CONTENT COURSE REQUIREMENTS BY CERTIFICATION TYPE (cum 3.0 GPA required)

*** Courses marked in Red must be completed prior to student teaching and/or PA Intern Certification**

PreK-4
ENGL COMP
LITERATURE
US HISTORY
LIN MATH/PRE CALC
PROB/STAT
CHEM/PHYS/ASTR
HEALTH/WELL/NUTR
PSYCHOLOGY
ECONOMICS
ENVIR. ISS
BIOLOGY

PHYSICS (7-12)
ENGL COMP
LITERATURE
CALC I
CALC II
LIN. ALGEBRA
DIFF. EQUATIONS
GEN CHEMISTRY
PHYSICS
PHYSICS II
PHYSICS III
ELECTROMGNT FIELDS
THERMODYN.
CLASSICAL MECH
QUANTUM MECHAN

ENGLISH (7-12)
ENGL COMP
AMERICAN LIT I
AMERICAN LIT II
ENGLISH LIT I
ENGLISH LIT II
WORLD LIT/MYTH
DIV/MULTI CULT LIT
ADOLESCENT LIT
LINGUISTICS
SPEECH
WRITING
LIN MATH/PRE CALC
PROB/STAT
CHEM/PHYS/ASTR
BIOLOGY
ART/MUSIC

SOCIAL STUDIES (7-12)
ENGL COMP
LITERATURE
LINEAR MATH/PRE-CAL
PROB/STAT
US HISTORY I
US HISTORY II
WORLD HISTORY I
WORLD HISTORY II
PA HISTORY
CIVICS/GOV'T
ECONOMICS
GEOGRAPHY
ANTHROPOLOGY
SOCIAL PSYCHOLOGY
SOCIOLOGY

CHEMISTRY (7-12)
ENGL COMP
LITERATURE
CALC I
CALC II
QUAN.ANAL/ANAL CHEM
CHEM 1
CHEM 2
PHYS CHEM 1
PHYS CHEM 2
O-CHEM I
O-CHEM II
IN-O-CHEM
ECO/GEO/EARTH SCI

ENVIRONMENTAL (7-12)
ENGL COMP
LITERATURE
PRE-CALC
CALC I
GEN. BIO
ENVIRON BIO
GEN CHEM
ECOLOGY
ENVIR SCI&SOC
PHYS/HIST GEO
ATMOSPHERIC SCI/CLIMAT
ETHICS (ENVIR)
MARINE/AQUATIC COLOGY

BIOLOGY (7-12)
ENGL COMP
LITERATURE
PRE-CALC
CALC I
BIOLOGY I
BIOLOGY II
CHEM I
CHEM II
O-CHEM I
BIOCHEM
ECOLOGY
VERT MORPH/DEV BIO
CELL BIO
GENETICS
PHYSIOLOGY
ETHICS

GEN SCIENCE (7-12)
ENGL COMP
LITERATURE
PRE-CALC
CALC I
BIOLOGY I
BIOLOGY II
CHEM I
CHEM II
PHYSICS
ENVIR/ECOLOGY
HIST/PHS GEO
ATMOSPH SCI/METEROLOGY
ASTRONOMY

MATHEMATICS (7-12)
ENGL COMP
LITERATURE
BIOLOGY
CHEM/PHYS
PSYCH/SOC
PROB/STAT
HIST MATH
CALC I
CALC II
CALC III
LIN. ALGEBRA
DISCRETE MATH

EARTH & SPACE (7-12)
ENGL COMP
LITERATURE
PRE-CALC
CALC I
GEN. BIO
GEN CHEM
PHYSICS
HIST GEO
ENVR/ECOLOGY
PHYS GEOLOGY
OCEANOGRAPHY
METEROLOGY
ASTRONOMY