

REVISED
COLLEGE OF ARTS AND SCIENCES
COURSE AND CURRICULUM CHANGES

Approved at the College Faculty Meeting

February 7, 2013
Eisenhower 015

4:00 p.m.

Undergraduate/Graduate
Expedited and Non-Expedited

Contact Person: Joseph Aistrup
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Units outside the College of Arts and Sciences affected:
College of Agriculture, College of Engineering, College of
Education, College of Human Ecology

Please provide the sponsors of a proposal change with any
information regarding fiscal or programmatic impact on your
department, program or students

EXPEDITED COURSE PROPOSALS

Courses Numbered 000-599

Dean of Arts and Sciences

FROM: DAS 455 – ~~History and Theories of Nonviolence: A Survey of Philosophies and Strategies.~~ (3) II, S. ~~Students will learn about nonviolence ideas and strategies and how historical and cultural contexts influence these.~~ Pr.: DAS 355. K-State 8: Ethical Reasoning and Responsibility.

TO: DAS 455 – Violence, Nonviolence and Social Change. (3) I, II, S. This course reviews historical and contemporary responses to violence around the world by studying ideas, strategies, organizational approaches, and societal impacts on nonviolence and social change. Emphasis is placed on historical antecedents to recent violence and nonviolence, and on the analysis of up-to-date resources as they relate to social change. Pr.: DAS 355. K-State 8: Ethical Reasoning and Responsibility, Global Issues and Perspectives.

RATIONALE: There will be a title change from “History and Theories of Nonviolence” to “Violence, Nonviolence and Social Change”. AND – for student’s required capstone course – students now will be able to choose between DAS 590 “Applied Nonviolence and DAS 455 “Violence, Nonviolence, and Social Change.” DAS 590 involves applied research and DAS 455 involves theoretical and historical research. Depending on students’ interests and goals, both upper level courses will prepare students to apply knowledge with the Certificate in Nonviolence Studies. (In the past, the required upper level course was NVS 590.) The Nonviolence Studies Governing Board voted to give students a choice between NVS 590 and NVS 455 for their required upper level course; some students choose to do more theoretical and historical work and others choose to do more applied work in their careers. The Nonviolence Studies Governing Board and Curriculum Committee approved these changes on Nov. 5, 2012 and the Head of SASW approved them on Nov. 8, 2012.

IMPACT: Undergraduates from all colleges can earn the Nonviolence Studies Certificate. Leadership Studies, Human Ecology, Education, and Horticulture have offered cross-listed classes in Nonviolence Studies. This certificate can be completed online through DCE.

EFFECTIVE DATE: Summer 2013

Journalism and Mass Communications

FROM:

TO:

Journalism Course	First K-State 8 Tag	Second K-State 8 Tag	First K-State 8 Tag	Second K-State 8 Tag
MC 110-Mass Communication in Society (3)	Historical Perspectives	Social Sciences	Historical Perspectives	
MC 112-Web Communication in Society (3)	Ethical Reasoning and Responsibility	Historical Perspectives	Historical Perspectives	
MC 120-Principles of Advertising (3)	Historical Perspectives	Social Sciences	Social Sciences	
MC 466-Law of Mass Communications (3)	Ethical Reasoning and Responsibility	Historical Perspectives	Historical Perspectives	
MC 531-Communication, Diversity, and Social Change (3)	Ethical Reasoning and Responsibility	Human Diversity within the U.S.	Human Diversity within the U.S.	
MC 539 – Fund Raising in Non-Profit Organizations (3)	Ethical Reasoning and Responsibility	Historical Perspectives		
MC 564 – History of Mass Communications (3)	Historical Perspectives	Social Sciences	Historical Perspectives	
MC 572 – Global Mass Communications (3)	Global Issues and Perspectives	Historical Perspectives	Global Issues and Perspectives	
MC 585 – Media Management (3)	Global Issues and Perspectives	Social Sciences	Social Sciences	
MC 600 – Economics of Mass Communication (3)	Social Sciences		Social Sciences	<u>Global Issues and Perspectives</u>

MC 612 – Gender Issues and the Media (3)	Ethical Reasoning and Responsibility	Human Diversity within the U.S.	Human Diversity within the U.S.	
MC 623 – Global Advertising (3)	Aesthetic Experience and Interpretive Understanding	Global Issues and Perspectives	Global Issues and Perspectives	
MC 670 – Advertising and Social Responsibility (3)	Ethical Reasoning and Responsibility	Human Diversity within the U.S.	Ethical Reasoning and Responsibility	

RATIONALE: The faculty has review the tags originally placed on courses in JMC and have revised them to reflect a better understanding of the K-State initiative.

EFFECTIVE DATE: Fall 2013

Expedited Curriculum Changes Undergraduate

College of Arts and Sciences

Degree Requirements

FROM:

TO:

<p>Degree Requirements At least 120 credit hours are required for graduation.</p> <p>Courses numbered below 100 may not be applied toward a degree. In addition to the university's limit on credits for extracurricular work, no more than 4 credit hours in lifetime sports and exercise activity classes may be applied toward a degree.</p> <p>Common degree requirements (Three courses, 8 credit hours minimum)</p> <p>Purpose: to give students practice in oral presentation and in writing and analyzing expository and argumentative prose.</p> <p>Course Course Title Credit hours ENGL 100 Expository Writing I 3 ENGL 200 Expository Writing II 3 COMM 105 or Public Speaking IA or 2 COMM 106 Public Speaking I 3</p> <p>Bachelor of Arts and Bachelor of Sciences</p> <p>College of Arts and Sciences basic requirements The aim of these requirements is to provide breadth in the major areas of knowledge outside of the student's field of specialization. Introductory and intermediate-level courses are available in departments in humanities, social</p>	<p>Degree Requirements At least 120 credit hours are required for graduation.</p> <p>Courses numbered below 100 may not be applied toward a degree. In addition to the university's limit on credits for extracurricular work, no more than 4 credit hours in lifetime sports and exercise activity classes may be applied toward a degree.</p> <p>Common degree requirements (Three courses, 8 credit hours minimum)</p> <p>Purpose: to give students practice in oral presentation and in writing and analyzing expository and argumentative prose.</p> <p>Course Course Title Credit hours ENGL 100 Expository Writing I 3 ENGL 200 Expository Writing II 3 COMM 105 or Public Speaking IA or 2 COMM 106 Public Speaking I 3</p> <p>Bachelor of Arts and Bachelor of Sciences</p> <p>College of Arts and Sciences basic requirements The aim of these requirements is to provide breadth in the major areas of knowledge outside of the student's field of specialization. Introductory and intermediate-level courses are available in</p>
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<p>sciences, and natural sciences. Basic requirements are to be fulfilled with courses chosen by students in consultation with their advisor. The requirement in the humanities enables students to appreciate and understand creative and conceptual human endeavor.</p> <p>The requirement in the social sciences improves the student's ability to analyze and understand human social systems. The requirement in the natural sciences develops the student's knowledge of the principles of scientific method as they are applied in the life and physical science.</p> <p>Up to two courses from one department may be used to fulfill the distribution requirements for humanities and the social sciences. They may be used at the same time to count towards the student's major. No course may be used to satisfy more than one specific requirement for humanities and social sciences. Only courses taken for 2 or more credit hours satisfy these requirements; courses in excess of 5 credit hours count as two courses.</p> <p>At least 120 credit hours are required for graduation.</p> <p>Humanities Four courses, one course for each section, 11 credit hours minimum</p> <p>Fine arts (one course, or at least two credits) Purpose: to ensure some interpretive or expressive competence in a traditional nonliterary mode of artistic expression.</p> <p>Choose from the following:</p> <p>Anthropology—ANTH 515, 516, or 517 Art—ART 301, 305, 400, 560, or 636</p>	<p>departments in humanities, social sciences, and natural sciences. Basic requirements are to be fulfilled with courses chosen by students in consultation with their advisor. The requirement in the humanities enables students to appreciate and understand creative and conceptual human endeavor.</p> <p>The requirement in the social sciences improves the student's ability to analyze and understand human social systems. The requirement in the natural sciences develops the student's knowledge of the principles of scientific method as they are applied in the life and physical science.</p> <p>Up to two courses from one department may be used to fulfill the distribution requirements for humanities and the social sciences. They may be used at the same time to count towards the student's major. No course may be used to satisfy more than one specific requirement for humanities and social sciences. Only courses taken for 2 or more credit hours satisfy these requirements; courses in excess of 5 credit hours count as two courses.</p> <p>At least 120 credit hours are required for graduation.</p> <p>Humanities Four courses, one course for each section, 11 credit hours minimum</p> <p>Fine arts (one course, or at least two credits) Purpose: to ensure some interpretive or expressive competence in a traditional nonliterary mode of artistic expression.</p> <p>Choose from the following:</p>
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<p>Art History—any course Art Technique—ART 200 to 799 Dance—DANCE 181, 205, 323, 324, 325, 326, 371, 381, 399, or 459 Dean of Arts & Sciences—DAS 100 Music—MUSIC 100, 112, 170, 210, 220, 230, 245, 250, 255, 280, 310, 385, 420, 424, 455, 480, 570, 601, or 650. Theatre—THTRE 260 to 799 Philosophy (one course) Purpose: to ensure some interpretive or expressive competence in the fundamental conceptual issues of human thought and activity.</p> <p>Choose any philosophy course except PHILO 110, 320, or 510.</p> <p>Western heritage (one course) Purpose: to ensure some interpretive or expressive competence regarding the institutions, traditions, and values that have shaped Western civilization.</p> <p>Choose from the following:</p> <p>American Ethnic Studies—AMETH 160, 449, 450, 451, 452, 453, 454, 501, or 560 Constitutional Law—POLSC 614, 615, or 799 Dean of Arts & Sciences—DAS 300 English—ENGL 230, 231, 233, or 234 (Western Humanities) Foreign Civilizations—FREN 514, GRMN 530, SPAN 565, SPAN 566, or SPAN 572 History—courses dealing with the Greco-Roman, Western European, or North American experience; HIST 515 History of Sport (cross-listed with KIN 515) Kinesiology—KIN 515 (cross-listed with HIST 515) Music—MUSIC 245 Political Thought—POLSC 301, 661, 663, 667, 671, or 675 Sociology—SOCIO 507 Women’s Studies—WOMST 105, 205,</p>	<p>Anthropology—ANTH 515, 516, or 517 Art—ART 301, 305, 400, 560, or 636 Art History—any course Art Technique—ART 200 to 799 Dance—DANCE 181, 205, 323, 324, 325, 326, 371, 381, 399, or 459 Dean of Arts & Sciences—DAS 100 Music—MUSIC 100, 112, 170, 210, 220, 230, 245, 250, 255, 280, 310, 385, 420, 424, 455, 480, 570, 601, or 650. Theatre—THTRE 260 to 799 Philosophy (one course) Purpose: to ensure some interpretive or expressive competence in the fundamental conceptual issues of human thought and activity.</p> <p>Choose any philosophy course except PHILO 110, 320, or 510.</p> <p>Western heritage (one course) Purpose: to ensure some interpretive or expressive competence regarding the institutions, traditions, and values that have shaped Western civilization.</p> <p>Choose from the following:</p> <p>American Ethnic Studies—AMETH 160, 449, 450, 451, 452, 453, 454, 501, or 560 Constitutional Law—POLSC 614, 615, or 799 Dean of Arts & Sciences—DAS 300 English—ENGL 230, 231, 233, or 234 (Western Humanities) Foreign Civilizations—FREN 514, GRMN 530, SPAN 565, SPAN 566, or SPAN 572 History—courses dealing with the Greco-Roman, Western European, or North American experience; HIST 515 History of Sport (cross-listed with KIN 515) Kinesiology—KIN 515 (cross-listed with HIST 515) Music—MUSIC 245 Political Thought—POLSC 301, 661, 663, 667, 671, or 675</p>
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<p>410, 480, 500, 551, or 610 Theatre—THTRE 572 or 573 Literary or rhetorical arts (one course) Purpose: to ensure some interpretive or expressive competence in a traditional literary or rhetorical mode of artistic expression.</p> <p>Choose from the following:</p> <p>English—literature or creative writing—ENGL 220 to 799 except 300, 400, 415, 430, 435, 476, 490, 492, 499, 516, 600–604, 757, or 759 Communication Studies—COMM 120, 325, or 480 History of rhetoric—COMM 320, 330, 331, 430, 432, 434, 460, 725, 730, 732, 733, or POLSC 670 Modern Languages—literature courses including literature in translation Theatre—THTRE 370, 662, or 764 Exception: Students in BS programs who take two courses in one foreign language may use these to satisfy the requirements for Western heritage and for literary and rhetorical arts.</p> <p>Social science Four courses, 12 credit hours minimum, from at least three disciplines.</p> <p>Purpose: to acquaint students with the adaptation of scientific method to the analysis of human social systems.</p> <p>One course must be at 500 level or above, or carry a prerequisite in the same department.</p> <p>Three of the four courses must be from these areas:</p> <p>Cultural Anthropology—including archaeology</p>	<p>Sociology—SOCIO 507 Women's Studies—WOMST 105, 205, 410, 480, 500, 551, or 610 Theatre—THTRE 572 or 573 Literary or rhetorical arts (one course) Purpose: to ensure some interpretive or expressive competence in a traditional literary or rhetorical mode of artistic expression.</p> <p>Choose from the following:</p> <p>English—literature or creative writing—ENGL 220 to 799 except 300, 400, 415, 430, 435, 476, 490, 492, 499, 516, 600–604, 757, or 759 Communication Studies—COMM 120, 325, or 480 History of rhetoric—COMM 320, 330, 331, 430, 432, 434, 460, 725, 730, 732, 733, or POLSC 670 Modern Languages—literature courses including literature in translation Theatre—THTRE 370, 662, or 764 Exception: Students in BS programs who take two courses in one foreign language may use these to satisfy the requirements for Western heritage and for literary and rhetorical arts.</p> <p>Social science Four courses, 12 credit hours minimum, from at least three disciplines.</p> <p>Purpose: to acquaint students with the adaptation of scientific method to the analysis of human social systems.</p> <p>One course must be at 500 level or above, or carry a prerequisite in the same department.</p> <p>Three of the four courses must be from these areas:</p>
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<p>Economics—any course Geography—any course except GEOG 221, 321, or 535 History—any course Journalism and Mass Communications—MC 110, 112, 120, 180, 331, 396, 531, 572, 573, 576, 585, 600, 612, 623, or 670 Political Science—any course Psychology—any course Sociology—any course The fourth course must be from the above areas or from:</p> <p>American ethnic studies—AMETH 160, 499, 501, 550, or 650 Anthropology—ANTH 520 Communication Studies—COMM 323, 326, 420, 425, 435, 526, 542, 550, 720, 726, 742, or 756 Gerontology—GERON 315, 600, or 615 Kinesiology—KIN 320, 330, 345, 346, or 435 Linguistics—any course except LG 601 Women’s Studies—WOMST 105, 205, 300, 450, 480, 500, 551, 590, or 610</p> <p>Natural sciences BS Degree: Four courses, 14 credit hours minimum. BA Degree: Three courses, 11 credit hours minimum.</p> <ol style="list-style-type: none"> 1. Life Sciences with a lab 2. Physical Sciences with a lab 3. Life or Physical Sciences, including additional Natural Science <p>Life science (one 3- or 4-hour course with laboratory) Purpose: to introduce students to the systematic study of organisms and their interrelationships.</p> <p>Choose from the following:</p> <p>Biochemistry—any course</p>	<p>Cultural Anthropology—including archaeology Economics—any course Geography—any course except GEOG 221, 321, or 535 History—any course Journalism and Mass Communications—MC 110, 112, 120, 180, 331, 396, 531, 572, 573, 576, 585, 600, 612, 623, or 670 Political Science—any course Psychology—any course Sociology—any course The fourth course must be from the above areas or from:</p> <p>American ethnic studies—AMETH 160, 499, 501, 550, or 650 Anthropology—ANTH 520 Communication Studies—COMM 323, 326, 420, 425, 435, 526, 542, 550, 720, 726, 742, or 756 Gerontology—GERON 315, 600, or 615 Kinesiology—KIN 320, 330, 345, 346, or 435 Linguistics—any course except LG 601 Women’s Studies—WOMST 105, 205, 300, 450, 480, 500, 551, 590, or 610</p> <p>Natural sciences BS Degree: Four courses, 14 credit hours minimum. BA Degree: Three courses, 11 credit hours minimum.</p> <ol style="list-style-type: none"> 1. Life Sciences with a lab 2. Physical Sciences with a lab 3. Life or Physical Sciences, including additional Natural Science <p>Life science (one 3- or 4-hour course with laboratory) Purpose: to introduce students to the systematic study of organisms and their interrelationships.</p> <p>Choose from the following:</p>
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<p>Biology—any course Paleobiology—GEOL 581 or 704 Physical anthropology—ANTH 280, 281, 680, 684, 688, 691, 694, or 695 Physical science (one course with laboratory) Purpose: to introduce students to the appropriate attitudes and methods that characterize the systematic study of matter and energy.</p> <p>Choose from the following:</p> <p>Biochemistry—BIOCH 265 to 799 Chemistry—any course Environmental geography—GEOG 221, 535, or 735 Geology—any course except GEOL 581 or 704 Physics—any course Additional Natural Sciences (for 3rd requirement only)</p> <p>Kinesiology—KIN 220 or 310 4. BS Degree Only: One course, 3 credit hour minimum) with a prerequisite in the same department chosen from:</p> <p>Life or Physical Sciences listed in #3 above Biochemistry course with a chemistry prerequisite Dean of Arts & Sciences—DAS 333 Kinesiology—KIN 330, 335, or 650 Psychology—PSYCH 470 or 480 (you may use only one of these) BIOL 310 does not fulfill this requirement NOTE: Only courses taken for 2 or more credit hours satisfy these requirements and courses in excess of 5 credit hours count as two courses.</p> <p>International studies overlay One course.</p>	<p>Biochemistry—any course Biology—any course Paleobiology—GEOL 581 or 704 Physical anthropology—ANTH 280, 281, 680, 684, 688, 691, 694, or 695 Physical science (one course with laboratory) Purpose: to introduce students to the appropriate attitudes and methods that characterize the systematic study of matter and energy.</p> <p>Choose from the following:</p> <p>Biochemistry—BIOCH 265 to 799 Chemistry—any course Environmental geography—GEOG 221, 535, or 735 Geology—any course except GEOL 581 or 704 Physics—any course Additional Natural Sciences (for 3rd requirement only)</p> <p>Kinesiology—KIN 220 or 310 4. BS Degree Only: One course, 3 credit hour minimum) with a prerequisite in the same department chosen from:</p> <p>Life or Physical Sciences listed in #3 above Biochemistry course with a chemistry prerequisite Dean of Arts & Sciences—DAS 333 Kinesiology—KIN 330, 335, or 650 Psychology—PSYCH 470 or 480 (you may use only one of these) BIOL 310 does not fulfill this requirement NOTE: Only courses taken for 2 or more credit hours satisfy these requirements and courses in excess of 5 credit hours count as two courses.</p>
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<p>Purpose: to equip students better to become citizens of a world where the most important problems are unavoidably defined in international terms and to understand cultures of the world outside the Western tradition.</p> <p>A student must take one course of which at least half is devoted to: economic, political, and social relations or interactions between or among different countries, in which the major focus is upon the interdependency of nations of the modern world; or contemporary features or historical traditions of non-Western cultures (excluding those dealing primarily with Greek, Roman, Western European, or North American experience).</p> <p>Students may satisfy the international studies requirement at the same time they satisfy requirements in the major, in the humanities, or the social sciences. These courses qualify:</p> <p>Anthropology—ANTH 200, 204, 220, 260, 505, 508, 511, 512, 515, 516, 517, 536, 545, 550, 604, 618, 630, 634, 673, or 676 Communication Studies—COMM 480, 756, or 780 Economics—ECON 505, 507, 536, 681, or 682 English—ENGL 580 Geography—GEOG 100, 200, 201, 505, 620, 622, 640, 650, or 715 History—HIST 112, 250, 303, 330, 332, 501, 504, 505, 509, 510, 514, 543, 544, 545, 560, 561, 562, 576, 577, 578, 591, 592, 593, or 598 Journalism and Mass Communications—MC 662 or 725 Management—MANGT 690 Marketing—MKTG 544 Modern Languages—Any Level 4 or above language course in French, German, and</p>	<p>International studies overlay One course.</p> <p>Purpose: to equip students better to become citizens of a world where the most important problems are unavoidably defined in international terms and to understand cultures of the world outside the Western tradition.</p> <p>A student must take one course of which at least half is devoted to: economic, political, and social relations or interactions between or among different countries, in which the major focus is upon the interdependency of nations of the modern world; or contemporary features or historical traditions of non-Western cultures (excluding those dealing primarily with Greek, Roman, Western European, or North American experience).</p> <p>Students may satisfy the international studies requirement at the same time they satisfy requirements in the major, in the humanities, or the social sciences. These courses qualify:</p> <p>Anthropology—ANTH 200, 204, 220, 260, 505, 508, 511, 512, 515, 516, 517, 536, 545, 550, 604, 618, 630, 634, 673, or 676 Communication Studies—COMM 480, 756, or 780 Economics—ECON 505, 507, 536, 681, or 682 English—ENGL 580 Geography—GEOG 100, 200, 201, 505, 620, 622, 640, 650, or 715 History—HIST 112, 250, 303, 330, 332, 501, 504, 505, 509, 510, 514, 543, 544, 545, 560, 561, 562, 576, 577, 578, 591, 592, 593, or 598 Journalism and Mass Communications—MC 662 or 725 Management—MANGT 690 Marketing—MKTG 544</p>
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<p>Spanish, including translation courses Political Science—POLSC 333, 505, 511, 541, 543, 545, 622, 623, 624, 626, 627, 629, 643, 645, 647, 651, 652, 653, or 655 Sociology—SOCIO 363, 505, 507, 522, 535, 618, or 742 Women’s Studies—WOMST 380 or 580 Students may use the fourth course in a single foreign language sequence (other than Latin) to satisfy the international studies overlay requirement.</p> <p>Additional requirements for the BA Foreign language Level 4 (i.e., French 4, German 4, Spanish 4, etc.) or the equivalent of level 4 in a foreign language sequence offered by the Department of Modern Languages. (Conversation “4A” courses do not meet the level 4 requirement.)</p> <p>Purpose: to bring students to a point at which they are able to proceed on their own to a command of a second language—a key for access both to a foreign culture and to much primary and secondary material in many special fields.</p> <p>Exception: Students who take a language that is normally offered for only two semesters (Latin 141 and 142, for example) may complete their requirement by taking two additional semesters in another language.</p> <p>Mathematics (One 3-credit-hour course, 100–799 level, or any other course for which there is a mathematics prerequisite) Purpose: to give students a college-level competence in mathematical reasoning and analysis.</p> <p>Any course used to satisfy this</p>	<p>Modern Languages—Any Level 4 or above language course in French, German, and Spanish, including translation courses Political Science—POLSC 333, 505, 511, 541, 543, 545, 622, 623, 624, 626, 627, 629, 643, 645, 647, 651, 652, 653, or 655 Sociology—SOCIO 363, 505, 507, 522, 535, 618, or 742 Women’s Studies—WOMST 380 or 580 Students may use the fourth course in a single foreign language sequence (other than Latin) to satisfy the international studies overlay requirement.</p> <p>Additional requirements for the BA Foreign language Level 4 (i.e., French 4, German 4, Spanish 4, etc.) or the equivalent of level 4 in a foreign language sequence offered by the Department of Modern Languages. (Conversation “4A” courses do not meet the level 4 requirement.)</p> <p>Purpose: to bring students to a point at which they are able to proceed on their own to a command of a second language—a key for access both to a foreign culture and to much primary and secondary material in many special fields.</p> <p>Exception: Students who take a language that is normally offered for only two semesters (Latin 141 and 142, for example) may complete their requirement by taking two additional semesters in another language.</p> <p>Mathematics (One 3-credit-hour course, 100–799 level, or any other course for which there is a mathematics prerequisite) Purpose: to give students a college-level competence in mathematical reasoning and analysis.</p>
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<p>requirement cannot be used to satisfy any other general education requirement.</p> <p>Additional requirements for the BS Natural sciences (One course, 3 credit hours minimum, with a prerequisite in the same department; for this requirement, biochemistry courses with a chemistry prerequisite qualify as upper-level courses.) Purpose: to give students who elect the bachelor of science degree an especially solid foundation in the natural sciences.</p> <p>Courses that qualify are those listed earlier under natural sciences, and:</p> <p>Kinesiology—KIN 330, 335, or 650 Psychology—PSYCH 470 or 480 Quantitative and abstract formal reasoning Purpose: to give students training in a clear, non-ambiguous, simplified language for the efficient transfer and logical analysis of information—a language in which a good deal of discussion is conducted in the sciences.</p> <p>A course that satisfies this requirement may at the same time be used to satisfy any major requirement for which it qualifies. Students may fulfill this requirement ONE of three ways:</p> <p>Three courses, 9 credit hours minimum, selected from: Computer science—CIS 111, 200 level or above Mathematics—MATH 100 level or above Philosophy—PHILO 110, 112, 320, or 510 Statistics—any course</p> <p>One course and its Level II prerequisite, selected from: Geography—GEOG 700 (with a statistics course) Physics—PHYS 113 (with MATH 150)</p>	<p>Any course used to satisfy this requirement cannot be used to satisfy any other general education requirement.</p> <p>Additional requirements for the BS Natural sciences (One course, 3 credit hours minimum, with a prerequisite in the same department; for this requirement, biochemistry courses with a chemistry prerequisite qualify as upper-level courses.) Purpose: to give students who elect the bachelor of science degree an especially solid foundation in the natural sciences.</p> <p>Courses that qualify are those listed earlier under natural sciences, and:</p> <p>Kinesiology—KIN 330, 335, or 650 Psychology—PSYCH 470 or 480 Quantitative and abstract formal reasoning Purpose: to give students training in a clear, non-ambiguous, simplified language for the efficient transfer and logical analysis of information—a language in which a good deal of discussion is conducted in the sciences.</p> <p>A course that satisfies this requirement may at the same time be used to satisfy any major requirement for which it qualifies. Students may fulfill this requirement ONE of three ways:</p> <p>Three courses, 9 credit hours minimum, selected from: Computer science—CIS 111, 200 level or above Mathematics—MATH 100 level or above Philosophy—PHILO 110, 112, 320, or 510 Statistics—any course</p> <p>One course and its Level II prerequisite, selected from: Geography—GEOG 700 (with a statistics</p>
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<p>PHYS 223 (with MATH 221) PHYS 224 (with MATH 221) PHYS 325 (with MATH 222) PHYS 452 (with MATH 150) Sociology—SOCIO 520 (with STAT 325) Social work—SOCWK 330 and 530 (with STAT 325)</p> <p>Equivalent competency: Competency may be demonstrated by taking two Level II courses or a Level III course from: Level II courses (two courses): Computer science—CIS 200 Mathematics—MATH 150, 205, 210, or 312 Philosophy—PHILO 510 Statistics—STAT 325, 340, 350, 702, or 703</p> <p>Level III courses (one course): Computer science—CIS 300 Mathematics—MATH 220 Philosophy—PHILO 701 Statistics—STAT 341, 351, 704, or 705</p>	<p>course) Physics—PHYS 113 (with MATH 150) PHYS 223 (with MATH 221) PHYS 224 (with MATH 221) PHYS 325 (with MATH 222) PHYS 452 (with MATH 150) Sociology—SOCIO 520 (with STAT 325) Social work—SOCWK 330 and 530 (with STAT 325)</p> <p>Equivalent competency: Competency may be demonstrated by taking two Level II courses or a Level III course from: Level II courses (two courses): Computer science—CIS 200 Mathematics—MATH 150, 205, 210, or 312 Philosophy—PHILO 510 Statistics—<u>STAT 325 or 340 or 350, 703</u></p> <p>Level III courses (one course): Computer science—CIS 300 Mathematics—MATH 220 Philosophy—PHILO 701 Statistics—STAT 341, 351, 704, or 705</p>
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RATIONALE: To correct the wording of the Level II courses under the degree requirements.

EFFECTIVE DATE: Fall 2013

NON-EXPEDITED COURSE PROPOSALS

Courses Numbered 000-599

Economics

FROM: ECON 510 – Intermediate Macroeconomics. (3) I, II, S. An examination of the behavior of the economy as a whole, including an analysis of the national income account, consumption, investment, money, interest, the price, level, the level of employment, monetary and fiscal policy, and economic growth. Pr.: ECON 110, ECON 120 or AGECE 120. K-State 8: Empirical and Quantitative Reasoning; Social Sciences.

TO: ECON 510 – Intermediate Macroeconomics. (3) I, II, S. An examination of the behavior of the economy as a whole, including an analysis of the national income account, consumption, investment, money, interest, the price, level, the level of employment, monetary and fiscal policy, and economic growth. Pr.: ECON 110, ECON 120 or AGECE 120 or AGECE 121. K-State 8: Empirical and Quantitative Reasoning; Social Sciences.

RATIONALE: Course Catalog needs to be updated to allow both AGECE 120 and AGECE 121 as prerequisites equal to ECON 120.

EFFECTIVE DATE: Fall 2013

FROM: ECON 520 – Intermediate Microeconomics. (3) I, II, S. An examination of the theories of consumer behavior and demand, and the theories of production, cost, and supply. The determination of product prices and output in various market structures, and an analysis of factor pricing. Introduction to welfare economics. Pr.: ECON 120. K-State 8: Empirical and Quantitative Reasoning; Social Sciences.

TO: ECON 520 - Intermediate Microeconomics. (3) I, II, S. An examination of the theories of consumer behavior and demand, and the theories of production, cost, and supply. The determination of product prices and output in various market structures, and an analysis of factor pricing. Introduction to welfare economics. Pr.: ECON 120 or AGECE 120 or AGECE 121. K-State 8: Empirical and Quantitative Reasoning; Social Sciences.

RATIONALE: Course Catalog needs to be updated to allow both AGECE 120 and AGECE 121 as a prerequisite equal to ECON 120.

EFFECTIVE DATE: Fall 2013

FROM: ECON 521 – Intermediate Microeconomics Theory. (3) I, II. A mathematical approach to intermediate microeconomics. Emphasis is placed on the use of optimization techniques to examine consumer demand, production and cost, behavior of the firm, market structure and welfare. Pr.: ECON 120; MATH 205 or 220. K-State 8: Empirical and Quantitative Reasoning; Social Sciences.

TO: ECON 521 – Intermediate Microeconomics Theory. (3) I, II. A mathematical approach to intermediate microeconomics. Emphasis is placed on the use of optimization techniques to examine consumer demand, production and cost, behavior of the firm, market structure and welfare. Note: Students cannot receive credit for both ECON 520 and ECON 521. Pr.: ECON 120 or AGEC 120 or AGEC 121; MATH 205 or 220. K-State 8: Empirical and Quantitative Reasoning; Social Sciences.

RATIONALE: Course Catalog needs to be updated to allow both AGEC 120 and AGEC 121 as a prerequisite equal to ECON 120 and update the note that Students are not able to receive credit for both ECON 520 and ECON 521.

EFFECTIVE DATE: Fall 2013

FROM: ECON 523 – Human Resource Economics. (3) II. An introduction to the economic forces influencing wage and employment determination, income differentials, unemployment, and the production and acquisition of human capital. Emphasis on public policy, labor unions, and other relevant institutions. Pr.: ECON 120. K-State 8: Social Sciences.

TO: ECON 523 - Human Resource Economics. (3) II. An introduction to the economic forces influencing wage and employment determination, income differentials, unemployment, and the production and acquisition of human capital. Emphasis on public policy, labor unions, and other relevant institutions. Pr.: ECON 120 or AGEC 120 or AGEC 121. K-State 8: Social Sciences.

RATIONALE: Course Catalog needs to be updated to allow both AGEC 120 and AGEC 121 as a prerequisite equal to ECON 120.

EFFECTIVE DATE: Fall 2013

FROM: ECON 524 – Sports Economics. (3) I. An economic analysis of professional and amateur sports. Pay determination of professional athletes, monopsony power of owners, discrimination, the importance of leagues, competitive balance, antitrust issues, collective bargaining, the financing of

sports stadiums, and current economic issues in sports. Pr.: ECON 120. K-State 8: Social Sciences.

TO: ECON 524 – Sports Economics. (3) I. An economic analysis of professional and amateur sports. Pay determination of professional athletes, monopsony power of owners, discrimination, the importance of leagues, competitive balance, antitrust issues, collective bargaining, the financing of sports stadiums, and current economic issues in sports. Pr.: ECON 120 or AGEC 120 or AGEC 121. K-State 8: Social Sciences.

RATIONALE: Course Catalog needs to be updated to allow both AGEC 120 and AGEC 121 as a prerequisite equal to ECON 120.

EFFECTIVE DATE: Fall 2013

FROM: ECON 527 – Environmental Economics. (3) II. Economics of environmental market failure and the efficient use of exhaustible and renewable resources. Topics include the application of markets and government policies to greenhouse warming, air and water pollution, and recycling. Pr.: ECON 120. K-State 8: Social Sciences.

TO: ECON 527 – Environmental Economics. (3) II. Economics of environmental market failure and the efficient use of exhaustible and renewable resources. Topics include the application of markets and government policies to greenhouse warming, air and water pollution, and recycling. Pr.: ECON 120 or AGEC 120 or AGEC 121. K-State 8: Social Sciences.

RATIONALE: Course Catalog needs to be updated to allow both AGEC 120 and AGEC 121 as a prerequisite equal to ECON 120.

EFFECTIVE DATE: Fall 2013

FROM: ECON 536 – Comparative Economics. (3) II. The transition by Russia, Ukraine, Eastern and Central Europe, and Central Asia to market economics; economic reform in China, India, and other countries; and Marxian critiques of capitalism. Pr.: ECON 110 or 120. K-State 8: Global Issues and Perspectives; Social Sciences.

TO: ECON 536 – Comparative Economics. (3) II. The transition by Russia, Ukraine, Eastern and Central Europe, and Central Asia to market economics; economic reform in China, India, and other countries; and Marxian critiques of capitalism. Pr.: ECON 110 or 120 or AGEC 120 or AGEC 121. K-State 8: Global Issues and Perspectives; Social Sciences.

RATIONALE: Course Catalog needs to be updated to allow both AGECE 120 and AGECE 121 as a prerequisite equal to ECON 120.

EFFECTIVE DATE: Fall 2013

FROM: ECON 540 – Managerial Economics. (3) I, II, some summers.
Microeconomics topics applicable to understanding and analyzing firm behavior; optimization, demand, estimation, production, and cost theory. Applications to business problems. Pr.: ECON 120; an introductory-level statistics course; and MATH 205. K-State 8: Social Sciences.

TO: ECON 540 – Managerial Economics. (3) I, II, some summers.
Microeconomics topics applicable to understanding and analyzing firm behavior; optimization, demand, estimation, production, and cost theory. Applications to business problems. Pr.: ECON 120 or AGECE 120 or AGECE 121; an introductory-level statistics course (STAT 325, STAT 340, or STAT 350); and MATH 205. K-State 8: Social Sciences.

RATIONALE: Course Catalog needs to be updated to allow both AGECE 120 and AGECE 121 as a prerequisite equal to ECON 120 and update STAT prerequisites.

EFFECTIVE DATE: Fall 2013

FROM: ECON 555 – Urban and Regional Economics. (3) I. An examination of the determinants of the economic performance of urban and regional economics, including theory, problems, and policy. Pr.: ECON 120. K-State 8: Social Sciences.

TO: ECON 555 – Urban and Regional Economics. (3) I. An examination of the determinants of the economic performance of urban and regional economics, including theory, problems, and policy. Pr.: ECON 120 or AGECE 120 or AGECE 121. K-State 8: Social Sciences.

RATIONALE: Course Catalog needs to be updated to allow both AGECE 120 and AGECE 121 as a prerequisite equal to ECON 120.

EFFECTIVE DATE: Fall 2013

Journalism and Mass Communications

DROP: MC 456 – Advertising Techniques. (3) I, II. The planning, creation and production of advertising messages for the various mass communications media.

Pr.: MC majors and minors and AG Comm majors only, MC 221 with a grade of C or better.

RATIONALE: MC 456 is being dropped, pending action on another proposal being advanced by Journalism and Mass Communications, which merges the content of MC 456 with MC 480 Public Relations Techniques, creating a converged class MC 480 Advertising and Public Relations Design and Production. Assessment of the learning objectives, instructional methods and assignments in the two classes (MC 456 and 480) revealed that we were essentially duplicating efforts and faculty time in the two courses, and that merging the two classes is the most efficient use of resources.

IMPACT: We anticipate no impact on other academic units. We have notified Agriculture Communications of the proposed change, and Dr. Jason Ellis, acting for Dr. Kris Boone, the unit chair, has notified us that they support the change (see attached e-mail).

EFFECTIVE DATE: Fall 2013

FROM: ~~MC 480 – Public Relations Techniques. (3) I, II. Focuses on the use of communications techniques in achieving organizational goals. Includes planning, application and ethics of messages in print, electronic and online media and for special events. Pr.: MC 280 with a grade of C or better. K-State 8: None.~~

TO: MC 480 – Advertising and Public Relations Design and Production. (3) I, II. Conceptual and strategic exploration of the process and effects that public relations and advertising messages visually convey to target audiences in a converged media environment. Course includes a weekly two-hour lecture and a weekly two-hour studio component. Pr.: MC majors and minors and AG Comm majors only, MC 221 or MC 280 with a grade of C or better. K-State 8: Aesthetic Interpretation.

RATIONALE: The Advertising and Public Relations sequences have offered classes that teach technical skills required of practitioners in strategic communications (MC 456 Advertising Techniques and MC 480 Public Relations Techniques). The content of MC 456 and MC 480 have been mostly identical, save for the titles and strict focus on either advertising or public relations, something that is no longer practical in today's converged media environment. A proposal is being advanced by Journalism and Mass Communications to drop MC 456. At the same time we are submitting this proposal to change the name of MC 480 to Advertising and Public Relations Design and Production and merge the content of the classes to provide a common learning experience for students

in both sequences. MC 480 would offer a weekly two-hour lecture and a weekly two-hour “studio” for application of skills and concepts presented in the lecture. This action allows better use and coordination of faculty time and production facilities, and more uniform enforcement of learning objectives in both sequences.

IMPACT: We anticipate no impact on other academic units. We have notified Agricultural Communications of the proposed change, and Dr. Jason Ellis, acting for Dr. Kris Boone, the unit chair, has notified us that they support the change (see attached e-mail).

EFFECTIVE DATE: Fall 2013

Modern Languages

FROM: ITAL ~~232~~— Italian IV. (4) II. Selective review of grammar and reading of examples of modern Italian literature. Pr.: ITAL 231. K-State 8: K-State 8: Aesthetic Experience and Interpretive Understanding; Global Issues and Perspectives.

TO: ITAL 332 - Italian IV. (4) II. Selective review of grammar and reading of examples of modern Italian literature. Pr.: ITAL 231. K-State 8: K-State 8: Aesthetic Experience and Interpretive Understanding; Global Issues and Perspectives.

RATIONALE: Change of course number to align the Italian course sequence with other languages in the Modern Languages Department.

EFFECTIVE DATE: Fall 2013

Music, Theatre and Dance

ADD: DANCE 265 – Pointe Techniques. (1) I, II. Covers classical ballet pointe technique. Focuses on the development of both technique and artistic expression.

RATIONALE: Kansas State University does not currently offer a pointe class and must begin to offer this course in order for the ballet program to grow.

IMPACT: None

EFFECTIVE DATE: Fall 2013

ADD: DANCE 460 – Dance History II Covers Dance from the 20th Century until present. (3) I, II. History of Dance from the 20th Century until the present.
Pr.: DANCE 459. K-State 8: Aesthetic Interpretation; Historical Perspectives.

K-State 8 RATIONALE: A History of Dance II is a course about Dance as art, primarily covering aesthetics and history of the art form of Dance. A History of Dance II is concerned with the historical development of Dance, including extensive investment in how Dance responds to Socio-Political climates and world events.

RATIONALE: Dance History II focuses on 1900 to present which is not covered in Dance History I.

IMPACT: None

EFFECTIVE DATE: Fall 2013

ADD: DANCE 507 – K-State African Dance and Music Ensemble. (0-1) I, II. A performing group that is open to all students and does not require an audition.

RATIONALE: Members have their participation recorded on transcript and have the option to receive credit or not.

IMPACT: None

EFFECTIVE DATE: Fall 2013

ADD: DANCE 503 – K-State Tap Dance Ensemble. (0-1) I, II. A performing ensemble that dances for the K-State and Manhattan communities. Audition required in April.

RATIONALE: Members have their participation recorded on transcript and have the option to receive credit or not.

IMPACT: None

EFFECTIVE DATE: Fall 2013

NON-EXPEDITED COURSE PROPOSALS

Courses Numbered 600-999

Economics

FROM: ECON 630 – Introduction to Econometrics. (3) II. An introduction to the analytical and quantitative methods used in economics. Applications to specific problems with an emphasis on computer analyses. Pr.: ECON 120; Math 205 or 220, STAT 351, 511 or 705. K-State 8: Empirical and Quantitative Reasoning; Social Sciences.

TO: ECON 630 – Introduction to Econometrics. (3) II. An introduction to the analytical and quantitative methods used in economics. Applications to specific problems with an emphasis on computer analyses. Pr.: ECON 120 or AGEC 120 or 121; Math 205 or 220, STAT 351, 511 or 705. K-State 8: Empirical and Quantitative Reasoning; Social Sciences.

RATIONALE: Course Catalog needs to be updated to allow both AGEC 120 and AGEC 121 as a prerequisite equal to Econ 120.

IMPACT: None

EFFECTIVE DATE: Fall 2013

FROM: ECON 631 – Principles of Transportation. (3) I. Examines the transportation market from the shipper's point of view by examining the impact of transportation on business firm decisions such as location, markets, and prices. Also covers the costs, prices, and service characteristics of railroads, motor carries, water carriers, oil pipelines and airlines. The role and impact of government in the transportation market is examined from both a promotion and regulation perspective. Pr.: ECON 120 or AGEC 120. K-State 8: Social Sciences.

TO: ECON 631 – Principles of Transportation. (3) I. Examines the transportation market from the shipper's point of view by examining the impact of transportation on business firm decisions such as location, markets, and prices. Also covers the costs, prices, and service characteristics of railroads, motor carries, water carriers, oil pipelines and airlines. The role and impact of government in the transportation market is examined from both a promotion and regulation perspective. Pr.: ECON 120 or AGEC 120 or AGEC 121. K-State 8: Social Sciences.

RATIONALE: RATIONALE: Course Catalog needs to be updated to allow both AGECE 120 and AGECE 121 as a prerequisite equal to Econ 120.

IMPACT: None

EFFECTIVE DATE: Fall 2013

FROM: ECON 640 – Industrial Organization and Public Policy. (3) Other, some Spring. An examination of measures and determinants of industrial concentration, and an analysis of market structure, conduct, and performance, and policies related to performance. Pr.: ECON 120. K-State 8: Empirical and Quantitative Reasoning; Social Sciences.

To: ECON 640 – Industrial Organization and Public Policy. (3) Other, some Spring. An examination of measures and determinants of industrial concentration, and an analysis of market structure, conduct, and performance, and policies related to performance. Pr.: ECON 120 or AGECE 120 or AGECE 121. K-State 8: Empirical and Quantitative Reasoning; Social Sciences.

RATIONALE: Course Catalog needs to be updated to allow both AGECE 120 and AGECE 121 as a prerequisite equal to Econ 120.

IMPACT: None

EFFECTIVE DATE: Fall 2013

FROM: ECON 681 – International Economics. (3) I, II, Some Summers. Principles of international trade and finance, including production, exchange, commercial policy, resource movements, balance of payments, foreign currency markets, and policies for internal and external balance. Pr.: ECON 110; ECON 120 or AGECE 120. K-State 8: Global Issues and Perspectives; Social Science.

TO: ECON 681 – International Economics. (3) I, II, Some Summers. Principles of international trade and finance, including production, exchange, commercial policy, resource movements, balance of payments, foreign currency markets, and policies for internal and external balance. Pr.: ECON 110; ECON 120 or AGECE 120 or AGECE 121. K-State 8: Global Issues and Perspectives; Social Science.

RATIONALE: Course Catalog needs to be updated to allow both AGECE 120 and AGECE 121 as a prerequisite equal to Econ 120.

IMPACT: None

EFFECTIVE DATE: Fall 2013

FROM: ECON 686 – Business Fluctuations and Forecasting. (3) Some Fall.
Types of business fluctuations; measurement of business cycles; theories of the causes of business cycles; proposals for stabilizing business activity; techniques of forecasting business activity. Pr.: ECON 110; ECON 120 or AGECE 120. K-State 8: Empirical and Quantitative Reasoning; Social Sciences.

TO: ECON 686 – Business Fluctuations and Forecasting. (3) Some Fall.
Types of business fluctuations; measurement of business cycles; theories of the causes of business cycles; proposals for stabilizing business activity; techniques of forecasting business activity. Pr.: ECON 110; ECON 120 or AGECE 120 or AGECE 121. K-State 8: Empirical and Quantitative Reasoning; Social Sciences.

RATIONALE: Course Catalog needs to be updated to allow both AGECE 120 and AGECE 121 as a prerequisite equal to ECON 120.

IMPACT: None

EFFECTIVE DATE: Fall 2013

FROM: ECON 688 – Health Economics. (3) I, Odd years. This course applies the tools of microeconomics to the health-care sector. It analyzes the behavior of consumers and providers of medical care, the functioning of insurance markets, and the role of government and the private sector. International comparisons are made. Pr.: ECON 120. K-State 8: Social Science.

TO: ECON 688 – Health Economics. (3) I, Odd years. This course applies the tools of microeconomics to the health-care sector. It analyzes the behavior of consumers and providers of medical care, the functioning of insurance markets, and the role of government and the private sector. International comparisons are made. Pr.: ECON 120 or AGECE 120 or AGECE 121. K-State 8: Social Science.

RATIONALE: Course Catalog needs to be updated to allow both AGECE 120 and AGECE 121 as a prerequisite equal to ECON 120.

IMPACT: None

EFFECTIVE DATE: Fall 2013

FROM: ECON 699 – Seminar in Economics. (1-3) On sufficient demand.
Seminars of special interest will be offered on demand. Pr.: ECON 120.

TO: ECON 699 – Seminar in Economics. (1-3) On sufficient demand.
Seminars of special interest will be offered on demand. Pr.: ECON 120 or
AGEC 120 or AGEC 121.

RATIONALE: Course Catalog needs to be updated to allow both AGEC 120 and
AGEC 121 as a prerequisite equal to ECON 120.

IMPACT: None

EFFECTIVE DATE: Fall 2013

Music, Theatre and Dance

FROM: ~~MUSIC 559~~ – Techniques of Music Technology. (2) ~~I, II~~. Students
develop skills of notation, scanning, manipulating, sequencing, and recording
necessary to integrate digital technologies into the practice of music making and
teaching.

TO: MUSIC 759 – Techniques of Music Technology. (2) S. Students develop
skills of notation, scanning, manipulating, sequencing, and recording necessary
to integrate digital technologies into the practice of music making and teaching.

RATIONALE: This course, currently MUSIC 559, will be taught for graduate
students during the summer and needs a number 600 or higher.

EFFECTIVE DATE: Fall 2013

Sociology, Anthropology, and Social Work

ADD: ANTH 650 – Anthropology of the Future: Apocalypse, Prophecy, and
Hope. (3) I. This seminar course will explore culturally constructed notion of
“the future” by exploring discourses of time, divination, utopia, prophecy, world-
ending and world-renewals from various societies around the world. Pr.: ANTH

200, 204 or 210. K-State 8: Global Issues and Perspectives; Human Diversity within the US.

RATIONALE: This course bolsters our cultural anthropology offerings in line with student interests and faculty specialization. As a course focused on various aspects of futurity and temporality, the course adds a whole new subject field to our program. Also, the course is substantially concerned with religious beliefs and practices, a topic which is currently under-represented at K-State. Since the College of Arts and Sciences does not have a department of religious studies, we can use as many additional offerings on religious cultures as possible. The course addresses both Western and Eastern traditions of divination, eschatology and oracles, in addition to other cultural insights on future-orientation. This course has been offered as a special topics course ANTH 522 and has consistently had good enrollment.

K-State 8 RATIONALE: The course looks at futurity from the perspective of multiple American and international subcultures (religious, political, etcetera).

IMPACT: None

EFFECTIVE DATE: Fall 2013

Statistics

DROP: STAT 702 – Statistical Methods for the Social Sciences. (3) I, II. Statistical methods applied to experimental and survey data from social sciences; tests of hypotheses concerning treatment means; linear regression; product-moment, rank, and bi-serial correlations; contingency tables and chi-square tests.

RATIONALE: STAT 702 is being dropped due to the considerable, if not nearly complete, overlap of content in the current STAT 702 and STAT 703 (Statistical Methods for Natural Sciences). Along with this drop, a change is being submitted for STAT 703 which will indicate a nominal change in title and course description, essentially reflecting a merger of STAT 702 and 703 which will well serve both constituencies. Additionally, the merger will allow better use of limited department resources while maintaining or even improving teaching effectiveness and accommodating a growing need for statistics education at K-State.

IMPACT: The following undergraduate and graduate programs will be impacted since either/or STAT 702 and STAT 703 are required in their curriculum: Psychology, Economics, Apparel and Textiles, Human Ecology, Environmental Design and Planning, Journalism and Mass Communications, Kinesiology, Mathematics, Open

Option, Social Work, Mathematics, Food Service and Hospitality, Human Nutrition, Business Administration, Horticulture, Civil Engineering, Agronomy, Horticulture, Plant Pathology, Geology, Chemical Engineering, Nuclear Engineering, Architectural Engineering, Biological and Agricultural Engineering, Fisheries and Wildlife, Nondegree, Food Science, Entomology, Agricultural Economics, Grain Science, Geography, Chemistry, Biochemistry, Computer Science, Public Health, Pathobiology, Biomedical Science, and Animal Science and Industry. Email correspondence was sent to all these programs on November 5 with a follow-up email to non-responding department heads on [December 7, 2012](#). Of those 19 program responding no one indicated a negative impact of the change.

EFFECTIVE DATE: Fall 2013

FROM: STAT 703 – ~~Statistical Methods for Natural Sciences. (3) I, II, S. Statistical concepts and methods basic to experimental research in the natural sciences; hypothetical populations; estimation of parameters; confidence intervals; parametric and nonparametric tests of hypotheses; linear regression; correlation; one-way analysis of variance; t-test; chi-square test.~~ Pr.: Junior standing and equivalent of college algebra.

TO: STAT 703 – Introduction to Statistical Methods for the Sciences. (3) I, II, S. Statistical concepts and methods applied to experimental and survey research in the sciences; tests of hypotheses, parametric and rank tests; point estimation and confidence intervals; linear regression; correlation; one-way analysis of variance; contingency tables, chi-square tests. Pr.: Junior standing and equivalent of college algebra.

RATIONALE: Given the considerable, if not nearly complete, overlap of content in the current STAT 702 (Statistical Methods for Social Sciences) and STAT 703, it is proposed to merge the two courses into a single course providing a graduate level introduction to statistical methodology for the sciences. The merged course would retain the subject/number STAT 703 with minor re-titling and minimal changes to the course description. Along with this change, a drop is being submitted for STAT 702, reflecting the merger. The design of the merged course will satisfy the needs of all enrollees, including enrollment availability, and provide a more uniform pre-requisite background for those students who take follow-up 700-level Statistics courses. With the growing importance of statistics to research across many fields, it is expected that the demand for statistics education will continue to expand. With the department's current resources combined with the directions of K-State 2025, we are thus considering ways to improve the efficiency with which our courses are delivered to the campus

community while maintaining or even improving teaching effectiveness. The merger of STAT 702 and 703 is an example of such considerations.

IMPACT: The following undergraduate and graduate programs will be impacted since either/or STAT 702 and STAT 703 are required in their curriculum: Psychology, Economics, Apparel and Textiles, Human Ecology, Environmental Design and Planning, Journalism and Mass Communications, Kinesiology, Mathematics, Open Option, Social Work, Mathematics, Food Service and Hospitality, Human Nutrition, Business Administration, Horticulture, Civil Engineering, Agronomy, Horticulture, Plant Pathology, Geology, Chemical Engineering, Nuclear Engineering, Architectural Engineering, Biological and Agricultural Engineering, Fisheries and Wildlife, Nondegree, Food Science, Entomology, Agricultural Economics, Grain Science, Geography, Chemistry, Biochemistry, Computer Science, Public Health, Pathobiology, Biomedical Science, and Animal Science and Industry. Email correspondence was sent to all these programs on November 5 with a follow-up email to non-responding department heads on [December 7, 2012](#). Of those 19 program responding no one indicated a negative impact of the change.

EFFECTIVE DATE: Fall 2013

FROM: STAT 713 – Applied Linear Statistical Models. ~~(4)~~ I. Matrix-based regression and analysis of variance procedures at a mathematical level appropriate for a first-year graduate statistic major. Topics include simple linear regression, linear models in matrix form, multiple linear regression, model building and diagnostics, analysis of covariance, multiple comparison methods, contrasts, multifactor studies, ~~blocking, sub-sampling, and split-plot designs.~~ Pr.: Prior knowledge of matrix or linear algebra and one prior course in statistics. A student may not receive credit for both STAT 704/705 sequence and STAT 713.

TO: STAT 713 – Applied Linear Statistical Models. (3) I. . Matrix-based regression and analysis of variance procedures at a mathematical level appropriate for a first-year graduate statistic major. Topics include simple linear regression, linear models in matrix form, multiple linear regression, model building and diagnostics, analysis of covariance, multiple comparison methods, contrasts, multifactor studies. Pr.: Prior knowledge of matrix or linear algebra and one prior course in statistics. A student may not receive credit for both STAT 704/705 sequence and STAT 713.

RATIONALE: TOPICS including blocking, sub-sampling and split-plot designs are taught in STAT 720. Accordingly, it is proposed to delete this material

from STAT 713 and reduce the credit hours from 4 to 3. In addition to removing duplication, the change will allow students additional time to process the remaining important topics in listed in the course description for STAT 713.

IMPACT: None

EFFECTIVE DATE: Fall 2013

FROM: STAT 726 – Introduction to Splus/R Computing. (1) ~~H~~. Topics may include basic environment and syntax, reading and importing data from files, data manipulation, basic graphics, and built-in and user-defined functions. Pr.: One graduate-level course in statistics.

TO: STAT 726 – Introduction to Splus/R Computing. (1) I. Topics may include basic environment and syntax, reading and importing data from files, data manipulation, basic graphics, and built-in and user-defined functions. Pr.: One graduate-level course in statistics.

RATIONALE: STAT 726, along with STAT 725, cover two major software packages (R and SAS, respectively) used in statistical instruction and research. In order to acquaint students early in their program of study, it is proposed that both STAT 725 and 726 be taught consecutively (one 5-week period after the other, as each are 1 credit hour classes) every fall. Additionally, one faculty member will teach both classes during the fall semester and such will constitute one course in the faculty member's teaching load.

IMPACT: None

EFFECTOVE DATE: Fall 2013

Curriculum Changes

Undergraduate

Biochemistry

B.S. in Biochemistry

Add: Biochemistry and Molecular Biophysics track

New:

Biochemistry (B.S) Biochemistry and Molecular Biophysics track

Biochemistry seeks to understand the molecular events of life processes. It applies chemical and physical techniques to elucidate the structure and organization of molecules, particularly macromolecules that are responsible for the structural organization as well as operation and control of all cellular processes. The emerging knowledge has broad importance and consequences for all areas of the life sciences.

Bachelor's degree requirements

General requirements for undergraduate major:

A total of 124 credit hours are required for graduation. The BS program is obtained by following the curriculum of the College of Arts and Sciences.

To graduate, a student must have a grade of C or better in all science and mathematics courses required for the degree, including transfer courses, as specified below. In addition, to graduate a student must have a 2.2 GPA in required science and mathematics courses taken at K-State.

BIOCH110 Biochem & Society Credits (3)
BIOCH521 Gen Biochem Credits (3)
BIOCH775 Molecular Biophysics Credits (3)
BIOCH 755 - Biochemistry I Credits: (3)
BIOCH 756 - Biochemistry I Lab Credits: (2)
BIOCH 765 - Biochemistry II Credits: (3)
BIOCH 799 Problems in Biochemistry Credits (1-3)
BIOL 198 - Principles of Biology Credits: (4)
BIOL450 Modern Genetics Credits (4)
BIOL455 General Microbiology Credits (4)
BIOL541 Cell Biology Credits (3)
CHM 210 - Chemistry I Credits: (4)
CHM 230 - Chemistry II Credits: (4)
CHM 371 - Chemical Analysis Credits: (4)
CHM350 Gen Org Chem Credits: (3)
CHM351 Gen Org Lab Credits: (2)
CHM 500 - General Physical Chemistry Credits: (3)

MATH 220 - Analytic Geometry and Calculus Credits: (4)
MATH 221 - Analytic Geometry and Calculus II Credits: (4)
MATH222 Analytic Geometry and Calculus III
Credits: (4)

PHYS213 Engineering Physics I Credits: (5)
or
PHYS223 Physics I Credits: (5)

PHYS214 Engineering Physics II Credits: (5)
or
224 Physics II Credits: (5)

PHYS325 Physics III, Relativity, Quantum Physics
Credits: (4)

PHYS664 Thermodynamics and Statistical Physics
Credits: (4)
or
PHYS775 Biological Physics
Credits: (4)

STAT703 Stat Methods for Nat Scientists (3)

*Upper-division biochemistry, chemistry, biological sciences,
statistics, computer science, and mathematics electives Credits: (6)

Up to two credit hours of Advanced Biochemistry Laboratories (BIOCH
757, BIOCH 758, BIOCH 766, BIOCH 767) can be applied towards the
requirement for BIOCH 799 Problems in Biochemistry.

Total hours required for graduation (124 credit hours)

Note: The courses in the list above satisfy the natural sciences and
quantitative reasoning requirements shown in the general requirements
for the BS degree.

A&S requirements Credits (32)

RATIONALE: Biochemistry seeks approval for the introduction of a new B.S.
degree track, entitled "Biochemistry and Molecular Biophysics." We developed
this program in collaboration with the Department of Physics; the curriculum will
include several advanced classes in physics and biochemistry that will train
undergraduate in the molecular analysis of biomolecules. We envision this
program to provide rigorous preparation for future careers in biochemical and
biophysical sciences. The new program will include a single new class

(Molecular Biophysics BIOCH775 – 3 credits) that replaced, without significant changes, BIOCH590 (Physical Studies of Biomacromolecules – 3 credits). This proposed new name of BIOCH590 does not affect its content; we desire the new name for consistency with the anticipated change in our departmental title to Biochemistry and Molecular Biophysics. Besides the same biochemistry classes as the existing BS in Biochemistry, the BMB degree program contains additional classes in advanced physics (PHYS325) and biological physics (PHYS664, 775). This plan will also require MATH222 (Calculus III) and STAT703 (Statistical Methods for Natural Scientists). The joint endeavor between Biochemistry and Physics will allow students in both departments to select among a wide range of faculty expertise and methodologies, for undergraduate research projects.

IMPACT: The proposed new curriculum will affect the Dept. of Physics, in that (i) the program involves numerous classes in physics, and (ii) their faculty will participate in one of the new class “Molecular Biophysics,” according to their research interests. The substitution of CHEM350/351 (General Organic Chemistry/Lab) in place of CHEM 531/532/550 will result in a change in their relative enrollments by students in Biochemistry. The program requires STAT703 (Statistical Methods for Natural Scientists), which will result in additional enrollment. The Biochemistry department currently has 85 undergraduate majors. Aside from these changes we do not anticipate that the new program will affect other units. We will require BIOL 450, 455 and 541, but we already advise students to take these classes, so this requirement will have little new impact.

EFFECTIVE DATE: Fall 2013

Sociology, Anthropology, and Social Work

Certificate Program in Nonviolence Studies

FROM:

DAS 355 Introduction to Nonviolence Studies
Credits: (3)
DAS 590 Applied Nonviolence Credits: (3)

TO:

2 Required courses:
DAS 355 Introduction to Nonviolence Studies
Credits: (3)
And One Capstone class:
DAS 590 Applied Nonviolence Credits: (3)
OR
DAS 455 Violence, Nonviolence, and Social
Change Credits: (3)

Electives that have been approved by AS Dean in
past:

LEAD 502 International Community service
Seminar
EDCEP 311 Proactive Educators for the
Elimination of Rape and Sexual Violence

	<u>FSHS 531 Core Conflict Resolution</u> <u>FSHS 533 Prevention and Intervention of Violence</u> <u>FSHS 700 Peace and Conflict</u> <u>SOCWK 568 Social Work Practice III</u> <u>SOCIO 363 Global Problems</u> <u>SOCIO 500 Human Trafficking</u> <u>SOCIO 507 International Development and Social Change</u> <u>SOCIO 633 Gender, Power and Development</u> <u>ANTH 200 Introduction to Cultural Anthropology</u> <u>WOMST 105 Introduction to Women's Studies</u> <u>WOMST 480 Women and Environmentalism</u> <u>WOMST 700 Independent Study in Nonviolence Studies</u> <u>HORT 640 The End of Industrial Society and Agriculture as We Know It</u> <u>New Electives that were approved by Nonviolence Studies Governing Board and Curriculum Committee of Nov. 5, 2012</u> <u>SOCIO 520 – Methods of Social Research</u> <u>SOCIO 545 – Sociology of Women</u> <u>COMM 322 - Interpersonal Communication</u> <u>COMM 480 – Intercultural Communication</u> <u>THRE 664 – Creative Drama</u> <u>THRE 655 – Drama Therapy with Special Populations</u>
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RATIONALE: With the exception of six new cross-listings that were approved by the Nonviolence Studies Governing Board on Nov. 5, 2012 and subsequently by the head of SASW on Nov. 9, Nonviolence Studies has had all of its cross-listed courses approved by the Dean of A&S. There have been two required courses for this 15-credit certificate, DAS 355 and DAS 590. The Board decided that students should be able to choose between DAS 590 and DAS 455 for the required upper-level capstone course. (This change has been proposed on Appendix C.) DAS 355 and DAS 590 have appeared in the catalog, but DAS 455 and the other cross-listed classes have not. The Nonviolence Studies Governing Board would like all required courses and electives to be added to the two classes (DAS 355 and DAS 590) that are listed in the catalog under Arts and Sciences.

IMPACT: The 15-credit Nonviolence Studies Certificate appears in the catalog under AS. The required interdisciplinary courses are DAS courses and the departmental home for Nonviolence Studies is SASW. Undergraduates from all colleges can earn the Nonviolence Studies Certificate. Leadership Studies, Human Ecology, Education, and Horticulture have offered cross-listed classes in Nonviolence Studies. This certificate can be completed online through DCE.

EFFECTIVE DATE: Summer 2013

Sociology B.A./B.S.
General Sociology major and Sociology: Criminology option

FROM:

TO:

<u>Required outside courses (6 credit hours)</u>	<u>Tools and related courses</u>
<p>Three credit hours from among the following list:</p> <ul style="list-style-type: none">• CIS 101 – Introduction to Computing Systems, Information Search, and Security Credits: (1)• CIS 102 – Introduction to Spreadsheet Applications Credits: (1)• CIS 103 – Introduction to Database Applications Credits: (1)• CIS 104 – Introduction to Word Processing Applications Credits: (1) (or demonstration of equivalent competencies)• STAT 325 – Introduction to Statistics Credits: (3)	<p>STAT 325 – Introduction to Statistics Credits: (3)</p> <p><u>Recommended courses:</u></p> <ul style="list-style-type: none">• <u>CIS 101 – Introduction to Computing Systems, Information Search, and Security Credits: (3)</u>• <u>CIS 102 – Introduction to Spreadsheet Applications Credits: (1)</u>• <u>CIS 103 – Introduction to Database Applications Credits: (1)</u>• <u>CIS 104 – Introduction to Word Processing Applications Credits: (1)</u>

RATIONALE: The Sociology program currently requires undergraduate Sociology and Criminology to take three hours of introductory CIS courses (three if the following one hour courses: CIS 101 Introduction to Computing Systems, Information Search, and Security, CIS 102 Introduction to Spreadsheet Applications, CIS 103 Introduction to Database Applications, CIS 104 Introduction to Word Processing Applications). It has been found that the vast majority of Sociology majors already possess the skills being taught prior to taking these courses. Therefore, we are requesting that the CIS courses no longer be required for all Sociology and Criminology majors. Instead, they should be recommended to those majors who lack specific computer skills. Such students will be identified through the academic advising process.

IMPACT: The proposed change will impact enrollments in CIS 101-104. Gurdip Singh, Dept. Head of Computer Science, was contacted and asked to comment on the proposed changes (See attached email correspondence). Professor Singh stated that the changes are acceptable.

EFFECTIVE DATE: Fall 2013

Curriculum Changes Graduate

English

Graduate Certificate in Technical Writing and Professional Communication

FROM:

TO:

Writing	Writing
----- Students choose one from the following: ENGL 510 - Introduction to Professional Writing Credits: (3) ENGL 759 - Studies in Technical Communication Credits: (3) AGCOM 810 - Scientific Communication Credits: (3) Related Electives -----	----- Students choose one from the following: ENGL 510 - Introduction to Professional Writing Credits: (3) ENGL 759 - Studies in Technical Communication Credits: (3) AGCOM 810 - Scientific Communication Credits: (3) Related Electives -----
Students choose three from the following: (Students can petition to use additional courses as electives by discussing with the Certificate Director, preferably before they take the course, and by demonstrating that course meets Certificate SLOs) AGCOM 590 - New Media Technology Credits: (3) AGCOM 610 - Crisis Communication Credits: (3) AGCOM 712 - Environmental Communication Credits: (3) ART 575 - Web Design Credits: (3) ART 820 - Graduate Graphic Design/Visual Communications Credits: (Var.) ART 601 - Graphic Design History/Theory/Criticism Credits: (3) COMM 526 - Persuasion Credits: (3) COMM 726 - Seminar in Persuasion Credits: (3) COMM 730 - Classical Rhetorical Theory Credits: (3) COMM 733 - Rhetorical Criticism Credits: (3) COMM 734 - The Rhetoric of Social Movements Credits: (3) EDACE 786 - Topics in Adult Education Credits: (1-3)	Students choose three from the following: (Students can petition to use additional courses as electives by discussing with the Certificate Director, preferably before they take the course, and by demonstrating that course meets Certificate SLOs) AGCOM 590 - New Media Technology Credits: (3) AGCOM 610 - Crisis Communication Credits: (3) AGCOM 712 - Environmental Communication Credits: (3) COMM 526 - Persuasion Credits: (3) COMM 726 - Seminar in Persuasion Credits: (3) COMM 730 - Classical Rhetorical Theory Credits: (3) COMM 733 - Rhetorical Criticism Credits: (3) COMM 734 - The Rhetoric of Social Movements Credits: (3) EDACE 786 - Topics in Adult Education Credits: (1-3) (Grant Writing) ENGL 665 - Advanced Creative Writing: Nonfiction Credits: (3) ENGL 685 - Topics in Rhetoric and Composition Credits: (3) ENGL 753 - Theories of Composition and Rhetoric Credits: (3) ENGL 755 - Studies in Composition and Rhetoric Credits: (3)

<p>(Grant Writing)</p> <p>ENGL 665 - Advanced Creative Writing: Nonfiction Credits: (3)</p> <p>ENGL 685 - Topics in Rhetoric and Composition Credits: (3)</p> <p>ENGL 753 - Theories of Composition and Rhetoric Credits: (3)</p> <p>ENGL 755 - Studies in Composition and Rhetoric Credits: (3)</p> <p>ENGL 756 - Business Communication Credits: (3)</p> <p>ENGL 758 - Scientific Writing Credits: (3)</p> <p>ENGL 765 - Creative Writing Workshop: Creative Nonfiction Credits: (3)</p> <p>ENGL 797 - Professional Writing Internship Credits: (Var.)</p> <p>MANGT 520 - Organizational Behavior Credits: (3)</p> <p>MC 712 - Environmental Communications Credits: (3)</p> <p>MC 750 - Strategic Health Communication Credits: (3)</p> <p>MC 760 - Communication and Risk Credits: (3)</p> <p>MC 765 - Communication Theory Credits: (3)</p>	<p>ENGL 756 - Business Communication Credits: (3)</p> <p>ENGL 758 - Scientific Writing Credits: (3)</p> <p>ENGL 765 - Creative Writing Workshop: Creative Nonfiction Credits: (3)</p> <p>ENGL 797 - Professional Writing Internship Credits: (Var.)</p> <p>MANGT 520 - Organizational Behavior Credits: (3)</p> <p>MC 712 - Environmental Communications Credits: (3)</p> <p>MC 750 - Strategic Health Communication Credits: (3)</p> <p>MC 760 - Communication and Risk Credits: (3)</p> <p>MC 765 - Communication Theory Credits: (3)</p>
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RATIONALE: The Graduate Certificate in Technical Writing and Professional Communication serves students from a variety of disciplines, including English, Communications, Journalism and Mass Communication, Agricultural Communication, Education, and Management. The Department of Art no longer considers ART 575, ART 601, and ART 820 appropriate for students from other disciplines. We would like to withdraw them, therefore, from the Graduate Certificate.

IMPACT: Communication Studies, Art, Journalism and Mass Communication, (College of Arts and Sciences), Communications (College of Agriculture).

EFFECTIVE DATE: Summer 2013