert; English Ed., English Ed., leads to 8-12 Cert.
ENGL	303	Scientific & Technical Writing	BS. in Early Elementary Ed with English (5-9); English and Communication Ed leads to 5-9 Cert; Business Ed leads to 5-12 Cert
ENGL	306	Business Writing	BS. in Early Elementary Ed with English (5-9); English and Communication Ed leads to 5-9 Cert; Business Ed leads to 5-12 Cert
ENGL	309	Advanced Academic Writing	BS. in Early Elementary Ed with English (5-9); English and Communication Ed leads to 5-9 Cert; Business Ed leads to 5-12 Cert
ENGL	310	Writing About Literature	BS. in Early Elementary Ed with English (5-9); English and Communication Ed leads to 5-9 Cert; Business Ed leads to 5-12 Cert
ENGL	310	Writing About Literature	BS English-Language Arts 5-9 and LBD P-12; BS English-Language Arts and Social Studies 5-9; BS in Language Arts 5-9; BS Math and English 5-9; BS English 8-12; English Ed., leads to 8-12 Cert.
ENGL	311	American Literature I	BS. in Early Elementary Ed with English (5-9); BS English 8-12; English and Communication Ed leads to 5-9 Cert; English Ed., leads to 8-12 Cert.; BS in Language Arts 5-9; BS English 8-12; English Ed., leads to 8-12 Cert.
ENGL	312	American Literature II	BS. in Early Elementary Ed with English (5-9); BS English 8-12; English and Communication Ed leads to 5-9 Cert; English Ed., leads to 8-12 Cert.; BS in Language Arts 5-9; BS English 8-12; English Ed., leads to 8-12 Cert.
ENGL	325	Introduction to Linguistics	BS in Early Elementary Ed with English (5-9); BS in Language Arts 5-9
ENGL	333	Shakespeare I	BS in Language Arts 5-9
ENGL	334	Shakespeare II	BS in Language Arts 5-9
ENGL	342	Black Women Novelists	BS English-Language Arts 5-9 and LBD P-12; BS English-Language Arts and Social Studies 5-9; BS in Language Arts 5-9; BS English 8-12
ENGL	368	Minority Traditions in American Literature	BS English-Language Arts 5-9
ENGL	369	Minority Traditions in American Literature	BS English-Language Arts 5-9 and LBD P-12; BS English-Language Arts and Social Studies 5-9; BS in Language Arts 5-9; BS English 8-12
ENGL	373	Women in Literature	BS. in Early Elementary Ed with English (5-9); BS English 8-12; English and Communication Ed leads to 5-9 Cert; English Ed., leads to 8-12 Cert.
ENGL	413	British Literature from the Beginning through Shakespeare	BS English 8-12; English Ed., leads to 8-12 Cert.; BS in Language Arts 5-9
ENGL	414	British Literature from Shakespeare	BS English 8-12; English Ed., leads to 8-12 Cert.

		through Neo-Classical Period	
ENGL	415	Nineteenth-Century British Literature	BS English 8-12; English Ed., leads to 8-12 Cert.
ENGL	416	Modern British and Irish Literature	BS English 8-12; English Ed., leads to 8-12 Cert.
ENGL	417	Contemporary British and Post-Colonial Literature	BS English 8-12; English Ed., leads to 8-12 Cert.
ENGL	418	American Literature to 1830	English Ed., leads to 8-12 Cert.; BS in Language Arts 5-9; BS English 8-12; English Ed., leads to 8-12 Cert.
ENGL	419	American Literature from 1830-1865	English Ed., leads to 8-12 Cert.; BS in Language Arts 5-9; BS English 8-12; English Ed., leads to 8-12 Cert.
ENGL	420	American Literature from 1865 to 1910 -WR	BS in Language Arts 5-9; BS English 8-12; English Ed., leads to 8-12 Cert.
ENGL	421	American Literature from 1910 to 1960 -WR	BS in Language Arts 5-9; BS English 8-12; English Ed., leads to 8-12 Cert.
ENGL	422	American Literature from 1960 to the Present -WR	BS in Language Arts 5-9; BS English 8-12; English Ed., leads to 8-12 Cert.
ENGL	423	African American Literature from 1845 to the Present	BS English-Language Arts 5-9 and LBD P-12; BS English-Language Arts and Social Studies 5-9; BS in Language Arts 5-9; BS English 8-12; BS in Language Arts 5-9; BS English 8-12; English Ed., leads to 8-12 Cert.
ENGL	491	Interpretive Theory: New Criticism to the Present	English Ed., leads to 8-12 Cert.
ENGL	506	Teaching of Writing	BS. in Early Elementary Ed with English (5-9); BS English-Language Arts 5-9 and LBD P-12; BS English-Language Arts and Social Studies 5-9; BS in Language Arts 5-9; BS Math and English 5-9; BS English 8-12; English Ed., leads to 8-12 Cert.
ENGL	518	Foundations of Language	BS in Language Arts 5-9
ENGL	522	Structure of Modern English	BS in Language Arts 5-9
ENGL	535	Topics in Applied Linguistics	BS in Language Arts 5-9
ENGL	549	Studies in Post-Colonial and/or Ethnic Literature	BS in Language Arts 5-9
ENGL	562	Shakespeare	BS in Language Arts 5-9
ENGL	567	Post-Colonial Voices: Writing Experiences in African Literature	BS in Language Arts 5-9
ENGL	621	Sociolinguistics	Endorsement in Teaching English as a Second Language
FREN	320	French Skills Overview	BS Early Ele. Ed. with French; BS in French P-12; French P-12, World Lang. Ed.; P-12 French Cert. for those holding Initial Teaching Cert.
FREN	321	Conversation	BS Early Ele. Ed. with French; BS in French P-12; French P-12, World Lang. Ed.; P-12 French Cert. for those holding Initial Teaching Cert.
FREN	322	Composition	BS Early Ele. Ed. with French; BS in French P-12; French P-12, World Lang. Ed.; P-12 French Cert. for those holding Initial Teaching Cert.
FREN	331	Foundations of French Civilization	BS Early Ele. Ed. with French; BS in French P-12; French P-12, World Lang. Ed.; P-12 French Cert. for those holding Initial Teaching Cert.
FREN	332	France Today	BS Early Ele. Ed. with French; BS in French P-12; French P-12, World Lang. Ed.; P-12 French Cert. for those holding Initial Teaching Cert.
FREN	455	Reading in French	BS Early Ele. Ed. with French; BS in French P-12; French P-12, World Lang. Ed.; P-12 French Cert. for those holding Initial Teaching Cert.
FREN	523	Advanced Communication Skills	BS Early Ele. Ed. with French; BS in French P-12; French P-12, World Lang. Ed.; P-12 French Cert. for those holding Initial Teaching Cert.
FREN	524	Theory and Practice of Translation	BS in French P-12; French P-12, World Lang. Ed.
GEOG	200	Power of Place	BS. in Early Ele. Ed. with Social.Studies (5-9); BS English-Language Arts and Social Studies 5-9; BS Math and Science 5-9; BS Math and Social Studies 5-9; BS Social Studies 5-9 and LBD; BS Social Studies 8-12; Social Studies Ed., leads to 5-9 Cert.; Earth Science Ed., leads to 8-12 Cert.
GEOG	300	Globalization and Diversity *	BS Social Studies 8-12
GEOG	301	The Geography of Kentucky	BS Social Studies 8-12
GEOG	307	The Geography of U.S. and Canada	BS Social Studies 8-12; Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal; Requirements for Music Ed., leads to P-12 Cert, Conc. Instrument
GEOG	327	Economic Geography	Social Studies Ed., leads to 5-9 Cert.

GEOS	200	The Global Environment	BS Early Ele. Ed. Cert. with MSD; BS Early Ele. Ed. P-5; BS Early Ele. Ed. with French; BS Early Ele. Ed. with IECE; BS Early Ele. Ed. with Math 5-9; BS Early Ele. Ed. with Spanish; BS in Early Ele. Ed. with LBD; BS. in Early Ele. Ed. with Science (5-9); BS. in Early Ele. Ed. with Social.Studies (5-9); BS. in Early Elementary Ed. with English (5-9); BS in Social Studies 5-9; BS Math and Science 5-9; BS Biology 8-12; BS Earth-Space Sci 8-12; BS Social Studies 8-12; Science Ed., leads to 5-9 Cert; Earth Science Ed., leads to 8-12 Cert.; 8-12 Earth Science Certi. Extension Requirements for Teachers with initial teach. Cert.
GEOS	220	Contemporary Issues-Meterology	Science Ed., leads to 5-9 Cert; Earth Science Ed., leads to 8-12 Cert.; 8-12 Earth Science Certi. Extension Requirements for Teachers with initial teach. Cert.
GEOS	301	Geology for Scientists and Engineers	BS Math and Science 5-9; Science Ed., leads to 5-9 Cert
GEOS	360	Global Environmental Change	BS Earth-Space Sci 8-12; 8-12 Earth Science Certi. Extension Requirements for Teachers with initial teach. Cert.
GEOS	361	Human Societies and Environment	BS. in Early Ele. Ed. with Social.Studies (5-9); BS English-Language Arts and Social Studies 5-9; BS Math and Science 5-9; BS Math and Social Studies 5-9; BS Social Studies 5-9 and LBD; BS Social Studies 8-12; Social Studies Ed., leads to 5-9 Cert.; Earth Science Ed., leads to 8-12 Cert.
GEOS	363	Climatology	BS Earth-Space Sci 8-12; Science Ed., leads to 5-9 Cert
GEOS	365	Biogeography	BS Biology 8-12; Science Ed., leads to 5-9 Cert
GEOS	367	Geomorphology	BS Earth-Space Sci 8-12; Science Ed., leads to 5-9 Cert; Earth Science Ed., leads to 8-12 Cert.
GEOS	564	Hydrology	BS Earth-Space Sci 8-12; Earth Science Ed., leads to 8-12 Cert.
HIST	101	History of Civilizations I (also counts for Gen Ed SB)	BS. in Early Ele. Ed. with Social.Studies (5-9); BS English-Language Arts and Social Studies 5-9; BS in Social Studies 5-9; BS Math and Social Studies 5-9; BS Social Studies 5-9 and LBD; BS Social Studies 8-12; Social Studies Ed., leads to 5-9 Cert.; Social Studies Ed., leads to 8-12 Cert.
HIST	102	History of Civilizations II	BS. in Early Ele. Ed. with Social.Studies (5-9); BS English-Language Arts and Social Studies 5-9; BS in Social Studies 5-9; BS Math and Social Studies 5-9; BS Social Studies 5-9 and LBD; BS Social Studies 8-12; Social Studies Ed., leads to 5-9 Cert.; Social Studies Ed., leads to 8-12 Cert.
HIST	211	American History I	BS. in Early Ele. Ed. with Social.Studies (5-9); BS English-Language Arts and Social Studies 5-9; BS in Social Studies 5-9; BS Math and Social Studies 5-9; BS Social Studies 5-9 and LBD; BS Social Studies 8-12; Social Studies Ed., leads to 5-9 Cert.; Social Studies Ed., leads to 8-12 Cert.
HIST	212	American History II	BS. in Early Ele. Ed. with Social.Studies (5-9); BS English-Language Arts and Social Studies 5-9; BS in Social Studies 5-9; BS Math and Social Studies 5-9; BS Social Studies 5-9 and LBD; BS Social Studies 8-12; Social Studies Ed., leads to 5-9 Cert.; Social Studies Ed., leads to 8-12 Cert.
HIST	316	American Constitutional History	BS Social Studies 8-12
HIST	320	African American History II (cross-listed with PAS 320)	BS Social Studies 8-12
HIST	324	The History of Women, 1700 to Present *	BS Social Studies 8-12
HIST	353	Europe in the Sixteenth Century	BS Social Studies 8-12
HIST	357	Middle Eastern History, 1453 to the Present	BS Social Studies 8-12
HIST	367	British Imperialism	BS Social Studies 8-12
HIST	392	Modern African Cultures	BS Social Studies 8-12
HIST	583	Women in the Twentieth Century in Europe and U.S.	BS Social Studies 8-12
HUM	301	Ancient Greek and Roman Cultures	BS in Language Arts 5-9; BS English 8-12
HUM	302	Medieval Culture	BS in Language Arts 5-9; BS English 8-12
HUM	303	Renaissance Cultures	BS in Language Arts 5-9; BS English 8-12
HUM	325	Survey of Film & Culture	BS in Language Arts 5-9
HUM	338	Greek Mythology	BS in Language Arts 5-9; BS English 8-12
HUM	339,	Studies in World Mythology	BS in Language Arts 5-9; BS English 8-12

HUM	354	Masterpieces of Ancient Greece - WR	BS in Language Arts 5-9; BS English 8-12
HUM	355	Masterpieces of Ancient Rome	BS in Language Arts 5-9; BS English 8-12
HUM	356	Masterpieces of the Middle Ages- Wr	BS in Language Arts 5-9; BS English 8-12
HUM	357	Masterpieces of The Renaissance -WR	BS in Language Arts 5-9; BS English 8-12
HUM	591	Perspectives on Ancient Culture - WR	BS in Language Arts 5-9; BS English 8-12
HUM	592	Perspectives on Medieval Culture - WR	BS in Language Arts 5-9; BS English 8-12
LING	518	Foundations of Language	BS Math and English 5-9
LING	522	Structure of Modern American English	BS Math and English 5-9; Endorsement to Teach English as a Second Language
LING	630	Language and Culture	Endorsement in Teaching English as a Second Language
MATH	107	Finite Mathematics	BS Early Ele. Ed. with Math 5-9; BS in Mathematics 5-9; BS Math 5-9 and LBD P-12; BS Math and English 5-9; BS Math and Science 5-9; BS Math and Social Studies 5-9; Mathematics Ed., leads to 5-9 Cert.
MATH	109	Elementary Statistics	BS Early Ele. Ed. with Math 5-9; BS in Mathematics 5-9; BS Math 5-9 and LBD P-12; BS Math and English 5-9; BS Math and Science 5-9; BS Math and Social Studies 5-9; Mathematics Ed., leads to 5-9 Cert.; Chemistry Ed., leads to 8-12 Cert.; Earth Science Ed., leads to 8-12 Cert.
MATH	111	College Algebra	BS in Mathematics 5-9
MATH	112	Trigonometry	BS Early Ele. Ed. with Math 5-9; BS in Mathematics 5-9; BS Math 5-9 and LBD P-12; BS Math and English 5-9; BS Math and Science 5-9; BS Math and Social Studies 5-9; Mathematics Ed., leads to 5-9 Cert.; Earth Science Ed., leads to 8-12 Cert.
MATH	151	Math for Elementary Education I	BS Early Ele. Ed. Cert. with MSD; BS Early Ele. Ed. P-5; BS Early Ele. Ed. with French; BS Early Ele. Ed. with IECE; BS Early Ele. Ed. with Math 5-9; BS Early Ele. Ed. with Spanish; BS in Early Ele. Ed. with LBD; BS. in Early Ele. Ed. with Science (5-9); BS. in Early Ele. Ed. with Social.Studies (5-9); BS. in Early Elementary Ed with English (5-9); BS in Mathematics 5-9; BS Math 5-9 and LBD P-12; BS Math and English 5-9; BS Math and Science 5-9; BS Math and Social Studies 5-9; Mathematics Ed., leads to 5-9 Cert.
MATH	152	Math for Elementary Education II	BS Early Ele. Ed. Cert. with MSD; BS Early Ele. Ed. P-5; BS Early Ele. Ed. with French; BS Early Ele. Ed. with IECE; BS Early Ele. Ed. with Math 5-9; BS Early Ele. Ed. with Spanish; BS in Early Ele. Ed. with LBD; BS. in Early Ele. Ed. with Science (5-9); BS. in Early Ele. Ed. with Social.Studies (5-9); BS. in Early Elementary Ed with English (5-9); BS in Mathematics 5-9
MATH	180	Elements of Calculus	BS Early Ele. Ed. with Math 5-9; BS in Mathematics 5-9; BS in Science 5-9; BS Math 5-9 and LBD P-12; BS Math and English 5-9; BS Math and Science 5-9; BS Math and Social Studies 5-9; BS Biology 8-12; BS Chemistry 8-12; BS in Physics 8-12; BS Mathematics 8-12; Mathematics Ed., leads to 5-9 Cert.; Chemistry Ed., leads to 8-12 Cert.; Mathematics Ed., leads to 8-12 Cert.; Physics Ed., leads to 8-12 Cert.; 8-12 Mathematics Cert. for those holding Initial Teaching Cert.
MATH	190	Precalculus	BS Early Ele. Ed. with Math 5-9; BS in Mathematics 5-9; BS Math 5-9 and LBD P-12; BS Math and English 5-9; BS Math and Science 5-9; BS Math and Social Studies 5-9; Mathematics Ed., leads to 5-9 Cert.; Earth Science Ed., leads to 8-12 Cert.
MATH	205	Calculus I	BS Early Ele. Ed. with Math 5-9; BS in Mathematics 5-9; BS in Science 5-9; BS Math 5-9 and LBD P-12; BS Math and English 5-9; BS Math and Science 5-9; BS Math and Social Studies 5-9; BS Biology 8-12; BS Chemistry 8-12; BS in Physics 8-12; BS Mathematics 8-12; Mathematics Ed., leads to 5-9 Cert.; Chemistry Ed., leads to 8-12 Cert.; Mathematics Ed., leads to 8-12 Cert.; Physics Ed., leads to 8-12 Cert.; 8-12 Mathematics Cert. for those holding Initial Teaching Cert.
MATH	206	Calculus II	BS Chemistry 8-12; BS in Physics 8-12; BS Mathematics 8-12; Chemistry Ed., leads to 8-12 Cert.; Mathematics Ed., leads to 8-12 Cert; Physics Ed., leads to 8-12 Cert.; 8-12 Mathematics Cert. for those holding Initial Teaching Cert.
MATH	301	Calculus III	BS in Physics 8-12; BS Mathematics 8-12; Mathematics Ed., leads to 8-12 Cert; Physics Ed., leads to 8-12 Cert.
MATH	311	Introduction to Higher Mathematics	BS Mathematics 8-12; Mathematics Ed., leads to 8-12 Cert; 8-12 Mathematics Cert. for those holding Initial Teaching Cert.

MATH	325	Introduction to Linear Algebra [^]	BS Mathematics 8-12; Mathematics Ed., leads to 8-12 Cert; 8-12 Mathematics Cert. for those holding Initial Teaching Cert.
MATH	350	Geometric Investigations	BS in Mathematics 5-9; BS Math 5-9 and LBD P-12; BS Math and English 5-9; BS Math and Science 5-9; BS Math and Social Studies 5-9; Mathematics Ed., leads to 5-9 Cert.; BS Early Ele. Ed. with Math 5-9
MATH	387	Discrete Mathematics [^]	BS Mathematics 8-12; Mathematics Ed., leads to 8-12 Cert; 8-12 Mathematics Cert. for those holding Initial Teaching Cert.
MATH	451	Problem Solving for Teachers ¹	BS Early Ele. Ed. with Math 5-9; BS Math 5-9 and LBD P-12; BS Math and English 5-9; BS Math and Science 5-9; BS Math and Social Studies 5-9; Mathematics Ed., leads to 5-9 Cert.
MATH	521	Modern Algebra I	BS Mathematics 8-12; Mathematics Ed., leads to 8-12 Cert; 8-12 Mathematics Cert. for holding Initial Teaching Cert.
MATH	550	Advanced Euclidean Geometry	BS Mathematics 8-12; Mathematics Ed., leads to 8-12 Cert; 8-12 Mathematics Cert. for holding Initial Teaching Cert.
MATH	551	Geometry I	BS Mathematics 8-12; Mathematics Ed., leads to 8-12 Cert; 8-12 Mathematics Cert. for holding Initial Teaching Cert.
MATH	560	Statistical Data Analysis	Mathematics Ed., leads to 8-12 Cert.
MATH	561	Probability	BS Mathematics 8-12; Mathematics Ed., leads to 8-12 Cert; 8-12 Mathematics Cert. for holding Initial Teaching Cert.
MATH	562	Mathematical Statistics	BS Mathematics 8-12; Mathematics Ed., leads to 8-12 Cert
MATH	590	History of Mathematics	BS Mathematics 8-12
MGMT	301	Management and Organizational Behavior	Business Ed leads to 5-12 Cert
MKT	301	Principles of Marketing*	Business Ed leads to 5-12 Cert
MKT	310	Retailing	Business Ed leads to 5-12 Cert
MKT	311	Marketing Channels	Business Ed leads to 5-12 Cert
MKT	350	Consumer Behavior	Business Ed leads to 5-12 Cert
MUED	520	Student Teaching (Elementary) *	BME music Instrumental Emphasis; Music Vocal Emphasis ; BME Music Keyboard Emph
MUED	533	Human Interaction Professional Growth	BME music Instrumental Emphasis; Music Vocal Emphasis ; BME Music Keyboard Emph
MUED	534	Student Teaching (Secondary) *	BME music Instrumental Emphasis; Music Vocal Emphasis ; BME Music Keyboard Emph
MUED	556	Special Method-Instrumental Music	BME music Instrumental Emphasis; Music Vocal Emphasis ; BME Music Keyboard Emph
MUED	605	Pre-Student Teaching Orientation and General Methods (Vocal) (Fall, Spring)	MAT Music, P-12
MUED	606	Pre-Student Teaching Orientation and General Methods (Instrumental) OR General Methods (Vocal)	MAT Music, P-12
MUED	607	Student Teaching Seminar*	MAT Music, P-12
MUED	608	Student Teaching Seminar*	MAT Music, P-12
MUED	609	Capstone Seminar (<i>Second semester of student teaching</i>) *	MAT Music, P-12
MUED	610	Music Student Teaching in Elementary/Secondary Schools I (CE)*	MAT Music, P-12
MUED	611	Music Student Teaching in Elementary/Secondary Schools II (CE)*	MAT Music, P-12
MUED	628	Qualitative Research Methods in Music Education	MAT Music, P-12
MUED	629	Foundations of Music Education	MAT Music, P-12
MUED	630	Qualitative Research Methods in Music Education	MAT Music, P-12
MUED	639	Learning Theories in Music Ed	MAT Music, P-12
MUS	111-411	Piano, Voice	BME Music Keyboard Emphasis; BME Music Vocal Emphasis; Requirements for Music leads to P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, C

			Vocal; Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument
MUS	097	Recital Attendance 097	BME Music Keyboard Emphasis; Music Vocal Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal; Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument
MUS	109	Principle Ensemble	BME Music Keyboard Emphasis; Music Vocal Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal; Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument
MUS	116	Introduction to Music Education	Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal; Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument
MUS	118	Introduction to Jazz Improvisation	Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal; Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument
MUS	119	Minor Ensemble	BME Music Keyboard Emphasis; Instrumental Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Instrumental; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal; Requirements for Music Ed.
MUS	123	Diction	BME Music Keyboard Emphasis; Music Vocal Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal
MUS	124	Diction	BME Music Keyboard Emphasis; Music Vocal Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal
MUS	131	Class Piano	BME Music Vocal Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal; Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument
MUS	132	Class Piano	BME Music Vocal Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal; Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument
MUS	133	Voice	BME Music Keyboard Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard
MUS	135	Brass Methods and Techniques	Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument ; BME music Instrumental Emphasis; Music Vocal Emphasis; BME Music Keyboard Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal
MUS	136	Brass methods	BME music Instrumental Emphasis; Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument
MUS	137	Percussion Methods	Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument ; BME music Instrumental Emphasis; BME Music Keyboard Emphasis
MUS	141	Music Theory	BME Music Keyboard Emphasis; Music Vocal Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal; Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument
MUS	142	Music Theory	BME Music Keyboard Emphasis; Music Vocal Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal; Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument
MUS	227	Voice Class	BME music Instrumental Emphasis; Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument
MUS	228	Elem. School Music Methods	Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument ; BME music Instrumental Emphasis; Music Vocal Emphasis ; BME Music Keyboard Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal
MUS	231	Class Piano	Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument
MUS	232	Class Piano	Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument
MUS	235	Woodwind Methods and Techniques	BME music Instrumental Emphasis; Music Vocal Emphasis; Music Vocal Emphasis ; BME Music Keyboard Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal; Requirements for Music Ed., leads to P-12 Cert,Conc.Instrument
MUS	236	Woodwind Methods	BME music Instrumental Emphasis; Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument
MUS	241	Music Theory	BME Music Keyboard Emphasis; Music Vocal Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal; Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument
MUS	242	Music Theory	BME Music Keyboard Emphasis; Music Vocal Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal; Requirements for Music Ed.,leads to P-12 Cert,Conc.Instrument

MUS	328	Middle and Junior High school Music Methods*	Requirements for Music Ed., leads to P-12 Cert, Conc. Instrument ; BME Music Keyboard Emphasis; Music Vocal Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal
MUS	332	Class Piano	BME Music Vocal Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Vo Requirements for Music Ed., leads to P-12 Cert, Conc. Instrument
MUS	334	Voice	BME Music Keyboard Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard
MUS	335	String Methods and Techniques	Requirements for Music Ed., leads to P-12 Cert, Conc. Instrument ; BME music Instrument Emphasis; Music Vocal Emphasis ; BME Music Keyboard Emphasis; Requirements for Ed., leads to P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Ce Conc. Vocal
MUS	336	String Methods and Techniques	BME music Instrumental Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Instrument
MUS	337	Marching Band Techniques	BME music Instrumental Emphasis; Requirements for Music Ed., leads to P-12 Cert, Conc. Instrument
MUS	337	Marching Band Techniques	Requirements for Music Ed., leads to P-12 Cert, Conc. Instrument
MUS	338	Jazz Methods	BME music Instrumental Emphasis; Requirements for Music Ed., leads to P-12 Cert, Co Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Vocal; Requirements Music Ed., leads to P-12 Cert, Conc. Instrument
MUS	339	String Pedagogy and Educational String Literature	Requirements for Music Ed., leads to P-12 Cert, Conc. Instrument
MUS	345	Ensemble Scoring I	Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard; Requirements for Mu leads to P-12 Cert, Conc. Vocal; Requirements for Music Ed., leads to P-12 Cert, Conc. Instrument
MUS	346	Ensemble Scoring II	Requirements for Music Ed., leads to P-12 Cert, Conc. Keyboard; Requirements for Mu leads to P-12 Cert, Conc. Vocal; Requirements for Music Ed., leads to P-12 Cert, Conc. Instrument
MUS	347	Analysis	BME Music Keyboard Emphasis; Music Vocal Emphasis; Requirements for Music Ed., l P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Voc Requirements for Music Ed., leads to P-12 Cert, Conc. Instrument
MUS	360-02	Advanced Choral Conducting	BME Music Keyboard Emphasis; Music Vocal Emphasis; Requirements for Music Ed., l P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Voc Requirements for Music Ed., leads to P-12 Cert, Conc. Instrument
MUS	359	Introduction to Conducting	BME Music Keyboard Emphasis; Music Vocal Emphasis; Requirements for Music Ed., l P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Voc Requirements for Music Ed., leads to P-12 Cert, Conc. Instrument
MUS	361-01	Music Literature	BME Music Keyboard Emphasis; Music Vocal Emphasis; Requirements for Music Ed., l P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Instru
MUS	361-02	Music Literature	BME Music Keyboard Emphasis; Music Vocal Emphasis; Requirements for Music Ed., l P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Instru
MUS	361-03	Music Literature	BME Music Keyboard Emphasis; Music Vocal Emphasis; Requirements for Music Ed., l P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Instru
MUS	361-04	Music Literature	BME Music Keyboard Emphasis; Music Vocal Emphasis; Requirements for Music Ed., l P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Instru
MUS	428	Choral Techniques	BME Music Keyboard Emphasis; Music Vocal Emphasis; Requirements for Music Ed., l P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Voc
MUS	446	Band Scoring	BME Instrumental Emphasis
MUS	511	Applied Music	MAT Music, P-12
MUS	512	Applied Music	MAT Music, P-12
MUS	571	Piano/Voice Pedagogy	BME Music Keyboard Emphasis; Music Vocal Emphasis; Requirements for Music Ed., l P-12 Cert, Conc. Keyboard; Requirements for Music Ed., leads to P-12 Cert, Conc. Voc
MUS	611	Applied Music	MAT Music, P-12
MUS	612	Applied Music	MAT Music, P-12
MUS	628	Qualitative Research Methods in Music Education	MAT Music, P-12
MUS	629	Foundations of Music Education	MAT Music, P-12
MUS	630	Quantitative Research Methods in Music Education	MAT Music, P-12
MUS	639	Learning Theories in Music	MAT Music, P-12

		Education	
MUS	659	Conducting	MAT Music, P-12
MUS	660	Conducting	MAT Music, P-12
MUSE	525	Music for Elementary Education	BS Early Ele. Ed. P-5
PAS	227	Survey of American Diversity	BS Early Ele. Ed. Cert. with MSD; BS Early Ele. Ed. P-5; BS Early Ele. Ed. with French; BS Early Ele. Ed. with IECE; BS Early Ele. Ed. with Math 5-9; BS Early Ele. Ed. with Spanish; BS in Early Ele. Ed. with LBD; BS. in Early Ele. Ed. with Science (5-9); BS. in Early Ele. Ed. with Social.Studies (5-9); BS. in Early Elementary Ed with English (5-9); BS Social Studies 8-12
PAS	320	African American History II (cross-listed with HIST 320)	BS Social Studies 8-12
PAS	322	The History of the Civil Rights Movement, 1900 to Present	BS Social Studies 8-12
PAS	338	Race and Economics	BS Social Studies 8-12
PAS	340	African-American Literature	BS. in Early Elementary Ed with English (5-9); BS English 8-12; English and Communication Ed leads to 5-9 Cert; English Ed., leads to 8-12 Cert.
PAS	362	Civil Rights and the Law	BS Social Studies 8-12
PAS	363	Civil Rights and the Law II	BS Social Studies 8-12
PAS	368	Race, Culture, Identity	BS Social Studies 8-12
PAS	529	Teacher Institute on African-American Issues	BS Social Studies 8-12
PAS	531	Survey of African-American History and Culture for Teachers	BS Social Studies 8-12
PAS	535	History of African Americans in Kentucky	BS Social Studies 8-12
PHYS	107	Elementary Astronomy	BS in Science 5-9; BS Math and Science 5-9; BS Earth-Space Sci 8-12; Science Ed., leads to 5-9 Cert; Earth Science Ed., leads to 8-12 Cert.; 8-12 Earth Science Certi. Extension Requirements for Teachers with initial teach. Cert.
PHYS	108	Elementary Astronomy Lab	BS in Science 5-9; BS Math and Science 5-9; BS Earth-Space Sci 8-12; Earth Science Ed., leads to 8-12 Cert.; 8-12 Earth Science Certi. Extension Requirements for Teachers with initial teach. Cert.
PHYS	111	Elements of Physics	BS. in Early Ele. Ed. with Science (5-9); BS Math 5-9 and LBD P-12; BS Math and English 5-9; BS Math and Science 5-9; BS Math and Science 5-9; BS Math and Social Studies 5-9; BS Biology 8-12;
PHYS	220	Contemporary Issues in Meteorology (cross-listed with GEOS 220)	BS in Science 5-9; BS Earth-Space Sci 8-12; Earth Science Ed., leads to 8-12 Cert.
PHYS	221	Fundamentals of Physics I	BS in Mathematics 5-9; BS in Science 5-9; BS Chemistry 8-12; Chemistry Ed., leads to 8-12 Cert.; 8-12 Physics ed. Certi. Extension Requirements for Teachers with initial teach. Cert.
PHYS	222	Fundamentals of Physics II	BS in Mathematics 5-9; BS in Science 5-9; BS Chemistry 8-12; Chemistry Ed., leads to 8-12 Cert.; 8-12 Physics ed. Certi. Extension Requirements for Teachers with initial teach. Cert.
PHYS	223	Fundamentals of Physics I Lab	BS in Mathematics 5-9; BS in Science 5-9; BS Chemistry 8-12; Chemistry Ed., leads to 8-12 Cert.; 8-12 Physics ed. Certi. Extension Requirements for Teachers with initial teach. Cert.
PHYS	224	Fundamentals of Physics II Lab	BS in Mathematics 5-9; BS in Science 5-9; Chemistry Ed., leads to 8-12 Cert.; 8-12 Physics ed. Certi. Extension Requirements for Teachers with initial teach. Cert.
PHYS	295	Introductory Laboratories I	BS in Physics 8-12; Physics Ed., leads to 8-12 Cert.
PHYS	298	Introductory Mechanics, Heat and Sound	BS in Physics 8-12; Physics Ed., leads to 8-12 Cert.
PHYS	299	Introductory Electricity, Magnetism and Light	BS in Physics 8-12; Physics Ed., leads to 8-12 Cert.
PHYS	296	Introductory Laboratories II	BS in Physics 8-12; Physics Ed., leads to 8-12 Cert.
PHYS	300	Introductory Modern Physics	BS in Physics 8-12; Physics Ed., leads to 8-12 Cert.; 8-12 Physics ed. Certi. Extension Requirements for Teachers with initial teach. Cert.
PHYS	301	Introductory Modern Physics Lab	BS in Physics 8-12; Physics Ed., leads to 8-12 Cert.; 8-12 Physics ed. Certi. Extension Requirements for Teachers with initial teach. Cert.

PHYS	460	Mechanics	BS in Physics 8-12; Physics Ed., leads to 8-12 Cert.
PHYS	530	Thermodynamics	BS in Physics 8-12; Physics Ed., leads to 8-12 Cert.
PHYS	541	Electromagnetic Fields	Physics Ed., leads to 8-12 Cert.
POLS	201	Fundamentals of American Govt	BS. in Early Ele. Ed. with Social Studies (5-9); BS English-Language Arts and Social Studies 5-9; BS Math and Social Studies 5-9; BS Social Studies 5-9 and LBD; BS Social Studies 8-12; Social Studies Ed., leads to 5-9 Cert.; Social Studies Ed., leads to 8-12 Cert.
POLS	202	Comparative Political Systems	BS. in Early Ele. Ed. with Social Studies (5-9); BS English-Language Arts and Social Studies 5-9; BS Math and Social Studies 5-9; BS Social Studies 5-9 and LBD; BS Social Studies 8-12; Social Studies Ed., leads to 5-9 Cert.; Social Studies Ed., leads to 8-12 Cert.
POLS	311	American Presidency	BS Social Studies 8-12
POLS	317	American Congress	BS Social Studies 8-12
POLS	322	American Political Parties and Elections	BS Social Studies 8-12
POLS	333	American Foreign Policy	BS Social Studies 8-12
POLS	383	American Political Thought	BS Social Studies 8-12
PSYC	201	Intro to Psychology	BS Social Studies 8-12; Social Studies Ed., leads to 8-12 Cert.; MS Communication Disorder P-12
PSYC	321	Introduction to Psychology of Learning	BS Social Studies 8-12
PSYC	322	Cognitive Processes	BS Social Studies 8-12
PSYC	363	Developmental Psychology	BS Social Studies 8-12
PSYC	372	Social Psychology	BS Social Studies 8-12
SOC	201	Intro to Sociology	BS. in Early Ele. Ed. with Social Studies (5-9); BS in Social Studies 5-9; BS Social Studies 8-12; Social Studies Ed., leads to 5-9 Cert.; Social Studies Ed., leads to 8-12 Cert.
SOC	202	Social Problems	BS. in Early Ele. Ed. with Social Studies (5-9); BS in Social Studies 5-9; BS Social Studies 8-12; Social Studies Ed., leads to 5-9 Cert.; Social Studies Ed., leads to 8-12 Cert.
SOC	210	Race in the U.S.	BS Social Studies 8-12
SOC	306	Demography	BS Social Studies 8-12
SOC	329	Families	BS Social Studies 8-12
SOC	334	Sociology of Deviant Behavior	BS Social Studies 8-12
SOC	374	Industrial Sociology	BS Social Studies 8-12
SPAN	201	Continuing Spanish I	BS Early Ele. Ed. with Spanish; BS in Spanish P-12; Social Studies Ed., leads to 5-9 Cert.; Spanish P-12, World Lang. Ed.; P-12 Spanish Cert. for those holding Initial Teaching Cert.
SPAN	202	Continuing Spanish II	BS Early Ele. Ed. with Spanish; BS in Spanish P-12; Spanish P-12, World Lang. Ed.; P-12 Spanish Cert. for those holding Initial Teaching Cert.
SPAN	301	Pronunciation in Spanish	BS Early Ele. Ed. with Spanish; BS in Spanish P-12; Spanish P-12, World Lang. Ed.; P-12 Spanish Cert. for those holding Initial Teaching Cert.
SPAN	305	Language in Context	BS Early Ele. Ed. with Spanish; BS in Spanish P-12; Spanish P-12, World Lang. Ed.; P-12 Spanish Cert. for those holding Initial Teaching Cert.
SPAN	310	Cultural Readings & Writing in Spanish I	BS Early Ele. Ed. with Spanish; BS in Spanish P-12; Spanish P-12, World Lang. Ed.; P-12 Spanish Cert. for those holding Initial Teaching Cert.
SPAN	311	Cultural Readings & Writing in Spanish II	BS Early Ele. Ed. with Spanish; BS in Spanish P-12; Spanish P-12, World Lang. Ed.; P-12 Spanish Cert. for those holding Initial Teaching Cert.
SPAN	321	Conversation	BS Early Ele. Ed. with Spanish; BS in Spanish P-12; Spanish P-12, World Lang. Ed.; P-12 Spanish Cert. for those holding Initial Teaching Cert.
SPAN	322	Composition	BS Early Ele. Ed. with Spanish; BS in Spanish P-12; Spanish P-12, World Lang. Ed.; P-12 Spanish Cert. for those holding Initial Teaching Cert.
SPAN	355	Reading Hispanic Literature	BS Early Ele. Ed. with Spanish; BS in Spanish P-12; Spanish P-12, World Lang. Ed.; P-12 Spanish Cert. for those holding Initial Teaching Cert.
SPAN	401	Foundations of Spanish Civilization	BS Early Ele. Ed. with Spanish; BS in Spanish P-12; Spanish P-12, World Lang. Ed.; P-12 Spanish Cert. for those holding Initial Teaching Cert.
SPAN	402	Cultural & Literary Perspectives on	BS Early Ele. Ed. with Spanish; BS in Spanish P-12; Spanish P-12, World Lang. Ed.;

		Modern Spain	P-12 Spanish Cert. for those holding Initial Teaching Cert.
SPAN	403	Found. of Latin Amer. Nations & Identities	BS Early Ele. Ed. with Spanish; BS in Spanish P-12; Spanish P-12, World Lang. Ed.; P-12 Spanish Cert. for those holding Initial Teaching Cert.
SPAN	404	Cultural & Literary Persp. on Modern Latin America	BS Early Ele. Ed. with Spanish; BS in Spanish P-12; Spanish P-12, World Lang. Ed.; P-12 Spanish Cert. for those holding Initial Teaching Cert.
SPAN	422	Spanish Phonetics and Diction	BS Early Ele. Ed. with Spanish; BS in Spanish P-12; Spanish P-12, World Lang. Ed.; P-12 Spanish Cert. for those holding Initial Teaching Cert.
SPAN	523	Advanced Communication Skills	BS Early Ele. Ed. with Spanish; BS in Spanish P-12; Spanish P-12, World Lang. Ed.; P-12 Spanish Cert. for those holding Initial Teaching Cert.
SPAN	524	Introduction to Hispanic Linguistics	BS Early Ele. Ed. with Spanish; BS in Spanish P-12; Spanish P-12, World Lang. Ed.; P-12 Spanish Cert. for those holding Initial Teaching Cert.
SW	630	School Social Work: Policy Practice	School Social Work Specialization
SW	668	Advanced Research Practice I	School Social Work Specialization
SW	669	Advanced Research Practice II	School Social Work Specialization
SW	672	Social Work Practicum III	School Social Work Specialization
SW	673	Social Work Practicum IV	School Social Work Specialization
SW	697	Advanced Practice I	School Social Work Specialization
SW	698	Advanced Practice II	School Social Work Specialization
SW	699	Advanced Practice III	School Social Work Specialization
TA	324	Acting for Non-Majors	BS in Language Arts 5-9
WGST	326	Gender & Children's Literature	BS in Language Arts 5-9
WGST	395	Women, Media, & Culture	BS in Language Arts 5-9