

Attachment 1
Consent Agenda Information
Academic Affairs

Education curriculum change – undergraduate (10-25-11)

Pages 2-3

Changes to the Social Studies (EDSST) Teacher Licensure Program

Human Ecology undergraduate course and curriculum changes (11-1-11)

Pages 4-11

Changes to Family Studies and Human Services courses

Changes to the Early Childhood Education curriculum

Changes to the Personal Financial Planning curriculum

Arts & Sciences undergraduate course and curriculum changes (11-3-11)

Pages 12-20

Course changes in:

Dean of Arts and Science, English, Geography, Modern Languages, and Sociology,
Anthropology, and Social Work

Curriculum changes to the BA/BS in Communication Studies

Curriculum changes to the BA in Modern Languages

Engineering undergraduate curriculum changes (11-4-11)

Pages 21-28

Changes to the Electrical Engineering curriculum

Changes to the Computer Engineering curriculum

New Graduate courses (Approved by GC on 11-1-11)

Pages 29-31

New courses in Biology, English, Journalism and Mass Communications, and Music

Graduate curriculum changes (Approved by the GC on 11-1-11)

Pages 32-36

Changes to the Geographic Information Science Graduate Certificate

Changes to the Master of Music

COLLEGE OF EDUCATION (approved 10-25-11)

Social Studies (EDSST) Teacher Licensure Program

FROM:

TO:

Licensure requirements (64 credit hours)

Core courses required:

ANTH 204 - A General Education Introduction to Cultural Anthropology Credits: (3)
ECON 110 - Principles of Macroeconomics Credits: (3)
ECON 120 - Principles of Microeconomics Credits: (3)
EDSEC 528 - Social Studies Colloquium Credits: (3)
(Must be taken concurrently with Block II)
GEOG 100 - World Regional Geography Credits: (3)
GEOG 200 - Human Geography Credits: (3)
GEOG 221 - Introductory Physical Geography Credits: (4)
HIST 111 - World History to 1450 Credits: (3)
HIST 112 - World History From 1450 Credits: (3)
HIST 251 - History of the United States to 1877 Credits: (3)
HIST 252 - History of the United States Since 1877 Credits: (3)
HIST 558 - History of Kansas Credits: (3)
POLSC 110 - Introduction to Political Science Credits: (3)
POLSC 325 - United States Politics Credits: (3)
POLSC 344 - Introduction to Comparative Politics Credits: (3)
SOCIO 211 - Introduction to Sociology Credits: (3)

History courses

(Must be 500-level courses)

U.S. history (at least 3 credits) Credits: (3)
Non-U.S. history (at least 3 credits) Credits: (3)

Upper-level social studies

(Must include 9 credits:, one listed course from three of the following departments)

Political Science:

POLSC 301 - Introduction to Political Thought Credits: (3)
POLSC 321 - Kansas Politics and Government Credits: (3)
POLSC 333 - World Politics Credits: (3)
POLSC 543 - American Foreign Policy Credits: (3)
POLSC 603 - Political Parties and Elections Credits: (3)
POLSC 605 - The American Presidency Credits: (3)
~~POLSC 611 - The Legislative Process Credits: (3)~~
~~POLSC 612 - The Judicial Process Credits: (3)~~
POLSC 667 - American Political Thought Credits: (3)

Geography:

GEOG 310 - Geography of Kansas Credits: (3)
GEOG 340 - Geography of Natural Resources Credits: (3)
GEOG 620 - Mexico, Central America, and Caribbean Credits: (3)
GEOG 640 - Geography of Europe Credits: (3)

Economics:

ECON 510 - Intermediate Macroeconomics Credits: (3)
ECON 520 - Intermediate Microeconomics Credits: (3)
ECON 523 - Human Resource Economics Credits: (3)
ECON 530 - Money and Banking Credits: (3)
ECON 536 - Comparative Economics Credits: (3)
ECON 681 - International Economics Credits: (3)

Sociology:

SOCIO 360 - Social Problems Credits: (3)
SOCIO 440 - Social Organization Credits: (3)
SOCIO 511 - Comparative Social Theories Credits: (3)
SOCIO 541 - Wealth, Power, and Privilege Credits: (3)
SOCIO 545 - The Sociology of Women Credits: (3)
SOCIO 570 - Race and Ethnic Relations in the USA Credits: (3)

Anthropology:

ANTH 260 - Introduction to Archeology Credits: (3)

Licensure requirements (64 credit hours)

Core courses required:

ANTH 204 - A General Education Introduction to Cultural Anthropology Credits: (3)
ECON 110 - Principles of Macroeconomics Credits: (3)
ECON 120 - Principles of Microeconomics Credits: (3)
EDSEC 528 - Social Studies Colloquium Credits: (3)
(Must be taken concurrently with Block II)
GEOG 100 - World Regional Geography Credits: (3)
GEOG 200 - Human Geography Credits: (3)
GEOG 221 - Introductory Physical Geography Credits: (4)
HIST 111 - World History to 1450 Credits: (3)
HIST 112 - World History From 1450 Credits: (3)
HIST 251 - History of the United States to 1877 Credits: (3)
HIST 252 - History of the United States Since 1877 Credits: (3)
HIST 558 - History of Kansas Credits: (3)
POLSC 110 - Introduction to Political Science Credits: (3)
POLSC 325 - United States Politics Credits: (3)
POLSC 344 - Introduction to Comparative Politics Credits: (3)
SOCIO 211 - Introduction to Sociology Credits: (3)

History courses

(Must be 500-level courses)

U.S. history (at least 3 credits) Credits: (3)
Non-U.S. history (at least 3 credits) Credits: (3)

Upper-level social studies

(Must include 9 credits:, one listed course from three of the following departments)

Political Science:

POLSC 301 - Introduction to Political Thought Credits: (3)
POLSC 321 - Kansas Politics and Government Credits: (3)
POLSC 333 - World Politics Credits: (3)
POLSC 525 - U.S. National Government and Politics Credits: (3)
POLSC 543 - American Foreign Policy Credits: (3)
POLSC 603 - Political Parties and Elections Credits: (3)
POLSC 605 - The American Presidency Credits: (3)
POLSC 614 - Constitutional Law I Credits: (3)
POLSC 615 - Constitutional Law II Credits: (3)
POLSC 667 - American Political Thought Credits: (3)

Geography:

GEOG 302 - Cartography and Thematic Mapping Credits: (3)
GEOG 310 - Geography of Kansas Credits: (3)
GEOG 340 - Geography of Natural Resources Credits: (3)
GEOG 460 - Human Dimensions of Global Change Credits: (3)
GEOG 500 - Geography of the United States Credits: (3)
GEOG 508 - Geographic Information Systems I Credits: (4)
GEOG 535 - Fundamentals of Climatology Credits: (3)
GEOG 620 - Mexico, Central America, and Caribbean Credits: (3)
GEOG 640 - Geography of Europe Credits: (3)
GEOG 690 - Historical Geography of the United States Credits: (3)

Economics:

ECON 510 - Intermediate Macroeconomics Credits: (3)
ECON 520 - Intermediate Microeconomics Credits: (3)
ECON 523 - Human Resource Economics Credits: (3)
ECON 530 - Money and Banking Credits: (3)
ECON 536 - Comparative Economics Credits: (3)
ECON 555 - Urban and Regional Economics Credits: (3)
ECON 681 - International Economics Credits: (3)

Sociology:

SOCIO 360 - Social Problems Credits: (3)

<p>ANTH 503 - Archaeological Fact or Fiction Credits: (3) ANTH 505 - South Asian Civilizations Credits: (3) ANTH 508 - Male and Female: Cross-Cultural Perspectives Credits: (3) ANTH 515 - Creativity and Culture Credits: (3) ANTH 524 - Immigrant America Credits: (3) ANTH 630 - North American Indians Credits: (3)</p> <p>Subject Assessment Test Required: #10081 Social Studies: Content Knowledge Passing Score: 158</p>	<p>SOCIO 440 - Social Organization Credits: (3) <u>SOCIO 450 - Introduction to Social Interaction Credits: (3)</u> <u>SOCIO 507 - International Development and Social Change Credits: (3)</u> SOCIO 511 - Comparative Social Theories Credits: (3) <u>SOCIO 533 - Rural Society Credits: (3)</u> <u>SOCIO 535 - Population Dynamics Credits: (3)</u> SOCIO 541 - Wealth, Power, and Privilege Credits: (3) SOCIO 545 - The Sociology of Women Credits: (3) SOCIO 570 - Race and Ethnic Relations in the USA Credits: (3) <u>SOCIO 618 - Religion in Culture Credits: (3)</u></p> <p>Anthropology: ANTH 260 - Introduction to Archeology Credits: (3) <u>ANTH 360 - Topics for Educators Credits: (1-4)</u> ANTH 503 - Archaeological Fact or Fiction Credits: (3) ANTH 505 - South Asian Civilizations Credits: (3) <u>ANTH 507 - Folk Cultures Credits: (3)</u> ANTH 508 - Male and Female: Cross-Cultural Perspectives Credits: (3) <u>ANTH 511 - Cultural Ecology and Economy Credits: (3)</u> <u>ANTH 512 - Political Anthropology Credits: (3)</u> ANTH 515 - Creativity and Culture Credits: (3) <u>ANTH 521 - Topics in Archaeology Credits: (1-4)</u> ANTH 524 - Immigrant America Credits: (3) <u>ANTH 526 - Law and Culture Credits: (3)</u> <u>ANTH 533 - Kansas Archaeology Credits: (3)</u> <u>ANTH 618 - Religion in Culture Credits: (3)</u> ANTH 630 - North American Indians Credits: (3)</p> <p>Subject Assessment Test Required: #10081 Social Studies: Content Knowledge Passing Score: 158</p>
--	---

IMPACT: Discussed changes with faculty of Political Science, Geography, Economics, Sociology, and Anthropology. No problems were identified.

RATIONALE: Provide a more appropriate and more expansive selection of elective courses for those engaging in a career in social studies education and be better prepared for licensure requirements by the state.

EFFECTIVE DATE: Fall 2012

COLLEGE OF HUMAN ECOLOGY (approved 11-1-11)

COURSE CHANGES

CHANGE FROM:	CHANGE TO:
<p>FSHS 347 Introduction to Phonetics Credits: (3) Basic information about speech sounds and their use in human languages, including physiological, perceptual, and acoustic phonetics. Transcription of English will be emphasized.</p> <p>Requisites Pre-Requisite: CSD major, completion of 57 credit hours and 2.8 GPA Co-Requisite :</p> <p>When Offered Fall</p> <p>K-State 8 UGE: none</p>	<p>FSHS 347 Introduction to Phonetics Credits: (3) Basic information about speech sounds and their use in human languages, including physiological, perceptual, and acoustic phonetics. Transcription of English will be emphasized.</p> <p>Requisites Pre-Requisite: CSD major, completion of 57 credit hours and 2.8 GPA Co-Requisite : <u>FSHS 442, 361</u></p> <p>When Offered Fall</p> <p>K-State 8 <u>Human Diversity within the US</u></p>

Rationale: FSHS 347, 442, and 361 (all fall semester junior-level CSD courses) cover topics that contribute to students' knowledge of normal processes involved in communication from different perspectives, but in a complementary manner. Taking these three courses concurrently facilitates integration and application of this basic information to enhance student learning in preparation for courses dealing with communication disorders. The content of this course meets the K-State 8 criteria for Human Diversity within the U.S.

Effective Date: Spring 2012

CHANGE FROM:	CHANGE TO:
<p>FSHS 361 Hearing Science Credits: (3) An introduction to hearing science concepts. Areas of focus include anatomy and physiology of the hearing mechanism, quantification of sound, sound generation, and sound transmission. Information on the role of the auditory system in the encoding and processing of simple and complex signals is also presented.</p> <p>Requisites Pre-Requisite: CSD major, completion of 57 credit hours and 2.8 GPA Co-Requisite :</p> <p>When Offered Fall</p> <p>K-State 8</p>	<p>FSHS 361 Hearing Science Credits: (3) An introduction to hearing science concepts. Areas of focus include anatomy and physiology of the hearing mechanism, quantification of sound, sound generation, and sound transmission. Information on the role of the auditory system in the encoding and processing of simple and complex signals is also presented.</p> <p>Requisites Pre-Requisite: CSD major, completion of 57 credit hours and 2.8 GPA Co-Requisite : <u>FSHS 347 and 442</u></p> <p>When Offered Fall</p> <p>K-State 8</p>

UGE: None	<u>Natural and Physical Sciences</u>
-----------	--------------------------------------

Rationale: FSHS 347, 442, and 361 (all fall semester junior-level CSD courses) cover topics that contribute to students' knowledge of normal processes involved in communication from different perspectives, but in a complementary manner. Taking these three courses concurrently facilitates integration and application of this basic information to enhance student learning in preparation for courses dealing with communication disorders. The content of this course meets the K-State 8 criteria for Natural and Physical Sciences.

Effective Date: Spring 2012

CHANGE FROM:	CHANGE TO:
<p>FSHS 443 Language Assessment and Intervention I Credits: (3) The characteristics and nature of language disorders in the preschool-age populations, as well as general principles of language assessment and intervention are presented. Specific language assessment and intervention procedures for individuals 0-8 years of age are reviewed. Communication profiles associated with a variety of language impairments are examined.</p> <p>Requisites Pre-Requisite: FSHS 442 and CSD major, and 2.8 GPA Co-Requisite :</p> <p>When Offered Fall</p> <p>K-State 8 UGE No K State 8 Yes Natural and Physical Science</p>	<p>FSHS 443 Language Assessment and Intervention I Credits: (3) The characteristics and nature of language disorders in the preschool-age populations, as well as general principles of language assessment and intervention are presented. Specific language assessment and intervention procedures for individuals 0-8 years of age are reviewed. Communication profiles associated with a variety of language impairments are examined.</p> <p>Requisites Pre-Requisite: FSHS 442 and CSD major, and 2.8 GPA Co-Requisite : <u>FSHS 446 and 567</u></p> <p>When Offered Fall</p> <p>K-State 8 <u>Human Diversity within the US</u> <u>Ethical Reasoning and Responsibility</u></p>

Rationale: FSHS 443, 446, and 567 (spring semester junior-level CSD courses) deal with disorders of communication. Taking these three core disorders courses concurrently provides an opportunity for students to integrate information about etiologies and characteristics of disorders, as well as assessment and treatment of communication disorders, and reinforce their knowledge of principles of practice across disorder types. The content of this course meets the K-State 8 criteria for Human Diversity within the US; and Ethical Reasoning and Responsibility.

Effective Date: Fall 2012

CURRICULUM CHANGES:

School of Family Studies and Human Services

Early Childhood Development

CHANGE FROM:	CHANGE TO:
Early Childhood Education (B.S.) Bachelor's degree requirements	Early Childhood Education (B.S.) Bachelor's degree requirements

Practicum courses

Before participating in practicum courses involving contact with children, students must undergo a physical examination, including a tuberculosis test, at their own expense. Students must not have any physical or mental conditions that would interfere with the health, safety, or welfare of children.

Students will be screened by the Kansas Department of Health and Environment for criminal and child abuse histories (through the Kansas Bureau of Investigation and Social and Rehabilitative Services). Students with questionable histories, as determined by the Kansas Department of Health and Environment, will be dropped from the early childhood education program.

Student teaching

Enrollment in student teaching is by permission only. Student teaching may not be taken until the student has obtained full admission into teacher education and has completed FSHS 543, 544, 553, 554, 555.

General requirements (41-42 credit hours)**Communications (8–9 credit hours)**

(Grades of “C” or higher required.)

[COMM 105 - Public Speaking IA](#) Credits: (2)

or

[COMM 106 - Public Speaking I](#) Credits: (3)

[ENGL 100 - Expository Writing I](#) Credits: (3)

[ENGL 200 - Expository Writing II](#) Credits: (3)

Social sciences (9 credit hours)

[ECON 110 - Principles of Macroeconomics](#) Credits: (3)

[PSYCH 110 - General Psychology](#) Credits: (3)

[SOCIO 211 - Introduction to Sociology](#) Credits: (3)

Humanities electives (6 credit hours)

Fine Arts Elective Credits: (3)

Natural sciences (12 credit hours)

Biological sciences, physical sciences, and earth science (All courses must include a laboratory.)

Quantitative studies (6 credit hours)

(Grades of “C” or higher required.)

[MATH 100 - College Algebra](#) Credits: (3)

or a college-level calculus course

[STAT 325 - Introduction to Statistics](#) Credits: (3)

Integrative studies (6 credit hours)

[FSHS 350 - Family Relationships and Gender Roles](#) Credits: (3)

~~[GNHE 310 - Human Needs](#) Credits: (3)~~

~~or University General Education elective (300-level or above, outside of FSHS) Credits: (3)~~

Professional studies (58 credit hours)

(Grades of C or higher required.)

[EDSP 777 - Behavior Management](#) Credits: (3)

Practicum courses

Before participating in practicum courses involving contact with children, students must undergo a physical examination, including a tuberculosis test, at their own expense. Students must not have any physical or mental conditions that would interfere with the health, safety, or welfare of children.

Students will be screened by the Kansas Department of Health and Environment for criminal and child abuse histories (through the Kansas Bureau of Investigation and Social and Rehabilitative Services). Students with questionable histories, as determined by the Kansas Department of Health and Environment, will be dropped from the early childhood education program.

Student teaching

Enrollment in student teaching is by permission only. Student teaching may not be taken until the student has obtained full admission into teacher education and has completed FSHS 543, 544, 553, 554, 555.

General requirements (41-42 credit hours)**Communications (8–9 credit hours)**

(Grades of “C” or higher required.)

[COMM 105 - Public Speaking IA](#) Credits: (2)

or

[COMM 106 - Public Speaking I](#) Credits: (3)

[ENGL 100 - Expository Writing I](#) Credits: (3)

[ENGL 200 - Expository Writing II](#) Credits: (3)

Social sciences (9 credit hours)

[ECON 110 - Principles of Macroeconomics](#) Credits: (3)

[PSYCH 110 - General Psychology](#) Credits: (3)

[SOCIO 211 - Introduction to Sociology](#) Credits: (3)

Humanities electives (6 credit hours)

Fine Arts Elective Credits: (3)

Natural sciences (12 credit hours)

Biological sciences, physical sciences, and earth science (All courses must include a laboratory.)

Quantitative studies (6 credit hours)

(Grades of “C” or higher required.)

[MATH 100 - College Algebra](#) Credits: (3)

or a college-level calculus course

[STAT 325 - Introduction to Statistics](#) Credits: (3)

Integrative studies (3 credit hours)

[FSHS 350 - Family Relationships and Gender Roles](#) Credits: (3)

Professional studies (58 credit hours)

(Grades of C or higher required.)

[EDSP 777 - Behavior Management](#) Credits: (3)

<p>FSHS 110 - Introduction to Human Development Credits: (3)</p> <p>FSHS 310 - Early Childhood Credits: (3)</p> <p>FSHS 313 - Pre-Professional Experiences in Early Childhood Unified Credits: (1)</p> <p>FSHS 410 - Introduction to Early Childhood Education Credits: (3)</p> <p>FSHS 420 - Interaction Techniques with Young Children Credits: (3)</p> <p>FSHS 428 - Exceptional Development in Early Childhood Credits: (3)</p> <p>FSHS 450 - Environments in Early Childhood Credits: (3)</p> <p>FSHS 540 - Curriculum for Cognitive and Language Development of Young Children Credits: (3)</p> <p>FSHS 541 - Curriculum for Emotional, Social, and Physical Development of Young Children Credits: (3)</p> <p>FSHS 543 - Reflective Practice: Infants and Toddlers Credits: (3)</p> <p>FSHS 544 - Reflective Practice: Preschoolers and Kindergartners Credits: (3)</p> <p>FSHS 553 - Early Childhood Practicum I: Infants and Toddlers Credits: (1)</p> <p>FSHS 554 - Early Childhood Practicum II: Preschoolers Credits: (1)</p> <p>FSHS 555 - Early Childhood Practicum III: Kindergartners Credits: (1)</p> <p>FSHS 565 - Language Development Credits: (3)</p> <p>FSHS 566 - Emergent Literacy Credits: (3)</p> <p>FSHS 597 - Home, School, and Community Partnerships Credits: (3)</p> <p>* FSHS 598 - Student Teaching in Early Childhood Unified Credits: (9)</p> <p>FSHS 728 - Assessment of Young Children Credits: (3)</p> <p>Professional electives (9-10 credit hours) (Grades of "C" or higher required.) Any FSHS Course(s)</p> <p>ACCTG 231 - Accounting for Business Operations Credits: (3)</p> <p>ACCTG 241 - Accounting for Investing and Financing Credits: (3)</p> <p>AGEC 202 - Small Business Operations Credits: (3)</p> <p>DED 318 - Educational Technology for Teaching and Learning Credits: (1)</p> <p>EDSP 710 - Education of Exceptional Individuals Credits: (3) EDSP 723 - Characteristics of Cognitive Disorders Credits: (3)</p> <p>EDSP 728 - Characteristics of Emotional and Behavioral Disorders Credits: (3)</p> <p>FINAN 450 - Principles of Finance-Salina campus Credits: (3)</p> <p>MANGT 420 - Management Concepts Credits: (3)</p> <p>MKTG 400 - Introduction to Marketing Credits: (3)</p> <p>Additional requirements for licensure (9 credit hours) Select additional electives from the areas of humanities, social sciences, sciences, mathematics, general religion,</p>	<p>FSHS 110 - Introduction to Human Development Credits: (3)</p> <p>FSHS 310 - Early Childhood Credits: (3)</p> <p>FSHS 313 - Pre-Professional Experiences in Early Childhood Unified Credits: (1)</p> <p>FSHS 410 - Introduction to Early Childhood Education Credits: (3)</p> <p>FSHS 420 - Interaction Techniques with Young Children Credits: (3)</p> <p>FSHS 428 - Exceptional Development in Early Childhood Credits: (3)</p> <p>FSHS 450 - Environments in Early Childhood Credits: (3)</p> <p>FSHS 540 - Curriculum for Cognitive and Language Development of Young Children Credits: (3)</p> <p>FSHS 541 - Curriculum for Emotional, Social, and Physical Development of Young Children Credits: (3)</p> <p>FSHS 543 - Reflective Practice: Infants and Toddlers Credits: (3)</p> <p>FSHS 544 - Reflective Practice: Preschoolers and Kindergartners Credits: (3)</p> <p>FSHS 553 - Early Childhood Practicum I: Infants and Toddlers Credits: (1)</p> <p>FSHS 554 - Early Childhood Practicum II: Preschoolers Credits: (1)</p> <p>FSHS 555 - Early Childhood Practicum III: Kindergartners Credits: (1)</p> <p>FSHS 565 - Language Development Credits: (3)</p> <p>FSHS 566 - Emergent Literacy Credits: (3)</p> <p>FSHS 597 - Home, School, and Community Partnerships Credits: (3)</p> <p>* FSHS 598 - Student Teaching in Early Childhood Unified Credits: (9)</p> <p>FSHS 728 - Assessment of Young Children Credits: (3)</p> <p>Professional electives (9-10 credit hours) (Grades of "C" or higher required.) Any FSHS Course(s)</p> <p>ACCTG 231 - Accounting for Business Operations Credits: (3)</p> <p>ACCTG 241 - Accounting for Investing and Financing Credits: (3)</p> <p>AGEC 202 - Small Business Operations Credits: (3)</p> <p>DED 318 - Educational Technology for Teaching and Learning Credits: (1)</p> <p>EDSP 710 - Education of Exceptional Individuals Credits: (3) EDSP 723 - Characteristics of Cognitive Disorders Credits: (3)</p> <p>EDSP 728 - Characteristics of Emotional and Behavioral Disorders Credits: (3)</p> <p>FINAN 450 - Principles of Finance-Salina campus Credits: (3)</p> <p>MANGT 420 - Management Concepts Credits: (3)</p> <p>MKTG 400 - Introduction to Marketing Credits: (3)</p> <p>Additional requirements for licensure (9 credit hours) Select additional electives from the areas of humanities, social sciences, sciences, mathematics, general religion,</p>
---	---

<p>philosophy, art and music history, and appreciation of art, architecture, music, or theatre to fulfill the general education requirements for teaching licensure in early childhood education.</p> <p>**Social science elective Credits: (3) ***Literature elective Credits: (3) Diversity Elective Credits: (3)</p> <p>Notes *First aid/CPR certification required before enrollment in FSHS 598. This requirement can be met by successful completion of Red Cross or American Heart Association courses. **A minimum of 9 credit hours other than psychology is required for certification. ***Literature for Children and Literature for Adolescents may not be used as literature electives but may be used to fulfill additional general education requirements.</p> <p>Total hours required for graduation (124)</p>	<p>philosophy, art and music history, and appreciation of art, architecture, music, or theatre to fulfill the general education requirements for teaching licensure in early childhood education.</p> <p>**Social science elective Credits: (3) ***Literature elective Credits: (3) Diversity Elective Credits: (3)</p> <p>Notes *First aid/CPR certification required before enrollment in FSHS 598. This requirement can be met by successful completion of Red Cross or American Heart Association courses. **A minimum of 9 credit hours other than psychology is required for certification. ***Literature for Children and Literature for Adolescents may not be used as literature electives but may be used to fulfill additional general education requirements.</p> <p>Total hours required for graduation (121)</p>
--	--

Rationale: UGE course is no longer specifically required to meet degree requirements

Effective: Spring 2012

Impact: None

Personal Financial Planning

CHANGE FROM:	CHANGE TO:
<p>Personal Financial Planning (B.S.) Bachelor's degree requirements</p> <p>General requirements (39–40 credit hours)</p> <p>Communications (8–9 credit hours) COMM 105 - Public Speaking IA Credits: (2) or COMM 106 - Public Speaking I Credits: (3) ENGL 100 - Expository Writing I Credits: (3) ENGL 200 - Expository Writing II Credits: (3)</p> <p>Social sciences (9 credit hours) ECON 110 - Principles of Macroeconomics Credits: (3) PSYCH 110 - General Psychology Credits: (3) SOCIO 211 - Introduction to Sociology Credits: (3)</p> <p>Humanities (6 credit hours)</p> <p>Natural sciences (7 credit hours) Life science elective and physical science elective (One course must be taken from each area; one course must include a laboratory.)</p> <p>Quantitative studies (9 credit hours)</p>	<p>Personal Financial Planning (B.S.) Bachelor's degree requirements</p> <p>General requirements (36–37 credit hours)</p> <p>Communications (8–9 credit hours) COMM 105 - Public Speaking IA Credits: (2) or COMM 106 - Public Speaking I Credits: (3) ENGL 100 - Expository Writing I Credits: (3) ENGL 200 - Expository Writing II Credits: (3)</p> <p>Social sciences (9 credit hours) ECON 110 - Principles of Macroeconomics Credits: (3) PSYCH 110 - General Psychology Credits: (3) SOCIO 211 - Introduction to Sociology Credits: (3)</p> <p>Humanities (6 credit hours)</p> <p>Natural sciences (7 credit hours) Life science elective and physical science elective (One course must be taken from each area; one course must include a laboratory.)</p> <p>Quantitative studies (6 credit hours)</p>

<p>A microcomputer applications course Credits: (3) or CIS 101 – Introduction to Computing Systems, Information Search, and Security Credits: (1) and CIS 102 – Introduction to Spreadsheet Applications Credits: (1) and CIS 103 – Introduction to Database Applications Credits: (1)</p> <p>STAT 350 - Business and Economic Statistics I Credits: (3) Choose one from the following: A college-level calculus course Credits: (3) MATH 100 - College Algebra Credits: (3)</p> <p>Professional studies (60 credit hours) <i>(Grades of C or higher required.)</i> Professional FSHS courses (30 credit hours) FSHS 105 - Introduction to Personal and Family Finance Credits: (3) FSHS 110 - Introduction to Human Development Credits: (3) FSHS 301 - The Helping Relationship Credits: (2-3) FSHS 400 – Family and Consumer Economics Credits: (3) FSHS 405 - Advanced Personal and Family Finance Credits: (3) FSHS 595 - Professional Seminar in Family Financial Planning Credits: (3) FSHS 756 - Financial Counseling Credits: (3) FSHS 760 - Families, Employment Benefits, and Retirement Planning Credits: (3) FSHS 762 - Investing for the Family's Future Credits: (3) FSHS 764 - Estate Planning for Families Credits: (3)</p> <p>Integrative studies (6-credit hours) *University general education elective (300-level or above) Credits: (3) FSHS 350 - Family Relationships and Gender Roles Credits: (3)</p> <p>Other supporting courses (24 credit hours)</p> <p>ACCTG 231 - Accounting for Business Operations Credits: (3) ACCTG 241 - Accounting for Investing and Financing Credits: (3) ECON 120 - Principles of Microeconomics Credits: (3) ECON 530 - Money and Banking Credits: (3) FINAN 460 - Insurance Credits: (3) or FSHS 766 - Insurance Planning for Families Credits: (3) MANGT 390 - Business Law I Credits: (3) Choose one from the following:</p>	<p>STAT 350 - Business and Economic Statistics I Credits: (3) Choose one from the following: A college-level calculus course Credits: (3) MATH 100 - College Algebra Credits: (3)</p> <p>Professional studies (59 credit hours) <i>(Grades of C or higher required.)</i> Professional FSHS courses (30 credit hours) FSHS 105 - Introduction to Personal and Family Finance Credits: (3) FSHS 110 - Introduction to Human Development Credits: (3) FSHS 301 - The Helping Relationship Credits: (2-3) FSHS 405 - Advanced Personal and Family Finance Credits: (3) FSHS 595 - Professional Seminar in Family Financial Planning Credits: (3) FSHS 756 - Financial Counseling Credits: (3) FSHS 760 - Families, Employment Benefits, and Retirement Planning Credits: (3) FSHS 762 - Investing for the Family's Future Credits: (3) FSHS 764 - Estate Planning for Families Credits: (3) FSHS 772 – Personal Income Taxation Credits: (3)</p> <p>Integrative studies (3 credit hours) FSHS 350 - Family Relationships and Gender Roles Credits: (3) or GNHE 310 – Human Needs Credits: (3)</p> <p>Other supporting courses (26 credit hours)</p> <p>ACCTG 231 - Accounting for Business Operations Credits: (3) ACCTG 241 - Accounting for Investing and Financing Credits: (3) ECON 120 - Principles of Microeconomics Credits: (3) ECON 530 - Money and Banking Credits: (3) FINAN 460 - Insurance Credits: (3) or FSHS 766 - Insurance Planning for Families Credits: (3) MANGT 390 - Business Law I Credits: (3) MKTG 400 - Introduction to Marketing Credits: (3) AGEC 490 – Computer applications in Agricultural Economics and Agribusiness Credits: (2)</p>
--	--

<p>ACCTG 342 – Taxation I Credits: (3) FSHS 772 – Personal Income Taxation Credits: (3) Choose one from the following: AGEC 513 - Agricultural Finance Credits: (3) FINAN 450 - Principles of Finance Salina campus Credits: (3)</p> <p>Unrestricted electives (24–25 credit hours)</p> <p>Total hours required for graduation (124)</p> <p>*Note</p> <p>IMPORTANT NOTES: Students who first enroll in Summer 2011 or later must meet the requirements of the K-State 8 General Education Program.</p> <p>Students who began their programs of study in earlier terms under the University General Education (UGE) program may complete their degrees with UGE requirements or may choose to move to the K-State 8. Students should check with their academic advisors to determine which choice would be better. To switch, students must consult with their academic advisors.</p> <p>Students who are readmitted in Summer 2011 and later will be designated as meeting the K-State 8 by the Office of Admissions. Deans’ offices can make an exception for the readmitted student who has completed UGE or who would prefer to complete UGE requirements.</p> <p>For additional information about the University General Education program, check the requirements specified by the College of Human Ecology website. Please see the Registrar’s Office website for a current list of approved UGE courses.</p>	<p>Choose one from the following: AGEC 513 - Agricultural Finance Credits: (3) FINAN 450 - Principles of Finance Credits: (3)</p> <p>Unrestricted electives (24–25 credit hours)</p> <p>Total hours required for graduation (120)</p> <p>IMPORTANT NOTES: Students who first enroll in Summer 2011 or later must meet the requirements of the K-State 8 General Education Program.</p> <p>Students who began their programs of study in earlier terms under the University General Education (UGE) program may complete their degrees with UGE requirements or may choose to move to the K-State 8. Students should check with their academic advisors to determine which choice would be better. To switch, students must consult with their academic advisors.</p> <p>Students who are readmitted in Summer 2011 and later will be designated as meeting the K-State 8 by the Office of Admissions. Deans’ offices can make an exception for the readmitted student who has completed UGE or who would prefer to complete UGE requirements.</p> <p>For additional information about the University General Education program, check the requirements specified by the College of Human Ecology website. Please see the Registrar’s Office website for a current list of approved UGE courses.</p>
---	--

Rationale: Much of the content covered in FSHS 400 is now being covered in FSHS 756 Financial Counseling, which is a required course for the Personal Financial Planning major. Any remaining content will be covered in FSHS 105. Many PFP students were taking MKTG 400 as a UGE requirement. With the change in UGE requirements, PFP still wanted to insure students were taking this class and therefore we have added it to our list of supporting courses. We dropped the UGE requirement, but added GNHE 310 as an optional integrative studies option for students. AGECE 490 covers core skills necessary for personal financial planning graduates and has been added as a supporting course. Incoming PFP students already possess basic skills in computer operation eliminating the need for the CIS 101-103 courses.

EFFECTIVE DATE: Fall 2012

IMPACT ON OTHER UNITS: The General Human Ecology and Family and Consumer Sciences majors have changed their requirements for FSHS 105 to be used as an alternative option for FSHS 400. FSHS 400 will still be offered online in the summer and likely in the fall and spring semesters. The department head of Marketing has agreed to allow PFP to add MKTG 400 as a required supporting class for the PFP major. Since GNHE 310 has always been an option available to students, there should be little to no impact on GNHE enrollment numbers. The undergraduate program director of Agriculture Economics has agreed to let PFP add the AGECE class as a supporting course for the PFP major. The department head of Computing and Information Sciences supports our plan to drop the CIS 101-103 courses from the PFP curriculum.

COLLEGE OF ARTS & SCIENCES (Approved 11-3-11)

COURSE CHANGES

Dean of Arts and Sciences

ADD: DAS 080 – Ambassador Service and Leadership in the College of Arts and Sciences. (0-1) I. II. For students who have been chosen as ambassadors for the College of Arts and Sciences. Students are required to enroll to be ambassadors.

RATIONALE: This course will serve students who have been chosen to serve as ambassadors for the College of Arts and Sciences. Students are required to attend group meetings once or twice a month to learn about opportunities to represent and serve the college. Students must participate in at least two events each semester, selecting from recruitment events such as K-State Celebrates or Junior Days; service events such as Majors Fair or career fairs; alumni events, and other situations where student representation is required. In addition, all ambassadors help with Open House. Only officers (the president, vice president, and the Open House coordinator) may take the course for credit. These officers spend a minimum of 16 hours per semester in their leadership roles. The group's advisor is the Assistant Dean, who will grant permission to the members and the officers, and who will determine whether students have fulfilled the requirements of the course.

IMPACT: None

EFFECTIVE DATE: Fall ~~2011~~ 2012

English

ADD: ENGL 595 – Literary Studies Abroad. (3) Varies with Instructor. Travel abroad, with selected readings, lectures, and discussions which explore the relationships between literary texts and their physical and cultural environments. Topic varies with instructor. Repeatable with change of topic. Repeat for Credit: Checked. K-State 8: Aesthetic Experience and Interpretive Understanding; Global Issues and Perspectives. Pr.: None.

RATIONALE: The English Department needs a designated course number for English faculty-led study abroad courses. The course will allow undergraduate students and non-major graduate students to explore culture(s) outside of the United States and gain K-State credit at the same time.

IMPACT: None

EFFECTIVE DATE: Spring 2012

Geography

ADD: GEOG 235 – Atmospheric Science. (4) I. A comprehensive scientific study of the physics, chemistry, and dynamics of the earth's atmosphere, from the earth's surface to several hundred kilometers. Fundamental topics covered include atmospheric composition and variability, subdivisions of the atmosphere, energy and mass transfers within the Earth-atmosphere system, atmospheric circulation, and accurate prediction of atmospheric phenomena. Pr.: MATH 100 recommended. K-State 8: Natural and Physical Sciences; Empirical and Quantitative Reasoning.

RATIONALE: Students are naturally curious about the weather, especially severe storms, and the impact of the atmospheric environment on the human condition. Kansas State University does not have a basic course in atmospheric science or meteorology. This is somewhat surprising for a land-grant institution. It is readily recognized that a scientific understanding of atmospheric processes is important foundation for those in ecology and environmental biology, geology, geography, hydrology, and in applied sciences in both agriculture (e.g., soils, crop physiology) and engineering (e.g., air pollution control, civil engineering). Kidder et al. (2001) provide a rationale for meteorology in the liberal arts curriculum: <http://chronicle.com/article/Meteorology-Oceanography/13125/>

IMPACT: No negative impacts are known. Positive impacts have been suggested by colleagues in several colleges who would like to have their students get a better understanding of the atmosphere and meteorology.

EFFECTIVE DATE: Fall 2012

Modern Languages

ADD: SPAN 421 – Listening Skills. (3) I. Develops aural comprehension skills for communicative situations with focus on Spanish phonetics and interpretation of oral texts. Pr.: SPAN 410 or 420 or equivalent. K-State 8: Aesthetic Experience and Interpretive Understanding; Global Issues and Perspectives.

RATIONALE: This course will serve as a reinforcement for the development of listening comprehension skills and serve as an alternative 400-level course in the bridge courses section of the new major.

IMPACT: None

EFFECTIVE DATE: Spring 2012

ADD: SPAN 531 – Professional Spanish: Health and Human Services. (3) I. Develops culturally appropriate oral and written communication skills in health and human services. Specialized content and vocabulary, and experience in professional writing and translation. Pr.: SPAN 410 or 420 or equivalent. K-State 8: Aesthetic Experience and Interpretive Understanding; Ethical Reasoning and Responsibility.

RATIONALE: Our previously existing Spanish for Professions (SPAN 530) course has been very popular with students who want to develop their Spanish skills in a professional context. SPAN 530 was offered once per year, with an alternating focus on business or health professions. These topics are so different that it will be more appropriate and practical to offer them as separate courses (i.e.: 530 will be for business, and this new course: 531 will be for health professions).

IMPACT: None

EFFECTIVE DATE: Spring 2012

Sociology, Anthropology and Social Work

ADD: SOCIO 463 – Gangs in American Society. (3) I. Covers the historical development and current status of gangs in America. Focus on gang types /forms, criminal activities and sociological impact

on communities. Also examines gang control mechanisms as well as classic and modern research conducted about gangs. Pr.: SOCIO 361.

K-State 8: Social Sciences; Human Diversity within the US

RATIONALE: Create a course in the criminology discipline that focuses on the study of gangs in America. The course will offer students an opportunity to study this sunbject matter in a more in-depth and comprehensive manner and it will add to the Criminology course offerings for majors and non-majors.

EFFECTIVE DATE: Fall 2012

ADD: SOCIO 572 – Sociology of the Death Penalty. (3) S, Intersessions. Studies data, public opinion, execution patterns and methods, and debates regarding capital punishment as public policy in the US, from early history to 21st century. Examines selected cases and issues such as general deterrence, methods of execution, and constitutional challenges.
K-State 8: Social Science; Ethical Reasoning and Responsibility

RATIONALE: Death Penalty provides a critical examination of the history and current application of capital punishment. The course allows an in-depth look at a critical public policy in an environment that carries much misinformation and misunderstanding.

IMPACT: There appears to be no course at KSU that offers in-depth instruction on this topic.

EFFECTIVE DATE: Summer 2012

ADD: SCOIO 582 – The Construction of the Criminal Mind. (3) S, Intersessions. Examines interaction between social forces and physical experiences, such as cognitive impairment and/or abuse. Critically reviews history of criminology and biological theories of crime; explores how remnants of these feature in current explanations of crime.
K-State 8: Social Science; Ethical Reasoning and Responsibility

RATIONALE: This course provides an intersectional model of crime, recognizing an interaction between social forces and physical parameters. While most explanations of criminal behavior take the nature/nuture dichotomy, this study explores how the two meld.

IMPACT: There appears to be no course at KSU that offers in-depth instruction on this topic.

EFFECTIVE DATE: Summer 2012

CURRICULUM CHANGES

Communication Studies, Theatre and Dance

Communication Studies B.A./B.S.

FROM:

TO:

Communication studies required hours (~~9 credit hours~~)

Communication Studies required hours (12 credit hours)

COMM 320 – Theories of Human Communication Credits: (3)

COMM 320 – Theories of Human Communication Credits: (3)

COMM 330 – Rhetoric of Western Thought Credits: (3)

COMM 330 – Rhetoric of Western Thought Credits: (3)

COMM 550 – Senior colloquium Credits: (3)

COMM 431 – Criticism of Public Discourse Credits: (3)

Or

COMM 551 – Senior Honors Thesis Credits: (3)

Legal communication (15 credit hours)

COMM 260 – Introduction to Trial Advocacy Credits: (3)

~~COMM 321 – Public Speaking II Credits: (3)~~

~~COMM 322 – Interpersonal Communication Credits: (3)~~

~~COMM 323 – Nonverbal Communication Credits: (3)~~

COMM 325 – Argumentation and Debate Credits: (3)

~~COMM 331 – Criticism of Public Discourse Credits: (3)~~

COMM 430 – Freedom of Speech Credits: (3)

COMM 475 – Legal Communication Credits: (3)

~~COMM 480 – Intercultural Communication Credits: (3)~~

COMM 526 – Persuasion Credits: (3)

Organizational communication (15 credit hours)

COMM 311 – Business and Professional Speaking Credits: (3)

~~COMM 322 – Interpersonal Communication Credits: (3)~~

COMM 326 – Small Group Discussion Methods Credits: (3)

COMM 425 – Theories of Organizational Communication Credits: (3)

~~COMM 450 – Special Studies in Human Discourse Credits: (3)~~

~~COMM 470 – Rhetoric of Community Building Credits: (3)~~

COMM 480 – Intercultural Communication Credits: (3)

~~COMM 526 – Persuasion Credits: (3)~~

COMM 535 – Communication and Leadership Credits: (3)

~~COMM 630 – Special Topics in Rhetoric and Communication Credits: (3)~~

Political communication (15 credit hours)

COMM 321 – Public Speaking II Credits: (3)

COMM 325 – Argumentation and Debate Credits: (3)

COMM 434 – Rhetoric and Social Movements Credits: (3)

COMM 435 – Political Communication Credits: (3)

~~COMM 450 – Special Studies in Human Discourse Credits: (3)~~

~~COMM 480 – Intercultural Communication Credits: (3)~~

COMM 526 – Persuasion Credits: (3)

~~COMM 535 – Communication and Leadership Credits: (3)~~

COMM 545 – Communication & Democracy Credits: (3)

Relational communication (15 credit hours)

COMM 322 – Interpersonal Communication Credits: (3)

COMM 323 – Nonverbal Communication Credits: (3)

~~COMM 326 – Small Group Discussion Methods Credits: (3)~~

COMM 328 – Professional Interviewing Credits: (3)

~~COMM 450 – Special Studies in Human Discourse Credits: (3)~~

COMM 480 – Intercultural Communication Credits: (3)

~~COMM 526 – Persuasion Credits: (3)~~

~~COMM 535 – Communication and Leadership Credits: (3)~~

COMM 542 – Relational Communication Credits: (3)

~~COMM 630 – Special Topics in Rhetoric and Communication Credits: (3)~~

Rhetorical Communication (15 credit hours)

~~COMM 325 – Argumentation and Debate Credits: (3)~~

~~COMM 331 – Criticism of Public Discourse Credits: (3)~~

~~COMM 430 – Freedom of Speech Credits: (3)~~

~~COMM 434 – Rhetoric and Social Movements Credits: (3)~~

~~COMM 435 – Political Communication Credits: (3)~~

~~COMM 470 – Rhetoric of Community Building Credits: (3)~~

COMM 526 – Persuasion Credits: (3)

~~COMM 535 – Communication and Leadership Credits: (3)~~

~~COMM 545 – Communication & Democracy Credits: (3)~~

Or

COMM 433 – Communication Research Methods Credits: (3)

COMM 550 – Senior Colloquium Credits: (3)

Or

COMM 551 – Senior Honors Thesis Credits: (3)

Tracks: 12 hours total must be completed in one track. (3 of those hours must be the designated course in that track***)

Additional Requirements: 3 hours at the 500 level or higher (in addition to COMM 550 or 551)

Legal Communication (12 credit hours)

COMM 260 – Introduction to Trial Advocacy Credits: (3)

COMM 325 – Argumentation and Debate Credits: (3)

COMM 326 – Small Group Discussion Methods Credits: (3)

COMM 430 – Freedom of Speech Credits: (3)

COMM 460 – Advanced Trial Advocacy Credits: (3)

COMM 475 – Legal Communication Credits: (3)***

COMM 526 – Persuasion Credits: (3)

COMM 525 – Argumentation Theory Credits: (3)

Organizational Communication (12 credit hours)

COMM 311 – Business and Professional Speaking Credits: (3)

COMM 326 p Small Group Discussion Methods Credits: (3)

COMM 328 – Professional Interviewing Credits: (3)

COMM 425 – Theories of Organizational Communication Credits: (3)***

COMM 440 – Collaborative Communication & Event Planning Credits: (3)

COMM 480 – Intercultural Communication Credits: (3)

COMM 535 – Communication and Leadership Credits: (3)

Political Communication (12 credit hours)

COMM 321 – Public Speaking II Credits: (3)

COMM 325 – Argumentation and Debate Credits: (3)

COMM 432 – Rhetoric of the American Presidency Credits: (3)

COMM 434 – Rhetoric of Social Movements Credits: (3)

COMM 435 – Political Communication Credits: (3)***

COMM 470 – Rhetoric of Community Building Credits: (3)

COMM 525 – Argumentation Theory Credits: (3)

COMM 526 – Persuasion Credits: (3)

COMM 545 – Communication and Democracy Credits: (3)

Relational Communication (12 credit hours)

COMM 322 – Interpersonal Communication Credits: (3)

COMM 323 – Nonverbal Communication Credits: (3)

COMM 328 – Professional Interviewing Credits: (3)

COMM 480 – Intercultural Communication Credits: (3)

COMM 420 – Gender Communication Credits: (3)

COMM 526 – Persuasion Credits: (3)

COMM 542 – Relational Communication Credits: (3)***

Communication Studies Electives (15 credit hours)

Total hours required for graduation (120 credit hours)

Communication Studies Electives (15 credit hours)	
Total hours required for graduation (120 credit hours)	

RATIONALE: To align with the 2025 goal of increasing research opportunities for undergraduate students and to meet the needs of our growing major, we are adding three credit hours of research methods course requirement for all majors. To the end, we are also requiring an additional 500-level course. Moreover, we are streamlining our five tracks into four tracks that are more focused to a specific application area. Within each track, students will take a designated course that offers the primary theoretical content in that area of focus.

EFFECTIVE DATE: Fall 2012

Modern Languages

FROM:

TO:

Modern Languages (B.A.)

A major consists of classes above the 100 level taken in the same language, except for Spanish. (Spanish courses apply beginning with SPAN 361.) With the exception of transfer credit or credit by examination that is approved by the department, students who major in modern language must either (a) receive a grade of C or higher in all courses counted toward the major or (b) have a GPA of at least 2.50 in all courses counted toward the major.

Note: Literature courses in translation may *not* be applied toward the major. Two non-transfer courses are required at the 700-level.

The Department of Modern Languages strives to provide the best possible learning environment for its students, and for this reason we take very seriously the placement of students in courses that match their abilities. Each class in the sequence of our courses is designed so that students advance in reading, listening, writing, speaking, and cultural proficiency. In order to best serve each individual, *the Department reserves the right to remove students from the rosters of classes that do not correspond to their proficiency levels.* Students who have acquired advanced language skills abroad or at home must consult with Modern Languages staff in order to determine their appropriate entry point in our language sequence. Students who begin their coursework at advanced levels may qualify for retroactive credit in as many as four courses. For details, please see the Department of Modern Languages web page.

Spanish: (31 credit hours)

- Students must meet the general requirements for the BA degree.
- The major consists of courses above the 300 level, beginning with SPAN 361.
- NOTE: SPAN 362 (4A) **does not count** toward the major.
- Literature courses in translation may **not** be applied toward the major.
- Two non-transfer courses are required at the 700-level.

With the exception of transfer credit or credit by examination that is approved by the department, students who major in a modern language must either:

- Receive a grade of C or higher in all courses counted toward the major **OR**
- Have a GPA of at least 2.50 in all courses counted toward the major
- The Spanish Major offers 2 tracks: *Hispanic Studies* or *Hispanic Literature*

Hispanic studies option

Modern Languages (B.A.)

The Spanish major consists of 31 hours of classes at and above the 300-level as indicated in the list below. With the exception of transfer credit or credit by examination that is approved by the department, students who major in Spanish must either (a) receive a grade of C or higher in all courses counted toward the major or (b) have a GPA of at least 2.50 in all courses counted toward the major.

Note: Literature courses in translation may *not* be applied toward the major. Two non-transfer courses are required at the 700-level.

The Department of Modern Languages strives to provide the best possible learning environment for its students, and for this reason we take very seriously the placement of students in courses that match their abilities. Each class in the sequence of our courses is designed so that students advance in reading, listening, writing, speaking, and cultural proficiency. In order to best serve each individual, *the Department reserves the right to remove students from the rosters of classes that do not correspond to their proficiency levels.* Students who have acquired advanced language skills abroad or at home must consult with Modern Languages staff in order to determine their appropriate entry point in our language sequence. Students who begin their coursework at advanced levels may qualify for retroactive credit in as many as four courses at the basic level (I-IV). For details, please see the Department of Modern Languages web page.

Spanish: (31 credit hours)

- Thirty-one credit hours of Spanish courses at and above the 300-level.
- A grade of "C" or better or a minimum 2.5 GPA is required in all Spanish courses counted toward the major.
- Retroactive credit, study abroad credit, and AP credit may apply.
- NOTE: SPAN 362 (4A), SPAN 408 do not count toward the major.
- Two non-transfer courses are required at the 700-level.

Foundation Courses: 7 hours

- SPAN 361 - Spanish IV Credits: (4)
Or
SPAN 365 - Spanish for Heritage Speakers Credits: (4)
- SPAN 410 - Spanish Composition and Grammar Credits: (3)

Bridge Courses: 3 to 6 hours at the 400 level or above

- SPAN 420 - Spanish Conversation Credits: (3)

300 to 500 level requirements

- ~~SPAN 361 Spanish IV Credits: (4)~~
- (or equivalent)
- Spanish Elective 400 level and above Credits: (6)
- ~~SPAN 410 Spanish Composition and Grammar Credits: (3)~~
- or
- ~~SPAN 510 Structure of the Spanish Language Credits: (3)~~
- ~~SPAN 565 Spanish Civilization Credits: (3)~~
- ~~SPAN 566 Hispanic American Civilization Credits: (3)~~

Note:

Advanced students may substitute SPAN 670 on recommendation of instructor.

- ~~SPAN 670 Spanish Applied Linguistics Credits: (3)~~

One literature course required, choose from the following:

- ~~SPAN 550 Introduction to Literature in Spanish Credits: (3)~~
- or
- ~~SPAN 567 Introduction to the Literature of Spain Credits: (3)~~
- or
- ~~SPAN 568 Literature of Spanish America Credits: (3)~~

At least three 700 level courses, including

Category 1: Civilization and culture

- ~~SPAN 772 Spain Today Credits: (3)~~
- or
- ~~SPAN 773 Spanish America Today Credits: (3)~~

Category 2: Language or culture

- ~~SPAN 772 Spain Today Credits: (3)~~
- or
- ~~SPAN 773 Spanish America Today Credits: (3)~~

Category 3: Elective

- Elective Credits: (3)

Study Abroad is strongly recommended

Hispanic literature option

300 to 500 level requirements

- Spanish Elective 400 level and above Credits: (6)
- ~~SPAN 361 Spanish IV Credits: (4)~~
- (or equivalent)
- ~~SPAN 550 Introduction to Literature in Spanish Credits: (3)~~
- ~~SPAN 567 Introduction to the Literature of Spain Credits: (3)~~
- ~~SPAN 568 Literature of Spanish America Credits: (3)~~

One civilization course required, choose from the following:

- ~~SPAN 565 Spanish Civilization Credits: (3)~~
- or

- SPAN 421 – Listening Skills Credits: (3)
- SPAN 430 – Hispanic Readings Credits: (3)
- SPAN 530 – Professional Spanish: Business Credits: (3)
- SPAN 531 – Professional Spanish: Health and Human Services Credits: (3)
- SPAN 575 – Spanish << >> English Translation: Concepts and Practices Credits: (3)

Core Courses: A minimum of 9 hours at the 500 level

- SPAN 550 - Introduction to Literature in Spanish Credits: (3)
- SPAN 560 - Introduction to U.S. Latino/a Literature and Culture in Spanish Credits: (3)
- SPAN 565 - Spanish Civilization Credits: (3)
- SPAN 566 – Spanish American Civilization Credits: (3)
- SPAN 567 - Literature of Spain Credits: (3)
- SPAN 568 - Literature of Spanish America Credits: (3)

Advanced Courses: A minimum of 9 credit hours at the 600 - 700 level. One class from EACH group

GROUP A:

- SPAN 730 Medieval Spanish Literature
- SPAN 731 Early Modern Literature of Spain
- SPAN 732 Cervantes
- SPAN 734 Eighteenth and Nineteenth-Century Spanish Literature
- SPAN 735 Twentieth-Century Spanish Literature
- SPAN 736 Spanish Poetry
- SPAN 772 Spain Today

GROUP B:

- SPAN 750 Spanish American Narrative: Origins to the Nineteenth Century
- SPAN 751 Spanish American Narrative: Early Twentieth Century
- SPAN 752 Spanish American Narrative: Contemporary
- SPAN 755 Spanish American Drama
- SPAN 757 Spanish American Poetry
- SPAN 760 U.S. Latino/a Literature and Culture in Spanish
- SPAN 773 Spanish America Today

GROUP C:

- SPAN 600 Introduction to Linguistics
- SPAN 670 Advanced Spanish Grammar
- SPAN 768 Hispanic Cinema
- SPAN 771 Advanced Spanish Translation
- SPAN 776 History of the Spanish Language
- SPAN 777 Hispanic Cultures and Literatures: Teaching Strategies
- SPAN 779 Selected Topics in Spanish

<ul style="list-style-type: none"> ● SPAN 566—Hispanic American Civilization Credits: (3) <p>At least three 700-level courses, including</p> <p>Category 1: Spanish Literature</p> <ul style="list-style-type: none"> ● Elective Credits: (3) <p>Category 2: Spanish American Literature</p> <ul style="list-style-type: none"> ● Elective Credits: (3) <p>Category 3: Elective</p> <ul style="list-style-type: none"> ● Elective Credits: (3) <p>Study Abroad is strongly recommended</p>	
<hr/> <p>Major option “with distinction”</p> <p>The department also offers a major option “with distinction”.</p> <ul style="list-style-type: none"> ● Students seeking this option must maintain a 3.5 GPA in all courses taken toward the major while they fulfill the requirements. ● 37 credit hours, in addition to the regular major. <p>Hispanic Studies Option:</p> <ul style="list-style-type: none"> ● One additional literature course ● One additional 700-level course <p>Hispanic Literature Option:</p> <ul style="list-style-type: none"> ● One additional 700-level Spanish course, any category. ● Spanish or Hispanic American Civilization (SPAN 565 or 566). ● SPAN 565—Spanish Civilization Credits: (3) ● or ● SPAN 566—Hispanic American Civilization Credits: (3) 	<hr/> <p>Major option “with distinction”</p> <p>The department also offers a major option “with distinction”. <u>Students seeking this option must:</u></p> <ul style="list-style-type: none"> ● <u>maintain a 3.5 GPA in all courses taken toward the major while they fulfill the requirements.</u> ● <u>complete 6 hours in addition to the regular major:</u> <ul style="list-style-type: none"> ○ <u>One additional 500-level course</u> ○ <u>One additional 700-level course</u>

RATIONALE: The “Report to the Teagle Foundation on the Undergraduate Major in Language and Literature,”¹ published in the 2009 issue of *Profession* and authored by the Modern Language Association Teagle Foundation Working Group, identifies four basic elements that should be present in any language program: “a coherent program of study, collaborative teamwork among faculty members, interdepartmental cooperative teaching, and the adoption of outcome measurements.” The MLA report recommended a more structured major. In response to this, the Spanish section in the Department of Modern Languages decided to unify the two tracks in place (Hispanic Studies and Hispanic Literature) to provide students a more cohesive program of study. In this context, the new curriculum of the Spanish major presents an integrated, progressive course of study with articulated goals for each course. Students will enroll in clearly sequenced courses that move from less to more complex analytic projects and that build on the knowledge and skills they have already acquired. Students and faculty together will be aware of the goals of each course and the aims of the major. A primary objective is steady progress toward advanced language proficiency according to guidelines of the Federal Government and the American Council on the Teaching of Foreign Languages. The Department offers classes in each category every semester, giving our major students the possibility to graduate in a timely manner.

There are specific recommendations by the MLA about types of courses that should be offered: 1. Courses that develop literacy in reading and writing. 2. At least one course devoted to slow reading and in-depth study of an artistically great work or works. 3. At least one small seminar to develop individuals’ capacities to their fullest. 4.

¹ http://www.mla.org/teaglereport_page

At least one team-taught or interdisciplinary class. 5. A course on disciplinary issues and scholarly debates. 6. The opportunity to study abroad. Following these recommendations, the major in Spanish is divided into four blocks: Foundation courses; Bridge courses; Core courses; and Advanced courses. The Spanish section has rewritten the descriptions of all classes to ensure that there are clear and common goals, that the sequence is followed, that all faculty know what is taught in all classes, and that the six points are covered by the new curriculum.

We have literature at the center of the new major because we value:

1. the aesthetics of language, for which literature is a primary source;
2. the correspondence between sharpness of thought and aptness of expression;
3. the usefulness of language for articulating abstract ideas and understanding complex issues.

The major insists on the value of intellectual and linguistic accomplishment and stresses language and literature as key to understanding human achievement. These premises, plus the careful sequencing of our courses and the interrelationship between language, literature, and culture, will result in higher achievement in the SLOs of the department: Advanced level skill in speaking, reading and writing; Research / Problem-solving; Cross-cultural/diversity awareness and competence.

The classes in this major fulfill the language, literary/rhetorical arts, international overlay, and Western heritage requirements and comply with K-State 8 (General Education.) These courses participate in American Ethnic Studies, Women's Studies, the Certificate in the Study of Arts and Sciences through Primary Texts, the Secondary Major in International Studies, and the Secondary Major in Latin American Studies, and we collaborate closely with Hispanists in other departments. Faculty-led programs in Spain and Spanish America complement the major.

EFFECTIVE DATE: Fall 2012

COLLEGE OF ENGINEERING (Approved 11-4-11)

UNDERGRADUATE CURRICULUM CHANGES

Electrical and Computer Engineering

Curriculum Change:

Electrical Engineering

From:

~~[CHE 350 - Electronic Materials](#)~~ Credits: (2)

To:

CHE 354. Basic Concepts in Materials Science and Engineering – 1 credit hour

CHE 356. Fundamentals of Electrical Properties – 1 credit hour

No change in total number of hours to graduate

Rationale: CHE 350 has been replaced by a sequence of CHE 354 & 356. This curriculum change will drop the obsolete CHE 350 and replace it with CHE 354 & 356 to bring the catalog into alignment with the current course offerings. There are no other changes.

Impact (i.e. if this impacts another unit): None

Effective: Spring 2012

<p>The Electrical Engineering program is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.</p> <p>Bachelor's degree requirements</p> <p>Freshman year</p> <hr/> <p>Fall semester (16 credit hours)</p> <hr/> <p>CHM 210 - Chemistry I Credits: (4) COMM 105 - Public Speaking IA Credits: (2) ECE 015 - New Student Assembly Credits: (0) ECE 210 - Introduction to Electrical Engineering Credits: (3) ENGL 100 - Expository Writing I Credits: (3) MATH 220 - Analytic Geometry and Calculus I Credits: (4)</p> <p>Spring semester (16 credit hours)</p> <hr/> <p>BIOL 198 - Principles of Biology Credits: (4) or</p>	<p>The Electrical Engineering program is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.</p> <p>Bachelor's degree requirements</p> <p>Freshman year</p> <hr/> <p>Fall semester (16 credit hours)</p> <hr/> <ul style="list-style-type: none">• CHM 210 - Chemistry I Credits: (4)• COMM 105 - Public Speaking IA Credits: (2)• ECE 015 - New Student Assembly Credits: (0)• ECE 210 - Introduction to Electrical Engineering Credits: (3)• ENGL 100 - Expository Writing I Credits: (3)• MATH 220 - Analytic Geometry and Calculus I Credits: (4) <p>Spring semester (16 credit hours)</p> <hr/> <ul style="list-style-type: none">• BIOL 198 - Principles of Biology Credits: (4)
---	--

<p>CHM 230 - Chemistry II Credits: (4) ECON 110 - Principles of Macroeconomics</p> <p>Credits: (3)</p> <p>ECE 015 - New Student Assembly Credits: (0) MATH 221 - Analytic Geometry and Calculus II</p> <p>Credits: (4)</p> <p>PHYS 213 - Engineering Physics I Credits: (5)</p> <p>Sophomore year</p> <hr/> <p>Fall semester (16 credit hours)</p> <hr/> <p>DEN 325 - Introduction to Personal and Professional Development Credits: (1) ECE 241 - Introduction to Computer Engineering</p> <p>Credits: (3)</p> <p>ECE 410 - Circuit Theory I Credits: (3) MATH 240 - Elementary Differential Equations</p> <p>Credits: (4)</p> <p>PHYS 214 - Engineering Physics II Credits: (5)</p> <p>Spring semester (16 credit hours)</p> <hr/> <p>CIS 209 - C Programming for Engineers Credits: (3)</p> <p>ECE 511 - Circuit Theory II Credits: (3) ECE 525 - Electronics I Credits: (3) MATH 222 - Analytic Geometry and Calculus III</p> <p>Credits: (4)</p> <p>STAT 510 - Introductory Probability and Statistics I</p> <p>Credits: (3)</p> <p>Junior year</p> <hr/> <p>Fall semester (15 credit hours)</p> <hr/> <p>**Humanities/Social Science Elective</p> <p>Credits: (3)</p> <p>ECE Technical Electives Credits: (3) ECE 431 - Microcontrollers Credits: (3) ECE 526 - Electronics II Credits: (3) ECE 540 - Applied Scientific Computing for Engineers Credits: (3)</p> <p>Spring semester (17 credit hours)</p> <hr/> <p>**Humanities/Social Science Elective</p> <p>Credits: (3)</p> <p>ECE 502 - Electronics Laboratory Credits: (2)</p>	<ul style="list-style-type: none"> • or • CHM 230 - Chemistry II Credits: (4) • ECON 110 - Principles of Macroeconomics <p>Credits: (3)</p> <ul style="list-style-type: none"> • ECE 015 - New Student Assembly Credits: (0) • MATH 221 - Analytic Geometry and Calculus II <p>Credits: (4)</p> <ul style="list-style-type: none"> • PHYS 213 - Engineering Physics I Credits: (5) <p>Sophomore year</p> <hr/> <p>Fall semester (16 credit hours)</p> <hr/> <ul style="list-style-type: none"> • DEN 325 - Introduction to Personal and Professional Development Credits: (1) • ECE 241 - Introduction to Computer Engineering <p>Credits: (3)</p> <ul style="list-style-type: none"> • ECE 410 - Circuit Theory I Credits: (3) • MATH 240 - Elementary Differential Equations <p>Credits: (4)</p> <ul style="list-style-type: none"> • PHYS 214 - Engineering Physics II Credits: (5) <p>Spring semester (16 credit hours)</p> <hr/> <ul style="list-style-type: none"> • CIS 209 - C Programming for Engineers Credits: (3) • ECE 511 - Circuit Theory II Credits: (3) • ECE 525 - Electronics I Credits: (3) • MATH 222 - Analytic Geometry and Calculus III <p>Credits: (4)</p> <ul style="list-style-type: none"> • STAT 510 - Introductory Probability and Statistics I Credits: (3) <p>Junior year</p> <hr/> <p>Fall semester (15 credit hours)</p> <hr/> <ul style="list-style-type: none"> • **Humanities/Social Science Elective <p>Credits: (3)</p> <ul style="list-style-type: none"> • ECE Technical Electives Credits: (3) • ECE 431 - Microcontrollers Credits: (3) • ECE 526 - Electronics II Credits: (3) • ECE 540 - Applied Scientific Computing for Engineers Credits: (3) <p>Spring semester (17 credit hours)</p> <hr/> <ul style="list-style-type: none"> • **Humanities/Social Science Elective
--	---

[ECE 512 - Linear Systems](#) Credits: (3)
[ECE 557 - Electromagnetic Theory I](#) Credits: (3)
[ECE 581 - Energy Conversion I](#) Credits: (3)
[ENGL 415 - Written Communication for Engineers](#)

Credits: (3)

Senior year

Fall semester (17 credit hours)

***Technical electives Credits: (6)
**Humanities/Social Science Elective

Credits: (3)

[CE 530 - Statics and Dynamics](#) Credits: (3)
~~[CHE 350 - Electronic Materials](#)~~ Credits: (2)

[ECE 530 - Control Systems Design](#) Credits: (3)

Spring semester (16 credit hours)

***Technical electives Credits: (9)
**Humanities/Social Science Elective

Credits: (3)

[ECE 590 - Seminar](#) Credits: (1)
[ME 513 - Thermodynamics I](#) Credits: (3)

Electrical engineering options

General option

In the general option a set of specializations is possible. Students are expected to select a set of interrelated courses that fulfills an engineering design experience and allows for concentration in one area. Examples of such areas are communication systems and signal processing, digital electronics, integrated circuits and devices, and power systems.

Bioengineering option

Bioengineering is the application of engineering principles to measurement, analysis, and design issues faced by the medical and life science communities. The health care industry is one of the fastest-growing business sectors in the United

Credits: (3)

- [ECE 502 - Electronics Laboratory](#) Credits: (2)
- [ECE 512 - Linear Systems](#) Credits: (3)
- [ECE 557 - Electromagnetic Theory I](#) Credits: (3)
- [ECE 581 - Energy Conversion I](#) Credits: (3)
- [ENGL 415 - Written Communication for Engineers](#)

Credits: (3)

Senior year

Fall semester (17 credit hours)

- ***Technical electives Credits: (6)
- **Humanities/Social Science Elective

Credits: (3)

• [CE 530 - Statics and Dynamics](#) Credits: (3)
[CHE 354. Basic Concepts in Materials Science and Engineering](#) Credits: (1)
[CHE 356. Fundamentals of Electrical Properties](#)
Credits: (1)

- [ECE 530 - Control Systems Design](#) Credits: (3)

Spring semester (16 credit hours)

- ***Technical electives Credits: (9)
- **Humanities/Social Science Elective

Credits: (3)

- [ECE 590 - Seminar](#) Credits: (1)
- [ME 513 - Thermodynamics I](#) Credits: (3)

Electrical engineering options

General option

In the general option a set of specializations is possible. Students are expected to select a set of interrelated courses that fulfills an engineering design experience and allows for concentration in one area. Examples of such areas are communication systems and signal processing, digital electronics, integrated circuits and devices, and power systems.

Bioengineering option

Bioengineering is the application of engineering principles to measurement, analysis, and design issues faced by the medical and life science communities. The health care industry is one of

States. Through the bioengineering option, undergraduate students can obtain a BS degree in electrical engineering while acquiring a highly marketable biotechnology skill set. Areas of emphasis within this option are medical instrumentation (biosensors and data acquisition tools), biosignal analysis, and biomedical product design.

Candidates for this option include undergraduate electrical engineering and pre-medicine students who seek a multidisciplinary environment focused upon using technology to increase quality of life. Instructors from various colleges at K-State contribute to this curriculum.

The curriculum accommodates pre-medicine students through the acceptance of core premedicine courses as complementary electives. Students pursuing a [pre-medicine program](#) should contact the [dean's office in the College of Arts and Sciences](#) for additional information.

Notes

*Students must complete the appropriate prerequisite credits for ENGL 415, but may apply only three hours of ENGL 415 prerequisite credits towards degree requirements.

**Humanities and Social Science electives are to be selected from the list of courses approved by the College of Engineering. Students should select these courses as needed to complete the requirements of the [K-State 8](#) General Education program.

***Technical electives must be selected to complete one of the areas of specialization.

IMPORTANT NOTES: Students who first enroll in Summer 2011 or later must meet the requirements of the [K-State 8](#) General Education Program.

Students who began their programs of study in earlier terms under the University General Education ([UGE](#)) program may complete their degrees with UGE requirements or may choose to move to the K-State 8. Students should check with

the fastest-growing business sectors in the United States. Through the bioengineering option, undergraduate students can obtain a BS degree in electrical engineering while acquiring a highly marketable biotechnology skill set. Areas of emphasis within this option are medical instrumentation (biosensors and data acquisition tools), biosignal analysis, and biomedical product design.

Candidates for this option include undergraduate electrical engineering and pre-medicine students who seek a multidisciplinary environment focused upon using technology to increase quality of life. Instructors from various colleges at K-State contribute to this curriculum.

The curriculum accommodates pre-medicine students through the acceptance of core premedicine courses as complementary electives. Students pursuing a [pre-medicine program](#) should contact the [dean's office in the College of Arts and Sciences](#) for additional information.

Notes

*Students must complete the appropriate prerequisite credits for ENGL 415, but may apply only three hours of ENGL 415 prerequisite credits towards degree requirements.

**Humanities and Social Science electives are to be selected from the list of courses approved by the College of Engineering. Students should select these courses as needed to complete the requirements of the [K-State 8](#) General Education program.

***Technical electives must be selected to complete one of the areas of specialization.

IMPORTANT NOTES: Students who first enroll in Summer 2011 or later must meet the requirements of the [K-State 8](#) General Education Program.

Students who began their programs of study in earlier terms under the University General Education ([UGE](#)) program may complete their degrees with UGE requirements or may choose to

<p>their academic advisors to determine which choice would be better. To switch, students must consult with their academic advisors.</p> <p>Students who are readmitted in Summer 2011 and later will be designated as meeting the K–State 8 by the Office of Admissions. Deans’ offices can make an exception for the readmitted student who has completed UGE or who would prefer to complete UGE requirements.</p> <p>For additional information about the University General Education program, check the requirements specified by the College of Engineering.</p> <p>Total hours required for graduation (129)</p> <hr/>	<p>move to the K–State 8. Students should check with their academic advisors to determine which choice would be better. To switch, students must consult with their academic advisors.</p> <p>Students who are readmitted in Summer 2011 and later will be designated as meeting the K–State 8 by the Office of Admissions. Deans’ offices can make an exception for the readmitted student who has completed UGE or who would prefer to complete UGE requirements.</p> <p>For additional information about the University General Education program, check the requirements specified by the College of Engineering.</p> <p>Total hours required for graduation (129)</p> <hr/>
---	---

Computer Engineering Curriculum Change:

From:

**** [CIS 543—Software Engineering Design Project](#) Credits: (3)

To:

**** [CIS 520 – Operating Systems 1](#) Credits: (3)

Rationale: CIS 543 is currently specified in the curriculum to give students a teamwork experience. The faculty decided that CIS 520 (Operating Systems 1) provides technical content such as memory management, disk management, file handling, and multi-processor scheduling which is more relevant to Computer Engineering areas of specialization such as Computer Architecture. After confirming that CIS 520 also provides a teamwork experience, the faculty recommended the change.

Impact (i.e. if this impacts another unit): Discussed with Department of Computing and Information Sciences

Effective Date: Spring 2012

<p>The Computer Engineering program is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.</p> <p>Bachelor’s degree requirements Freshman year</p> <hr/> <p>Fall semester (16 credit hours)</p> <hr/> <p>CHM 210 - Chemistry I Credits: (4)</p>	<p>The Computer Engineering program is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.</p> <p>Bachelor’s degree requirements Freshman year</p> <hr/> <p>Fall semester (16 credit hours)</p> <hr/> <p>CHM 210 - Chemistry I Credits: (4)</p>
--	--

[COMM 105 - Public Speaking IA](#) Credits: (2)
[ECE 015 - New Student Assembly](#) Credits: (0)
[ECE 241 - Introduction to Computer Engineering](#)
Credits: (3)
* [ENGL 100 - Expository Writing I](#) Credits: (3)
[MATH 220 - Analytic Geometry and Calculus I](#)
Credits: (4)
Spring semester (16 credit hours)

[CIS 200 - Fundamentals of Software Design](#)
Credits: (4)
[ECE 015 - New Student Assembly](#) Credits: (0)
[ECE 210 - Introduction to Electrical Engineering](#)
Credits: (3)
[MATH 221 - Analytic Geometry and Calculus II](#)
Credits: (4)
[PHYS 213 - Engineering Physics I](#) Credits: (5)
Sophomore year

Fall semester (16 credit hours)

[CIS 300 - Data and Program Structures](#) Credits:
(3)
[DEN 325 - Introduction to Personal and Professional Development](#) Credits: (1)
[ECE 441 - Design of Digital Systems](#) Credits: (3)
[MATH 240 - Elementary Differential Equations](#)
Credits: (4)
[PHYS 214 - Engineering Physics II](#) Credits: (5)
Spring semester (17 credit hours)

[CIS 308 - C/C++ Language Laboratory](#) Credits:
(1)
[ECON 110 - Principles of Macroeconomics](#)
Credits: (3)
[ECE 410 - Circuit Theory I](#) Credits: (3)
[ECE 431 - Microcontrollers](#) Credits: (3)
[MATH 222 - Analytic Geometry and Calculus III](#)
Credits: (4)
[STAT 510 - Introductory Probability and Statistics I](#) Credits: (3)
Junior year

Fall semester (18 credit hours)

**Humanities/Social Science Elective
Credits: (3)

[COMM 105 - Public Speaking IA](#) Credits: (2)
[ECE 015 - New Student Assembly](#) Credits: (0)
[ECE 241 - Introduction to Computer Engineering](#)
Credits: (3)
* [ENGL 100 - Expository Writing I](#) Credits: (3)
[MATH 220 - Analytic Geometry and Calculus I](#)
Credits: (4)
Spring semester (16 credit hours)

[CIS 200 - Fundamentals of Software Design](#)
Credits: (4)
[ECE 015 - New Student Assembly](#) Credits: (0)
[ECE 210 - Introduction to Electrical Engineering](#)
Credits: (3)
[MATH 221 - Analytic Geometry and Calculus II](#)
Credits: (4)
[PHYS 213 - Engineering Physics I](#) Credits: (5)
Sophomore year

Fall semester (16 credit hours)

[CIS 300 - Data and Program Structures](#) Credits:
(3)
[DEN 325 - Introduction to Personal and Professional Development](#) Credits: (1)
[ECE 441 - Design of Digital Systems](#) Credits: (3)
[MATH 240 - Elementary Differential Equations](#)
Credits: (4)
[PHYS 214 - Engineering Physics II](#) Credits: (5)
Spring semester (17 credit hours)

[CIS 308 - C/C++ Language Laboratory](#) Credits:
(1)
[ECON 110 - Principles of Macroeconomics](#)
Credits: (3)
[ECE 410 - Circuit Theory I](#) Credits: (3)
[ECE 431 - Microcontrollers](#) Credits: (3)
[MATH 222 - Analytic Geometry and Calculus III](#)
Credits: (4)
[STAT 510 - Introductory Probability and Statistics I](#) Credits: (3)
Junior year

Fall semester (18 credit hours)

**Humanities/Social Science Elective
Credits: (3)

[CIS 501 - Software Architecture and Design](#)

Credits: (3)

[ECE 511 - Circuit Theory II](#) **Credits:** (3)

[ECE 525 - Electronics I](#) **Credits:** (3)

[ECE 540 - Applied Scientific Computing for Engineers](#) **Credits:** (3)

[MATH 510 - Discrete Mathematics](#) **Credits:** (3)

Spring semester (15 credit hours)

***Technical electives **Credits:** (3)

**Humanities/Social Science Elective

Credits: (3)

[ECE 512 - Linear Systems](#) **Credits:** (3)

[ECE 557 - Electromagnetic Theory I](#) **Credits:** (3)

[ECE 649 - Computer Design I](#) **Credits:** (3)

Senior year

Fall semester (15 credit hours)

***Technical Electives **Credits:** (3)

**Humanities/Social Science Elective

Credits: (3)

**** [CIS 543 - Software Engineering Design](#)

[Project](#) **Credits:** (3)

[ECE 643 - Computer Engineering Design Lab](#)

Credits: (3)

[ENGL 415 - Written Communication for Engineers](#)

Credits: (3)

Spring semester (16 credit hours)

***Technical electives **Credits:** (9)

**Humanities/Social Science Elective

Credits: (3)

[ECE 590 - Seminar](#) **Credits:** (1)

[ECE 645 - Digital Electronics](#) **Credits:** (3)

Notes

*Students must complete the appropriate prerequisite credits for [ENGL 415](#) , but may apply only 3 credit hours of ENGL 415 prerequisite credits towards degree requirements.

**Humanities and Social Science electives are to be selected from the list of courses approved by the College of Engineering. Students should select

[CIS 501 - Software Architecture and Design](#)

Credits: (3)

[ECE 511 - Circuit Theory II](#) **Credits:** (3)

[ECE 525 - Electronics I](#) **Credits:** (3)

[ECE 540 - Applied Scientific Computing for Engineers](#) **Credits:** (3)

[MATH 510 - Discrete Mathematics](#) **Credits:** (3)

Spring semester (15 credit hours)

***Technical electives **Credits:** (3)

**Humanities/Social Science Elective

Credits: (3)

[ECE 512 - Linear Systems](#) **Credits:** (3)

[ECE 557 - Electromagnetic Theory I](#) **Credits:** (3)

[ECE 649 - Computer Design I](#) **Credits:** (3)

Senior year

Fall semester (15 credit hours)

***Technical Electives **Credits:** (3)

**Humanities/Social Science Elective

Credits: (3)

**** [CIS 520 - Operating Systems 1](#) **Credits:** (3)

[ECE 643 - Computer Engineering Design Lab](#)

Credits: (3)

[ENGL 415 - Written Communication for Engineers](#)

Credits: (3)

Spring semester (16 credit hours)

***Technical electives **Credits:** (9)

**Humanities/Social Science Elective

Credits: (3)

[ECE 590 - Seminar](#) **Credits:** (1)

[ECE 645 - Digital Electronics](#) **Credits:** (3)

Notes

*Students must complete the appropriate prerequisite credits for [ENGL 415](#) , but may apply only 3 credit hours of ENGL 415 prerequisite credits towards degree requirements.

**Humanities and Social Science electives are to be selected from the list of courses approved by the College of Engineering. Students should select

<p>these courses as needed to complete the requirements of the K-State 8 General Education program.</p> <p>***Technical electives must be selected to complete one of the specialization areas.</p> <p>****Offered only semester shown in curriculum.</p> <p>IMPORTANT NOTES: Students who first enroll in Summer 2011 or later must meet the requirements of the K-State 8 General Education Program. Students who began their programs of study in earlier terms under the University General Education (UGE) program may complete their degrees with UGE requirements or may choose to move to the K-State 8. Students should check with their academic advisors to determine which choice would be better. To switch, students must consult with their academic advisors.</p> <p>Students who are readmitted in Summer 2011 and later will be designated as meeting the K-State 8 by the Office of Admissions. Deans' offices can make an exception for the readmitted student who has completed UGE or who would prefer to complete UGE requirements.</p> <p>For additional information about the University General Education program, check the requirements specified by the College of Engineering.</p> <p>Total credit hours required for graduation (129)</p> <hr/>	<p>these courses as needed to complete the requirements of the K-State 8 General Education program.</p> <p>***Technical electives must be selected to complete one of the specialization areas.</p> <p>****Offered only semester shown in curriculum.</p> <p>IMPORTANT NOTES: Students who first enroll in Summer 2011 or later must meet the requirements of the K-State 8 General Education Program. Students who began their programs of study in earlier terms under the University General Education (UGE) program may complete their degrees with UGE requirements or may choose to move to the K-State 8. Students should check with their academic advisors to determine which choice would be better. To switch, students must consult with their academic advisors.</p> <p>Students who are readmitted in Summer 2011 and later will be designated as meeting the K-State 8 by the Office of Admissions. Deans' offices can make an exception for the readmitted student who has completed UGE or who would prefer to complete UGE requirements.</p> <p>For additional information about the University General Education program, check the requirements specified by the College of Engineering.</p> <p>Total credit hours required for graduation (129)</p> <hr/>
--	--

GRADUATE COURSE CHANGES

Graduate Council Approved on November 1, 2011

NEW COURSES

Biology

ADD: BIOL 808 – Mechanisms of Eukaryotic Gene Regulation. (2) II. Examines important concepts in the mechanisms of gene regulation at the molecular level. Focuses on gene regulation in eukaryotes at the level of transcription, splicing and translation and on RNA's diverse roles. Composed of a lecture (1 hr) covering important concepts and a student recitation (1 hr) of scientific articles. Pr.: BIOCH 765 and BIOL 541 or BIOL 705, or BIOL 707.

RATIONALE: Molecular biology forms the basis of applied bioscience including medicine and biotechnology. Understanding the mechanism of gene expression and its regulation is a vital component of molecular biology. This course emphasizes the understanding from the perspectives of biochemical and structural biology and thereby complements the core courses of the Molecular, Cellular and Developmental Biology program of Division of Biology.

IMPACT: None

EFFECTIVE DATE: Spring 2012

English

ADD: ENGL 769 – Creative Writing Workshop/Special Topic. (3) I, II, S. Special topics vary. Repeatable with change of topic. Pr: Instructor permission.

RATIONALE: ENGL 769 will allow for time- and focus-specific courses in creative writing at the advanced level. The course will serve a parallel function to that of ENGL 469 Special Topics in Creative Writing at the undergraduate/introductory level and will enrich the offerings available to advanced undergraduate and graduate students.

IMPACT: None

EFFECTIVE DATE: Spring 2012

Journalism and Mass Communication

ADD: MC 750 – Strategic Health Communication. (3) II. The role of effective communication through mass media and other communication strategies in health promotion and behavior change. Includes the theories and strategies used to promote public health messages, services or products for multicultural audiences, with a focus on human, environment and animal health. Legal, ethical issues and gender issues in health communication will be given special attention. Pr.: Graduate standing, or instructor permission with a 2.5 GPA.

RATIONALE: This class represents a component of our graduate program's new focus in health and strategic communications, and has been successfully offered under the trial number MC 740 Colloquium in Mass Communications. The class is already listed in the degree plan of the interdisciplinary Public Health graduate degree, and when it was offered in the Spring 2011 semester, the class drew students from Public Health, Kinesiology, Family studies, Nutrition, Psychology, Communication Studies and , of course, our own students from Journalism and Mass Communications. The class

represents the research interests of some JMC faculty members who have published extensively in this field.

IMPACT: We have checked with the two most likely affected degree programs on campus: Agricultural Communications (currently an undergraduate-only program) and Communication Studies. Steve Harbstreit, the curriculum coordinator for Ag Comm, and Charles Griffin, the department head in Communication Studies, have both consulted their respective faculties, and both report that there are no objections.

EFFECTIVE DATE: Fall 2012

Music

ADD: MUSIC 810 – Curriculum Development and Learning Assessment. (3) I, II, S, Every other year/every 3rd summer. Music 810 focuses on development and implementation of comprehensive music education in K-12 public schools. Attention is given to sequential scaffolding of content within and across developmental levels, measuring student outcomes, and options for dissemination. Among factors studied will be evaluation materials, techniques, and design of reliable and valid measures.

RATIONALE: This course will complete the content offerings for the Master of Music in Music Education and the Ph.D. Music Education cognate.

IMPACT: None

EFFECTIVE DATE: Summer 2012

ADD: MUSIC 821 – Piano Pedagogy I. (3) I. Piano Pedagogy I focuses on how to teach and perform a broad spectrum of intermediate piano repertoire.

RATIONALE: This course is added to meet accreditation standards.

IMPACT: None

EFFECTIVE DATE: Fall 2012

ADD: MUSIC 822 – Piano Pedagogy II. (3) II. Piano Pedagogy II teaches students how to teach and perform selected advances-level piano repertoire by notable composers for the instrument.

RATIONALE: This course is added to meet accreditation standards.

IMPACT: None

EFFECTIVE DATE: Fall 2012

ADD: MUSIC 823 – Supervised Teaching in Piano. (2) I, II. Students will be observed by the instructor and classmates teaching lessons and provide feedback and commentary in a masterclass format.

RATIONALE: This course is added to meet accreditation standards.

IMPACT: None

EFFECTIVE DATE: Fall 2012

ADD: MUSIC 824 – Half Recital in Piano. (1) I, II. Students will present a 30 minute recital demonstrating proficiencies as defined by the instructor.

RATIONALE: This course is added to meet accreditation standards.

IMPACT: None

EFFECTIVE DATE: Fall 2012

ADD: MUSIC 825 – Lecture Recital in Piano. (1) I, II. Students will present a lecture-recital that will be a musically-illustrated presentation on some aspect of piano pedagogy.

RATIONALE: This course is added to meet accreditation standards.

IMPACT: None

EFFECTIVE DATE: Fall 2012

GRADUATE CURRICULUM CHANGES

Geographic Information Science Graduate Certificate

FROM:

TO:

Elective courses – select two (minimum of 6 credit hours)

Elective courses – select two (minimum of 6 credit hours)

In addition to the Geospatial Core courses, students enrolled in the Graduate Certificate on GIScience program must take a minimum of 6 additional credit hours of electives consisting of courses in intermediate/advanced GIScience or application courses with a major emphasis on the use of geospatial technologies. Elective requirements may be satisfied from the following course list or, in some instances, be met through special topics or independent study courses with significant geospatial content (must be approved by the certificate coordinator).

In addition to the Geospatial Core courses, students enrolled in the Graduate Certificate on GIScience program must take a minimum of 6 additional credit hours of electives consisting of courses in intermediate/advanced GIScience or application courses with a major emphasis on the use of geospatial technologies. Elective requirements may be satisfied from the following course list or, in some instances, be met through special topics or independent study courses with significant geospatial content (must be approved by the certificate coordinator).

- AGRON 655 – Site Specific Agriculture Credits: (3)
- CE 585 – Civil Engineering Project Credits: (1-3)
- CIS 501 – Software Architecture and Design Credits: (3)
- CIS 560 – Database System Concepts Credits: (3)
- CIS 635 – Introduction to Computer-Based Knowledge Systems Credits: (3)
- CIS 636 – Introduction to Computer Graphics Credits: (3)
- GENAG 582 – Natural Resources/Environmental Science Project (NRES) Credits: (3)
- GEOG 610 – Geography Internship Credits: (Var.)
- GEOG 700 – Quantitative Analysis in Geography Credits: (3)
- GEOG 702 – Computer Mapping and Geographic Visualization Credits: (3)
- GEOG 711 – Topics in Remote Sensing Credits: (3)
- GEOL 560 – Field Methods Credits: (3)

- AGRON 655 – Site Specific Agriculture Credits: (3)
- CE 585 – Civil Engineering Project Credits: (1-3)
- CIS 501 – Software Architecture and Design Credits: (3)
- CIS 560 – Database System Concepts Credits: (3)
- CIS 635 – Introduction to Computer-Based Knowledge Systems Credits: (3)
- CIS 636 – Introduction to Computer Graphics Credits: (3)
- DAS/DEN/GENAG 582 – Natural Resources/Environmental Science Project (NRES) Credits: (3)
- GENAG 582 – Natural Resources/Environmental Science Project (NRES) Credits: (3)
- GEOG 610 – Geography Internship Credits: (Var.)
- GEOG 700 – Quantitative Analysis in Geography Credits: (3)
- GEOG 702 – Computer Mapping and Geographic Visualization Credits: (3)
- GEOG 711 – Topics in Remote Sensing Credits: (3)
- GEOG 795 – Topics in Geographic Information Science Credits: (3)
- GEOG 808 – Geocomputation Credits: (3)
- GEOG 880 – Spatial Data Analysis and Modeling Credits: (3)
- GEOG 895 – Topics in Spatial Analysis Credits: (3)
- GEOL 560 – Field Methods Credits: (3)

RATIONALE: This is a routine addition of courses that meet the program's elective requirement. A number of new courses are now offered that were not available when the certificate was originally approved.

IMPACT: None

EFFECTIVE DATE: Spring 2012

Master of Music

FROM:

TO:

~~Performance with pedagogy emphasis~~

~~Differs from the performance specialization in the following:~~

~~Major field~~

~~6 hours individual instruction; 3 hours **Methods and Materials** (MUSIC 828), including supervised practice teaching; 3 hours of MUSIC 805.~~

~~—MUSIC 805—Theories of Music Education **Credits:** (3)~~

~~Master's report (recital)~~

~~Should the student choose to write program notes (option a), these should include discussion of the pedagogical problems and values of the works. Should the student choose to present a lecture recital (option b), this should be a musically illustrated presentation on some aspect of pedagogy in his or her field.~~

~~In place of a master's recital, the student may write a master's report in the field of pedagogy. The student choosing this option will also play the equivalent of a half recital for the faculty if his or her performance division and advisory committee.~~

~~Theory and history literature 11-12 hours, including Music 702: Style Analysis and at least one seminar course or MUSIC 767: Topics in American Music.~~

- ~~• History options include: 530, 531, 532, 570, 601, 650, 707, 766, 803, 807, 830, 832, 834, 836, 837.~~
- ~~• Theory options include: 615, 616, 620, 675, 711, 714, 802, 804, 857.~~
- ~~• Literature options include: 704, 705, 706, 707, 708, 737, 738, 740.~~

~~Master's report (recital), (2 credit hours)~~

~~All graduate students majoring in performance will perform a full recital of not less than one hour. The program for the recital must be approved by the student's advisory committee, and the advisory committee will judge the recital. All solo literature (including concertos) will be played from memory, unless the advisory committee grants an exception in recognition of unusual circumstances.~~

~~History—literature~~

Piano pedagogy emphasis

Major field

6 hours individual instruction and the following courses:

MUSIC 821 – Piano Pedagogy I **Credits:** (3)

MUSIC 822 – Piano Pedagogy II **Credits:** (3)

MUSIC 823 – Supervised Teaching in Piano **Credits:** (2)

MUSIC 824 – Half Recital in Piano **Credits:** (1)

MUSIC 825 – Lecture-recital in Piano **Credits:** (1)

Master's report (recital)

In place of a master's recital and report, all students will present a lecture-recital that will be musically-illustrated presentation on some aspect of piano pedagogy.

<p>Major field 12 hours minimum including at least 9 hours from the following:</p> <ul style="list-style-type: none"> • MUSIC 709 History of School Choral Music Credits: (3) • MUSIC 830 Seminar in Medieval and Renaissance Music Credits: (3) • MUSIC 832 Seminar in Baroque Music Credits: (3) • MUSIC 834 Seminar in Classical Music Credits: (3) • MUSIC 836 Seminar in Romantic Music Credits: (3) • MUSIC 837 Seminar in 20th-Century Music Credits: (3) 	
--	--

RATIONALE: This change reflects current expectations and current courses available for students.

IMPACT: None

EFFECTIVE DATE: Spring 2012

Master of Music

Master's report, (2 credit hours)

With the approval of the student's advisory committee and the graduate faculty of the area concerned, the requirements may be satisfied by one of the following:

1. A scholarly paper on some aspect of the student's major area of teaching;
2. ~~An original composition of acceptable proportions, with an accompanying report;~~
3. ~~A recital on the student's major instrument, the recital to be given under the conditions listed under the performance major;~~
4. ~~Six additional semester hours of graduate courses in music education and/or advanced courses related field, (e.g., art, drama, education, philosophy, psychology, statistics, etc.).~~

Final examination

The purpose of the final examination is to expose required ~~learnings~~ from your graduate program of study and ~~should include questions~~ from the three general areas: the candidate's major field, history-literature, and theory. The candidate will be expected to demonstrate a breadth of knowledge in the field of music covered in their course work. The final examination for the master of music degree consists of either a written examination of four questions to be answered within a four hour period of time or an oral defense of their master's recital/report/thesis. The responsibility for evaluating the examination lies with the candidate's supervisory committee. Although focused on the program of study, the candidate will be expected to demonstrate a breadth of knowledge in the field of music beyond that covered in course work, as well as the ability to relate his or her special area to other areas. The responsibility for evaluating the examination lies with the candidate's supervisory committee.

Master's report, (2 credit hours)

With the approval of the student's advisory committee and the graduate faculty of the area concerned, the requirements may be satisfied by one of the following:

1. A scholarly paper on some aspect of the student's major area of teaching;
2. Scholarly paper that includes detailed analysis of performance literature, rehearsal plans, and performance documentation in the student's major area of teaching
3. Additional semester hours of graduate courses in music education and/or advanced courses related field totaling to 36 or more credit hours.

Final examination

The purpose of the final examination is to expose required learning from your graduate program of study and includes content from the three general areas: the candidate's major field, history-literature, and theory. The candidate will be expected to demonstrate a breadth of knowledge in the field of music covered in their course work. The final examination for the master of music degree consists of either a written examination of four questions to be answered within a four hour period of time, a written examination of questions completed at home by the candidate, or an oral defense of their master's recital/report/thesis. The responsibility for evaluating the examination lies with the candidate's supervisory committee. Although focused on the program of study, the candidate will be expected to demonstrate a breadth of knowledge in the field of music beyond that covered in course work, as well as the ability to relate his or her special area to other areas. The responsibility for evaluating

<p>For choral conducting students:</p> <hr/> <ul style="list-style-type: none"> • MUSIC 708 - Choral Literature Credits: (3) 	<p>the examination lies with the candidate's supervisory committee.</p> <p>For choral conducting students:</p> <hr/> <ul style="list-style-type: none"> • MUSIC 708 - Choral Literature Credits: (3) • MUSIC 709 – History of School Choral Music Credits: (3)
---	--

RATIONALE: This change reflects current expectations and current courses available for students.

IMPACT: None

EFFECTIVE DATE: Spring 2012