

## **Acceptable Coursework for Core Academic Subject Area Endorsements**

Supplemental Endorsements may be added with coursework having a prefix in the specific endorsement area (completed coursework must bear an earned grade of "C" or higher). Courses bearing the appropriate prefixes below may be counted toward an add-on endorsement in the licensure areas listed in bold font. A minimum of eighteen (18) coursework credit hours will be required to add the endorsement of interest. *Please note that education methods courses may not be counted toward obtaining a supplemental endorsement. Additionally, remedial courses (also referred to as compensatory, developmental, or basic skills) will not be recognized for licensure purposes and are usually numbered below 100 on the transcript. Acceptable coursework must be submitted on an official transcript from a regionally/nationally accredited institution of higher education.*

### **AGRICULTURE**

Coursework must bear the appropriate Agriculture prefix. Animal husbandry, agricultural machinery, agriculture management, agricultural marketing, agricultural mechanics, agricultural resources (agro-forestry, environmental protections, habitat), agricultural science, agronomy (crop production), animal science, conservation, horticulture, landscaping, occupational skills, plant management, and soil science.

### **ART**

Coursework must bear the appropriate Art prefix. Art, art appreciation, art education, art history, drawing, fiber arts, painting (watercolors, pastels, etc.), photography, pottery, printmaking, sculpture, typography, and art methods.

### **BIBLE**

Coursework must pertain to the Old or New Testament.

### **BIOLOGY**

Anatomy, bacteriology, biochemistry, biology, botany, embryology, endocrinology, ethology, evolution, genetics, herpetology, human anatomy and physiology, microbiology, mycology, ornithology, paleontology, physiology, plant taxonomy, synecology, and zoology.

### **BUSINESS EDUCATION**

Accounting, advertising, business, business communications, business computer applications, business computer programming, business education, business human resources, business law, business management/sport management, business math, business strategies, consumer economics, economics, entrepreneurship, finance, general business administration, global management, international business, international trade, keyboarding, marketing, operations, organizational behavior, shorthand, statistics, and typing.

Note: Real Estate courses are not counted toward business.

If Applied Calculus Business Math is listed on transcripts as math (i.e. Math 1234), the course will not count toward business. If it is listed as a business course, it can be counted.

If Statistics is listed as a business course, it may be counted toward business education. It will not count toward business if statistics is listed as a psychology course. Statistics may be counted toward math if the course is listed as an engineering course. Statistics will not count toward math if the course is listed as a business or psychology course.

### **CHEMISTRY**

Coursework must bear the appropriate Chemistry prefix. Analytical chemistry, atomic structures, biochemistry, chemistry, organic chemistry, physical chemistry, quantitative chemistry, thermodynamics.

## **DRAMA**

Coursework must bear the appropriate Drama or Theatre prefix. Acting, directing, drama, dramatic literature (contemporary and historic), play/theatre production, stage design, stage makeup, story- making and playwriting, theatre, voice, and movement techniques.

## **ENGLISH**

American and British literature, communication (in English/Communications Dept.), composition, English grammar, film (in Literature Dept.), journalism broadcasting, journalism proofreading/editing, journalism newswriting, language arts methods, language components (semantics, syntax, phonemes, morphemes), linguistics (*not ESL/bilingual*), literacy, literary forms (poetry, fiction/non-fiction, drama, etc.), literary techniques (dialect, narration, etc.), literature, rhetoric (grammar/writing), vocabulary.

## **ECONOMICS**

Coursework must bear the appropriate Economics prefix. Comparative markets, economic systems, macroeconomics, market economy, microeconomics, and unemployment.

## **FAMILY & CONSUMER SCIENCE**

Coursework must bear the appropriate Family & Consumer Science or Home Economics prefix. Conflict resolution, consumer education/resource management, family relationships, home economics, human/child development, money management (household management, budgeting, etc.), parenting/interpersonal relationships; **Apparel and Textiles**: Clothing/apparel industry, clothing/fashion design, costume design, history of fashion, sewing, textile production, textiles, and wholesale/retail/design operations for apparel and textiles; **Living Environments**: Architectural design, home/office furnishings, housing industry, interior/exterior design, and wholesale/retail operations (housing/interior furnishings); **Nutrition, Wellness and Hospitality**: Dietary needs, food management, food preparation, food sanitation, foods, hospitality, and nutrition.

## **FOREIGN LANGUAGES**

Coursework must bear the appropriate prefix of the specific language endorsement requested (Spanish, French, Latin, German, Russian, or Mandarin Chinese).

## **GENERAL SCIENCE**

Coastal Sciences **Biology**: bacteriology, biochemistry, botany, embryology, endocrinology, ethology, evolution, genetics, herpetology, human anatomy and physiology, microbiology, mycology, ornithology, paleontology, physiology, plant taxonomy, synecology, zoology, **Ecology/Environmental Science**: autecology, coastal sciences, conservation, dendrology, ecosystems, entomology, forestry courses as related to ecology and habitat management, population dynamics, and silviculture. **Chemistry**: Analytical chemistry, atomic structures, biochemistry, organic chemistry, physical chemistry, quantitative chemistry, thermodynamics; **Earth and Space Science**: Astronomy, cosmology, earth science, environmental geography, geology, geomatics, geomorphology, hydrology, landscape ecology, meteorology, mineralogy, oceanography, physical geography (land masses, physical landscapes, etc.), weather/climatology; **Physics**: Electricity, nuclear physics, physics, quantum mechanics, radioactivity, relativity, solid state physics, and thermodynamics.

## **JOURNALISM**

Coursework must bear the appropriate Journalism prefix. Journalism broadcasting, journalism proofreading/editing, and journalism newswriting.

## **MARKETING**

Coursework must bear the appropriate Marketing prefix.

**\*\*MATH (7-12)**

Coursework must bear the appropriate Math prefix or equivalent.

\*\*Effective 9/1/14, Math will be taken off this list and will no longer be added with any 21 hours that have a Math prefix. After that date, the math endorsement will require an online recommendation from a MS college/university that offers an approved program.

**MIDDLE SCHOOL MATH (7-8)**

Coursework must bear the appropriate Math prefix.

**MUSIC EDUCATION (VOCAL)**

Coursework must be music education vocal course. Courses in music theory and music history may be counted. Band, choral music, composing, conducting, instrumental music (trombone, flute, piano, etc.), music, music history, music methods, music theory, rhythmic analysis, and vocal music.

**MUSIC EDUCATION (INSTRUMENTAL)**

Coursework must be music education instrumental course. Courses in music theory and music history may be counted. Band, choral music, composing, conducting, instrumental music (trombone, flute, piano, etc.), music, music history, music methods, music theory, rhythmic analysis, and vocal music.

**PHYSICAL EDUCATION**

Biomechanics, coaching, dance/creative movement, exercise physiology, exercise science, first aid/sports medicine, health-related fitness, human anatomy and physiology, individual and team sports, kinesiology, motor learning/behavior and development, physical education, physical education curriculum design, physical education for special populations, rhythm and dance, safety related to physical education, sports administration, and physical education methods, assessment, and evaluation.

**PHYSICS**

Coursework must bear the appropriate Physics prefix. Electricity, nuclear physics, physics, quantum mechanics, radioactivity, relativity, solid state physics, and thermodynamics.

**PSYCHOLOGY**

Coursework must bear the appropriate Psychology prefix. Human development, educational psychology, personality, psychology.

**SOCIAL STUDIES**

***Economics:*** Comparative markets, economic systems, macroeconomics, market economy, microeconomics, and unemployment; ***Geography:*** Cultural, economic, and social geography and any course in the geography department, ***History:*** Ancient history, comparative history (industrialization, globalization, etc.), Gender Studies, Southern Studies, U.S. history, and world history; ***Political Science:*** Civics, constitutional law, foreign policy, government, political science, and systems of government; ***Psychology:*** Human development, educational Psychology, personality, psychology,; ***Sociology/Anthropology:*** Ancient civilization, anthropology, cultural diversity, humanities, social classes, social deviancy, social justice, and sociology.

**SPEECH**

Coursework must bear the appropriate Speech prefix or relate specifically to Oral Communication. Interpersonal communications, oral communication, oral interpretation and group discussion, public relations (in English/Communication Dept.), public speaking, speech, voice, and movement techniques.