

COLLEGE OF ARTS AND SCIENCES  
COURSE AND CURRICULUM CHANGES

to be considered at the College faculty meeting

April 14, 2005

Kedzie Rm. 4

4:00 p.m.

Undergraduate/Graduate

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

**COURSE CHANGES***Dean of Arts and Sciences*

**ADD:** **DAS 167. Basic Grammar in Writing.** (3) I, II. Review of basic English grammar; practice of basic grammar in writing; review of grammar usage in academic writing; practice in proof-reading and editing of work. Pr.: Permission by the English Language Program.

**RATIONALE:** International graduate and undergraduate students are screened for English proficiency at the beginning of each semester with the English Proficiency Test (EPT). Those having weaknesses in writing are assigned to DAS 177: Written Communication. However, in the past, some students come in with a deficiency in their knowledge of basic grammar as well as writing, hindering their progress in improving their writing skills in DAS 177. DAS 167, Basic Grammar in Writing, would give these students the needed background in grammar and its usage to improve their writing. Students with low EPT essay scores (<30) AND low EPT grammar scores (<50) would be placed in DAS 167 instead of DAS 177. While DAS 177 focuses on many aspects of writing (advanced grammar, stylistics, organization, and vocabulary usage), DAS 167 will focus on basic grammar review and grammar usage in writing. At the end of the semester, the students would retake the essay and grammar portions of the EPT. If students cleared the EPT, then the requirement for further English would be removed. If students make progress in grammar and writing but did not clear the test, they would be required to take DAS 177.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **DAS 186. Orientation to the American Higher Education System.** (~~3~~) I, II, S. An introduction to the American education system in general, and K-State specifically and the study skills needed to be a successful student. Topics include note-taking, critical reading, and test taking skills. In addition, students will be introduced to American attitudes toward time, social relationships, language, communication styles, and thought processes with the aim of facilitating adaptation to the new environment. Pr.: Permission by the English Language Program.

**TO:** **DAS 186. Orientation to the American Higher Education System.** (1-3) I, II, S. An introduction to the American education system in general, and K-State specifically and the study skills needed to be a successful student. Topics include note-taking, critical reading, and test taking skills. In addition, students will be introduced to American attitudes toward time, social relationships, language, communication styles, and thought processes with the aim of facilitating adaptation to the new environment. Pr.: Permission by the English Language Program.

**RATIONALE:** This course was developed to give international students coming for the American Culture and Language Certificate the background in American culture to enhance their experiences in the classes taken over the year. In addition, it provides an introduction to specific resources at K-State to enable them to be successful in their classes. Although the course was developed specifically for international students coming for the Certificate program, it is not limited to them. Other new international students, especially undergraduates, would benefit greatly from an introduction to their new culture and educational system.

Beginning in summer 2004, a Japanese Education placement agency began sending Japanese undergraduates to KSU to begin their academic studies. All of the students begin their academic careers in the English Language Program. In addition, in the June, 2004, a new undergraduate admission policy was implemented. All academically qualified undergraduates can now be admitted without proof of English proficiency. Upon arrival they take the English Proficiency Test (EPT) and enroll in ELP classes if needed. This new policy has already had a significant effect on the numbers of international undergraduates. In fall 2004, 19 new undergraduates were admitted under this new policy. Of the 19, 9 needed English (either part-time or full-time). The others were cleared to begin academic work. In addition adapting to academic work in a new language, these students are adapting to a new educational system. Discussions with advisors in the Colleges of Business, Architecture, and Human Ecology indicated an increased load on the advisors when advising these students since the students had no background in the American educational system.

The ELP offers general orientation sessions to help students adapt to the ELP and KSU; however, these sessions offer only general information needed to adapt to daily activities. They do not go into detail as to the structure of the overall educational system. DAS 186 – Introduction to the American Educational

system would give these undergraduates the information about American educational systems in general and of KSU in detail allowing them to make the transition to KSU their first semester smoother. In order to make the course accessible to all new entering undergraduates, the course will need to be offered in a variety of formats: summer course, intercession course, regular course in fall (and possible spring). To do this effectively, the course needs to be offered for variable credit, thus the proposed change from a 3-credit course to a variable credit (1-3) course.

**EFFECTIVE DATE:** June 2005

***Division of Biology***

**CHANGE:** **BIOL 340. Structure and Function of the Human Body.** (8) I, II. Anatomy and physiology of the organ systems of the human body. Laboratory includes physiology experiments, study of anatomy from human cadavers, dissection experience, x-rays, and slide work. Five hours lec. and two three-hour lab sessions a week. Pr.: BIOL 198.

**TO:** **BIOL 340. Structure and Function of the Human Body.** (8) I, II. Anatomy and physiology of the organ systems of the human body. Laboratory includes physiology experiments, study of anatomy from human cadavers, dissection experience, x-rays, and slide work. Five hours lec. and two three-hour lab sessions a week. Pr.: BIOL 198 taken at KSU (with a C grade or better) or transferred introductory biology credit plus at least one of the following introductory natural science courses, taken at K-State with a C grade or better: CHM 110 (with CHM 111), CHM 210, PHYS 113, KIN 220, or any K-State Biology course that has BIOL 198 as a prerequisite.

**RATIONALE:** The Structure and Function of the Human Body course (BIOL 340) is facing extraordinary enrollment pressures. The demand for the course is very high because of increasing numbers of students in curricula that require BIOL 340, e.g. Kinesiology, some Human Ecology majors and numerous pre-health fields. The supply can't be greatly expanded because of staffing limitations, lecture and lab room limitations and supply costs for a lab-intensive course. The problem could be partially alleviated by reducing the number of students who withdrew from the course (leaving lab space unused) or fail the course and must retake it. The group most responsible for the WD's and F's are recent transfer students to KSU who transfer in their BIOL 198 credit. Both for the benefit of such students who really aren't ready for BIOL 340 and as an aid to our enrollment crunch, we feel the prerequisite of a KSU natural science course for BIOL 340 would be useful.

**EFFECTIVE DATE:** Spring 2006

**CHANGE:** **BIOL 433. Wildlife Conservation.** (3) II. ~~An introductory course to the fields of fisheries and wildlife conservation, history of the conservation movement, review of important wildlife species, overview of management concepts, and exposure to wildlife related issues.~~ Pr.: BIOL 201.

**TO:** **BIOL 433. Introduction to Wildlife, Fisheries, and Conservation Biology.** (3) II. An introduction to the ecological and management principles associated with the fields of fisheries, wildlife and conservation biology. Topics include population ecology and assessment, resource management, and environmental legislation. Pr.: BIOL 201.

**RATIONALE:** Gido and Wisely are new faculty, and have revised the content of this course to match the general changes in the Fisheries and Wildlife curriculum that are concurrently being proposed. In particular, changes to this course include an emphasis on conservation biology as well as ecology and management.

**EFFECTIVE DATE:** Spring 2005

**CHANGE:** **BIOL 585. Principles of Conservation Biology.** (3) II. Biological diversity and the factors contributing to loss of biodiversity. Scientific principles of biological conservation emphasizing the application of ecological theory and population genetics to the conservation of threatened populations, species, and ecosystems. Three hours lec. per week. Pr.: BIOL 450 and 529.

**TO:** **BIOL 642. Principles of Conservation Biology.** (3) II. Biological diversity and the factors contributing to loss of biodiversity. Scientific principles of biological conservation emphasizing the application of ecological

theory and population genetics to the conservation of threatened populations, species, and ecosystems. Three hours lec. per week. Pr.: BIOL 450 and 529.

**RATIONALE:** Changing the current course number from a 500-level to a 600-level course will enable graduate students to take this course for full credit. This will fill the need for an introductory course in conservation biology following the simultaneously proposed change of BIOL 828 – Conservation Biology to emphasize special topics and current issues in conservation (BIOL 828 – Advanced Topics in Conservation Biology). For graduate students that have never taken a course in conservation biology, Principles of Conservation Biology will provide the necessary background for addressing the more advanced topics covered in greater depth in BIOL 828. This change also reflects the increased interest and demand for a conservation-related curriculum at the graduate level.

**EFFECTIVE DATE:** Spring 2006

**CHANGE:** **BIOL 612. Limnology.** (4) I, in even years. Basic ecological principles of aquatic environments. Plants and animals of local streams, rivers, ponds, and reservoirs are used to demonstrate the interaction of biological processes with the chemical and physical features of natural aquatic environments. Three hours lec., three hours lab a week; two optional weekend field trips. Pr.: BIOL 201 and CHEM 110 or 210.

**TO:** **BIOL 612. Freshwater Ecology.** (4) I, in even years. Basic ecological principles of aquatic environments and environmental applications. Plants and animals of local streams, rivers, ponds, and reservoirs are used to demonstrate the interaction of biological processes with the chemical and physical features of natural aquatic environments. Three hours lec., three hours lab a week; two optional weekend field trips. Pr.: BIOL 201 and CHM 110 or 210.

**RATIONALE:** The name has been changed from Limnology to Freshwater Ecology to reflect content more accurately. The description has been changed to include the words “and environmental applications” to better reflect the content.

**EFFECTIVE DATE:** Fall 2006

**ADD:** **BIOL 640. Population Biology.** (3) I. An introduction to the theories of quantitative population biology including dynamics, demography and genetics. Emphasis on spatio-temporal variation within and among populations and species. Three hours lec. a week. Pr.: BIOL 450 and 529 and STAT 340.

**RATIONALE:** The study of population biology is important to a basic education in biology and critical to an understanding of ecology.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **BIOL 684. Wildlife Management.** (3) II. ~~Concepts of managing wildlife with emphasis on North American game species. Applied population dynamics as they relate to management, historical, and recent developments in wildlife management, habitat improvement, and related material.~~ Three hours lec. a week. Pr.: BIOL 433 ~~and 450~~.

**TO:** **BIOL 684. Wildlife Management and Techniques.** (4) II. Concepts and techniques of wildlife ecology and management with emphasis on North American game species. Applied population dynamics as they relate to historical and recent developments in wildlife management, habitat improvement, and related material. Three hours lec., one hour rec., and three hours lab a week. Pr.: BIOL 433.

**RATIONALE:** Courses relevant to Fisheries and Wildlife Biology programs need to be altered to meet demands placed on students entering today’s various management and conservation fields. As part of these changes, it is proposed elsewhere that Wildlife Management Techniques (BIOL 685) be dropped.

The dropping of BIOL 685 will allow (1) the addition of a new upper level course in Population Biology (BIOL 640) to be required of all Fisheries and Wildlife Biology majors and (2) the addition to the present Wildlife Management course (BIOL 684) of an updated lab on management and research techniques to create a modified course, to be named Wildlife Management and Techniques (BIOL 684). Besides adding the laboratory section (which increases credit hours from 3 to 4) BIOL 684 will cover pertinent material from the present Wildlife Management Techniques. A one-hour recitation section will be included in the format

of the proposed Wildlife Management and Techniques course, which will allow the discussion of updated information on wildlife ecology and management, habitat improvement, and field and lab techniques.

**EFFECTIVE DATE:** Spring 2006

**DROP:** ~~BIOL 685. Wildlife Management Techniques. (3) I. Ecology and management techniques. Two hours lec. and three hours lab a week. Pr.: BIOL 433 and 450.~~

**RATIONALE:** Courses relevant to Fisheries and Wildlife Biology programs need to be altered to meet demands placed on students entering today's various management and conservation fields. As part of these changes, it is proposed that the present course entitled Wildlife Management Techniques (BIOL 685) be dropped.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **BIOL 696. Fisheries Management.** (4) I, in even years. Historical and contemporary issues in the management and conservation of exploited fishes. Methods for managing fisheries resources in streams, lakes, and ponds including estimating abundances, quantifying age and growth, manipulating populations, modeling population dynamics, culturing fishes, and improving aquatic habitat. Three hours lec. and three hours lab per week. Pr.: BIOL 430.

**TO:** **BIOL 696. Fisheries Management and Techniques.** (4) I, in even years. Historical and contemporary issues in the management and conservation of exploited fishes. Methods for managing fisheries resources in streams, lakes, and ponds including estimating abundances, quantifying age and growth, manipulating populations, modeling population dynamics, culturing fishes, and improving aquatic habitat. Three hours lec. and three hours lab per week. Pr.: BIOL 430.

**RATIONALE:** Only a title change is requested. This change will emphasize the coverage of sampling and data analysis techniques. In addition, this name will be consistent with the requested title change of "Wildlife Management," to "Wildlife Management and Techniques."

**EFFECTIVE DATE:**

**DROP:** ~~BIOL 719. Biomembranes. (2) II, in even years. Fundamental concepts in membrane biochemistry. Emphasis on the relationship of membrane structure and function. Includes an introduction to research literature on cellular and model membranes. Reading/discussion format. Pr.: BIOL 541 and BIOCH 521.~~

**RATIONALE:** This course has been taught by a single faculty member (Welti) since its inception. The teaching and research commitments of this faculty member do not allow teaching of this course in the future.

**EFFECTIVE DATE:**

**CHANGE:** **BIOL 730. General Virology.** (3) II. Theoretical and experimental basis of virology, with emphasis on ~~the role of the virus as a controlling force in cellular biology;~~ principles of host-virus interactions; ~~introduction to use of mammalian cell cultures as the host for virus propagation.~~ Pr.: Twelve hours of biological sciences, including BIOL 450 and 455; and BIOCH 521 or equiv.; consent of instructor.

**TO:** **BIOL 730. General Virology.** (3) II. Theoretical and experimental basis of virology, with emphasis on how viruses manipulate cells to insure their own survival, mechanisms of virus replication, principles of virus-host interactions including how viruses cause disease, and selected medically relevant viruses. Pr.: Twelve hours of biological sciences, including BIOL 450 and 455; and BIOCH 521 or equiv.; consent of instructor.

**RATIONALE:** The rationale for making these changes is to more accurately reflect the contents of the course since it was restructured in 2001.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **BIOL 822. Landscape Ecology.** (3) I, in odd years. Effect of spatial pattern on ecological processes. Course will emphasize how spatial complexity emerges and is maintained in ecological systems, the analysis of spatial pattern, scaling issues, the ecological consequences of spatial pattern and applications

for conservation and ecosystem management in both aquatic and terrestrial systems. Two lecture hours and three laboratory hours per week. Pr.: BIOL 529 or equivalent.

**TO:** **BIOL 822. Landscape Ecology.** (4) I, in odd years. Effect of spatial pattern on ecological processes. Course will emphasize how spatial complexity emerges and is maintained in ecological systems, the analysis of spatial pattern, scaling issues, the ecological consequences of spatial pattern and applications for conservation and ecosystem management in both aquatic and terrestrial systems. Two lecture hours, one discussion hour and three laboratory hours per week. Pr.: BIOL 529 or equivalent.

**RATIONALE:** Since the course was first offered in Fall 2001, the course has evolved to include 2-3 hours of lecture, a 1-hour discussion session and a 3-hour laboratory project (which often requires students to work outside of class) per week. The addition of the discussion session was done at student request, and an additional hour of lecture is sometimes required to get through the material in a given week in preparation for the lab.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** ~~**BIOL 828. Conservation Biology.** (3) II, in even years. Study of factors that threaten biodiversity and strategies/techniques to minimize or reverse those threats. Considers how spatial and temporal scale issues affect management decisions, how molecular techniques have been used to elucidate problems of scale, and the social and economic factors that affect implementation of conservation techniques. Pr.: BIOL 450 and 529.~~

**TO:** **BIOL 828. Advanced Topics in Conservation Biology.** (2) II, in even years. Considers in depth one or two topics important to conservation biology. Topics vary. Potential topics are: community based ecosystem management and policy implementation, habitat loss and fragmentation, demographics of small populations and population viability models, conservation genetics. Pr.: Instructor permission required.

**RATIONALE:** Description reflects the way the course is taught by the group of current instructors.

**EFFECTIVE DATE:** Spring 2006

### ***School of Journalism and Mass Communications***

**ADD:** **MC 251. Video News Production.** (3) I. The fundamental production skills associated with producing video news, including basic news writing, camera operation and editing techniques. Pr.: MC 200 with grade of 2.0 or better.

**RATIONALE:** The Electronic Journalism option in the Journalism sequence currently has no course that teaches students basic audio and video production concepts associated with producing video news packages for television and/or streamed video newscasts. This course provides concentrated skill development in this important aspect of electronic news production. The course has been offered as a special topics class for two years and has made a vast improvement in student skill levels and the content of cable newscasts produced by the School of Journalism.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 295. Information Gathering.** (3) I, II. Search strategies for journalists and other mass communicators, with emphasis on identifying, locating, and evaluating information and sources. Skills development in interviewing and focal groups; use of library and government documents; use of online sources; use and creation of polls, surveys, and databases. Pr.: MC 110.

**TO:** **MC 195. Information Gathering.** (3) I, II. Search strategies for journalists and other mass communicators, with emphasis on identifying, locating, and evaluating information and sources. Skills development in interviewing and focal groups; use of library and government documents; use of online sources; use and creation of polls, surveys, and databases. Pr.: MC 110.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 300. Journalism in a Free Society.** (3) II. Emphasizes the role of journalism in building an informed citizenry in a democracy, serving as a watchdog of government, providing news in a context that gives meaning to the people, and being socially responsible in the midst of a changing economic structure. Open to majors and nonmajors.

**TO:** **MC 111. Journalism in a Free Society.** (3) II. Emphasizes the role of journalism in building an informed citizenry in a democracy, serving as a watchdog of government, providing news in a context that gives meaning to the people, and being socially responsible in the midst of a changing economic structure. Open to majors and nonmajors.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**DROP:** ~~**MC 305. Radio Television and Society.** (3) I. Influence of electronic media in today's culture. Examination of the dynamics of telecommunications including production techniques. Open to majors and non majors.~~

**RATIONALE:** The Electronic Media sequence faculty has voted to drop MC 305 because the course content duplicates the Miller School's UGE course, MC 110. Moreover, the narrow focus on radio and television in MC 305 is inconsistent with current industry trends toward technical and content convergence, requiring students to have a broader understanding of all media forms.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 340. Visual Communication in Mass Media.** (3) I. An overview of concepts and theories of communicating through visual means, including the physiology and psychology of seeing and perceiving; the basics of design and aesthetic principles; and examination of the uses of these concepts and principles within the mass media. Pr.: MC 110

**TO:** **MC 210. Visual Communication in Mass Media.** (3) I. An overview of concepts and theories of communicating through visual means, including the physiology and psychology of seeing and perceiving; the basics of design and aesthetic principles; and examination of the uses of these concepts and principles within the mass media. Pr.: MC 110

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 320. Principles of Advertising.** (3) I, II. An examination of the advertising field and its relationship to marketing and journalism. Open to majors and nonmajors.

**TO:** **MC 120. Principles of Advertising.** (3) I, II. An examination of the advertising field and its relationship to marketing and journalism. Open to majors and nonmajors.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 325. Fundamentals of Public Relations.** (3) I, II. Contemporary persuasive social science principles, processes, and issues involved in the management of communications between an organization and its publics. Open to majors and nonmajors.

**TO:** **MC 180. Fundamentals of Public Relations.** (3) I, II. Contemporary persuasive social science principles, processes, and issues involved in the management of communications between an organization and its publics. Open to majors and nonmajors.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 365. KSDB-FM Audition.** (0) I, II. Production of music, news, and/or sports audio tapes to be evaluated by faculty in preparing students for an on-air position with KSDB-FM.

**TO:** **MC 165. KSDB-FM Audition.** (0) I, II. Production of music, news, and/or sports audio tapes to be evaluated by faculty in preparing students for an on-air position with KSDB-FM.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 400. News and Feature Writing.** (3) I, II, S. Instruction in information gathering and writing techniques for the various media. Pr.: Passing score on JMC composition skills test and 2.5 GPA upon completion of 12 or more credit hours.

**TO:** **MC 200. News and Feature Writing.** (3) I, II, S. Instruction in information gathering and writing techniques for the various media. Pr.: MC 195, Passing score on JMC composition skills test and 2.5 GPA upon completion of 12 or more credit hours.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 440. Writing for Electronic Media.** (3) I, II. ~~Study of forms and the preparation of written material for news, commercial announcements, and promotion for the electronic media and the regulations concerning advertising copy. Pr.: Passing score on JMC composition skills test and 2.5 GPA upon completion of 12 or more credit hours.~~

**TO:** **MC 211. Writing for Electronic Media.** (3) I, II. Study of writing formats and the preparation of written material for news, commercial and promotional announcements and entertainment programs for the electronic media. Pr.: MC 110 with minimum grade of C or better, passing score on JMC composition skills test and 2.5 GPA upon completion of 12 or more credit hours, majors only.

**RATIONALE:** This is a freshman-sophomore level course and serves as a prerequisite for other classes in the Electronic Media sequence. The lower number more accurately reflects the basic content level of the class.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 420. Advertising Writing.** (3) I, II. Fundamentals of writing for various media to solve advertising problems. Setting communication goals within the context of writing to persuade and inform mass audiences. Pr.: Passing score on JMC composition skills test and 2.5 GPA upon completion of 12 or more credit hours.

**TO:** **MC 221. Advertising Writing.** (3) I, II. Fundamentals of writing for various media to solve advertising problems. Setting communication goals within the context of writing to persuade and inform mass

audiences. Pr.: Passing score on JMC composition skills test and 2.5 GPA upon completion of 12 or more credit hours.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 430. Digital Photography for Mass Media.** (3) I, II. Basics of composition, exposure, cropping, and editorial judgment using converted analog and digital images and image-handling software. Introduction to uses of digital photography in mass media such as newspapers, magazines, brochures, and websites. Pr.: 2.5 overall GPA on completion of 6 MC credits.

**TO:** **MC 331. Digital Photography for Mass Media.** (3) I, II. Basics of composition, exposure, cropping, and editorial judgment using converted analog and digital images and image-handling software. Introduction to uses of digital photography in mass media such as newspapers, magazines, brochures, and websites. Pr.: 2.5 overall GPA on completion of 6 MC credits.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 440. Editing and Design.** (3) I, II. Survey of graphic arts principles, fundamentals of the editing process, and the relationship to the elements of newspaper design and the editing function. Pr.: MC 400 with a grade of C or better.

**TO:** **MC 241. Editing and Design.** (3) I, II. Survey of graphic arts principles, fundamentals of the editing process, and the relationship to the elements of newspaper design and the editing function. Pr.: MC 200 with a grade of C or better.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 445. Public Relations Writing.** (3) I, II, S. Examines various forms of contemporary public relations writing, with special emphasis on preparation of messages for different media and audiences. Pr.: MC 325 and MC 400 with a grade of C or better.

**TO:** **MC 280. Public Relations Writing.** (3) I, II, S. Examines various forms of contemporary public relations writing, with special emphasis on preparation of messages for different media and audiences. Pr.: MC 180 and MC 200 with a grade of C or better.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** ~~**MC 465. Intermediate Web Communication.** (3) I, II. Develop expertise in the construction of websites with a solid emphasis on the appropriateness, integrity and quality of the content provided. Pr.: MC 110 and one of the following: MC 400, MC 410 or MC 420.~~

**TO:** **MC 461. Web Techniques.** (3) I, II. Development of websites for use in media companies with a solid emphasis on audience, appropriateness, integrity and the quality of the content provided. Pr.: MC 110 and one of the following: MC 200, MC 211 or MC 221.

**RATIONALE:** The number change reflects the School's desire to streamline the curriculum and bring about more conformity in numbering. This is an electronic media production course, and the name change is more consistent with the titles of the school's other electronic production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 475. Concepts of Electronic Media Production.** (3) I, II. Covers aesthetics, vocabulary, and pre-production planning for audio, video and multimedia production, with an emphasis on developing critical analysis skills. Pr.: MC ~~400, 410 or 420~~ with a grade of C or better, and a 2.5 GPA upon completion of 30 or more hours.

**TO:** **MC 276. Concepts of Electronic Media Production.** (3) I, II. Covers aesthetics, vocabulary, and pre-production planning for audio, video and multimedia production, with an emphasis on developing critical analysis skills. Pr.: MC 200, 210 or 221 with a grade of C or better, and a 2.5 GPA upon completion of 30 or more hours.

**RATIONALE:** This is a freshman-sophomore level course and serves as a prerequisite for other production classes in the Electronic Media sequence. The lower number more accurately reflects the basic content level of the class.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 484. Media Practicum.** (1-4) I, II. Practical work in student media operations of the school under supervision of an instructor, preparing students for work in the various media industries. Topics include publications, KSDB radio, yearbook, web, video, multimedia. Variable hours of credit equivalent to three hours of lab a week for each hour of credit. Enrollment required a study and work plan approved by the instructor of record to be on file with the school director. Pr.: Instructor permission.

**TO:** **MC 385. Media Practicum.** (1-4) I, II. Practical work in student media operations of the school under supervision of an instructor, preparing students for work in the various media industries. Topics include publications, KSDB radio, yearbook, web, video, multimedia. Variable hours of credit equivalent to three hours of lab a week for each hour of credit. Enrollment required a study and work plan approved by the instructor of record to be on file with the school director. Pr.: Instructor permission.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**DROP:** ~~**MC 490. Junior Seminar in Electronic Media.** (3) II. Current issues in electronic media, including regulation, law, technology and programming. Preparation for careers in electronic media. Pr.: MC 410 with a grade of C or better, and a 2.5 GPA upon completion of 30 or more hours.~~

**RATIONALE:** MC 490 duplicates material offered through classes in the sequence and in the Miller School's core curriculum.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 500. Advanced News and Feature Writing.** (3) I, II. Intensive course emphasizing reportorial principles and practices. Students serve as reporters for the Kansas State Collegian, writing for an audience of 20,000 readers daily. Pr.: MC ~~440~~ with grade of C or better.

**TO:** **MC 300. Advanced News and Feature Writing.** (3) I, II. Intensive course emphasizing reportorial principles and practices. Students serve as reporters for the Kansas State Collegian, writing for an audience of 20,000 readers daily. Pr.: MC 200 with grade of C or better.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** ~~MC 505. Electronic News Reporting.~~ (3) I. ~~Practical experience in gathering, writing, editing, producing and presenting the news for the electronic media, and study of related issues.~~ Pr.: MC ~~500~~ with grade of C or better.

**TO:** **MC 306. Audio News Production.** (3) I. The fundamental production skills associated with producing audio news, including basic news writing, audio recording and editing techniques. Pr.: MC 200 with grade of 2.0 or better.

**RATIONALE:** The name change more accurately represents the content of the course, since the School has moved to adopt a course specializing in video news production and making this course exclusively oriented towards reporting for audio media. The lower number more accurately reflects the skill level of the course.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** ~~MC 540. Yearbook Editing and Management.~~ (2) I. ~~Planning, editing, layout, writing, and financing a publication.~~

**TO:** **MC 411. Yearbook Editing and Management.** (2) I. ~~Planning, editing, layout, writing, and financing a publication.~~

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** ~~MC 545. Internet Journalism.~~ (3) II. ~~Issues involving journalism and the use of the Internet for delivery of news, including the relationship of the new medium with traditional journalism, new content opportunities and challenges, profitability, standards, and ethics.~~ Pr.: MC ~~465~~.

**TO:** **MC 316. Internet Journalism.** (3) II. ~~Issues involving journalism and the use of the Internet for delivery of news, including the relationship of the new medium with traditional journalism, new content opportunities and challenges, profitability, standards, and ethics.~~ Pr.: MC 200.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** ~~MC 520. Advertising Sales.~~ (3) I. ~~Advertising sales applied to print and electronic media. Includes designing and writing retail ads, campaign development, production, and sales techniques. Legal, ethical, and regulatory issues covered.~~ Pr.: MC ~~320~~ or MKTG 400 with a grade of C or better, and a 2.5 GPA upon completion of 30 or more hours.

**TO:** **MC 421. Advertising Sales.** (3) I. ~~Advertising sales applied to print and electronic media. Includes designing and writing retail ads, campaign development, production, and sales techniques. Legal, ethical, and regulatory issues covered.~~ Pr.: MC 120 or MKTG 400 with a grade of C or better, and a 2.5 GPA upon completion of 30 or more hours.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 522. Global Advertising.** (3) I, II. Issues associated with advertising in a global environment, including cultural impact, international media, regulation, ethics, and new media technologies. Pr.: MC ~~320~~ with a grade of C or better.

**TO:** **MC 423. Global Advertising.** (3) I, II. Issues associated with advertising in a global environment, including cultural impact, international media, regulation, ethics, and new media technologies. Pr.: MC 120 with a grade of C or better.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 530. Media Race and Social Change.** (3) Examines how the media cover social change, particularly racial issues, and studies the development and current status of selected ethnic media in the United States. Pr.: Junior standing.

**TO:** **MC 531. Media Race and Social Change.** (3) Examines how the media cover social change, particularly racial issues, and studies the development and current status of selected ethnic media in the United States. Pr.: Junior standing.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 535. Photojournalism.** (1-3) The materials, principles, and processes of photography directed toward visual reporting in newspapers, magazines, and other media. Content and credit vary. Potential topics include documentary picture story, essay, and sequence; spot news, feature, and sports photography; combining words and pictures effectively; marketing techniques; legal restriction. Lectures, demonstrations, and laboratory. Pr.: ~~MC 400 and 430 with grades of C or better. May be repeated for a maximum of 4 semester hours.~~

**TO:** **MC 416. Photojournalism.** (1-3) The materials, principles, and processes of photography directed toward visual reporting in newspapers, magazines, and other media. Content and credit vary. Potential topics include documentary picture story, essay, and sequence; spot news, feature, and sports photography; combining words and pictures effectively; marketing techniques; legal restriction. Lectures, demonstrations, and laboratory. Pr.: MC 300 with a C or better.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 540. Advanced Editing and Design.** (3) I, II. Advanced study of the editing processes with emphasis on handling the story, writing headlines, use of all elements for packaging the news, and creative use of the editing tools. Students work on the *Kansas State Collegian* about six hours each week. Pr.: MC ~~500~~ with grade C or better.

**TO:** **MC 341. Advanced Editing and Design.** (3) I, II. Advanced study of the editing processes with emphasis on handling the story, writing headlines, use of all elements for packaging the news, and creative use of the editing tools. Students work on the *Kansas State Collegian* about six hours each week. Pr.: MC 241 with grade C or better.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 545. Advertising Media Planning.** (3) I, II. The selecting, scheduling, selling, and buying of the various advertising media. Pr.: MC 420 with grade of C or better.

**TO:** **MC 446. Advertising Media Planning.** (3) I, II. The selecting, scheduling, selling, and buying of the various advertising media. Pr.: MC 221 with grade of C or better.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 550. Mass Communication Internship.** (1-3) I, II, S. The student works in a professional capacity under proper professional and faculty supervision with reports from student and supervisor required. Pr.: 12 specified semester hours of MC courses and consent of instructor.

**TO:** **MC 491. Mass Communication Internship.** (1-3) I, II, S. The student works in a professional capacity under proper professional and faculty supervision with reports from student and supervisor required. Pr.: 12 specified semester hours of MC courses and consent of instructor.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 555. Advertising Techniques.** (3) I, II, S. The planning, creation, and production of advertising messages for the various mass communication media. Pr.: MC 420 with grade of C or better.

**TO:** **MC 456. Advertising Techniques.** (3) I, II, S. The planning, creation, and production of advertising messages for the various mass communication media. Pr.: MC 221 with grade of C or better.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 560. Advanced Web Communication.** (3) I, II. Management of websites with a focus on solutions to the problems generated by vast quantities of information. Pr.: Instructor permission.

**TO:** **MC 501. Advanced Web Communication.** (3) I, II. Management of websites with a focus on solutions to the problems generated by vast quantities of information. Pr.: Instructor permission.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 565. Law of Mass Communications.** (3) I, II, S. A study of legal issues relating to mass communications. Emphasis on defamation, privacy, copyright, administrative controls, and other areas related to the mass media. Pr.: Junior standing, with a 2.5 GPA.

**TO:** **MC 466. Law of Mass Communications.** (3) I, II, S. A study of legal issues relating to mass communications. Emphasis on defamation, privacy, copyright, administrative controls, and other areas related to the mass media. Pr.: Junior standing, with a 2.5 GPA.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 570. Audio Techniques.** (3) I. ~~Theory and practice of radio remotes, automation, and multi-channel recording in the production of commercials, dramatic narrative, documentary programs and multimedia.~~ Pr.: MC 475 with grade of C or better.

**TO:** **MC 471. Audio Techniques.** (3) I. Theory and practice of audio recording and editing in various applications for the electronic media. Pr.: MC 276 with grade of C or better.

**RATIONALE:** This action provides a more accurate description of course content and renumbers the class to more accurately reflect its content level. Also includes the renumbered Concepts of Electronic Media Production (MC 276) prerequisite.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 580. Video Techniques.** (3) II. ~~Theory and practice of electronic field production, video editing, and video for multimedia.~~ Pr.: MC 475 with grade of C or better.

**TO:** **MC 481. Video Techniques.** (3) II. Theory and practice of field and studio production, video editing, and using video for Web-based applications. Pr.: MC 276 with grade of C or better.

**RATIONALE:** This action provides a more accurate description of course content and renumbers the class to more accurately reflect its content level. Also includes the renumbered Concepts of Electronic Media Production (MC 276) prerequisite.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 585. Advanced Electronic News Reporting.** (3) II. Reporting of issues of local importance, information-gathering techniques, in-depth writing, and electronic media news production methods. Pr.: MC 505 with grade of C or better.

**TO:** **MC 406. Advanced Electronic News Reporting.** (3) II. Reporting of issues of local importance, information-gathering techniques, in-depth writing, and electronic media news production methods. Pr.: MC 306 with grade of C or better.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 590. Public Affairs Reporting.** (3) I, II. Investigative reporting of local, state, and national affairs. Pr.: MC 500 with grade of C or better.

**TO:** **MC 400. Public Affairs Reporting.** (3) I, II. Investigative reporting of local, state, and national affairs. Pr.: MC 300 with grade of C or better.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**ADD:** **MC 593. Producing and Directing for Video.** (3) II. Practice experience in planning, producing, directing and posting studio and field video productions. Special emphasis on advanced production techniques and managing project development. Pr.: MC 276 with grade of C or better.

**RATIONALE:** This class will be higher level production elective for the Electronic media sequence. The producer is a key position in the organizational hierarchy at TV stations, video production houses and film studios. The producer manages the development of video productions from the idea stage to the completed product, and understanding this process is a fundamental skill in developing a student's overall production competency. Students must learn to produce within the confines of budgetary and client/audience demands, and to appreciate the challenges germane to working with and managing peers in a studio or field setting. The current curriculum does not have a class that teaches these important concepts.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 595. Mass Communication Research.** (3) I, II. Formulation of mass communication research and design. Appropriate methods of data collection and data analysis. Pr.: MC ~~235~~, a 2.5 GPA upon completion of 30 or more hours, and completion of a mathematics or statistics course.

**TO:** **MC 396. Mass Communication Research.** (3) I, II. Formulation of mass communication research and design. Appropriate methods of data collection and data analysis. Pr.: MC 110, a 2.5 GPA upon completion of 30 or more hours, and completion of a mathematics or statistics course.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 615. Magazine Article Writing.** (3) I. Preparation of feature stories and articles; techniques of market analysis, and marketing or articles written in course. Pr.: MC ~~500~~.

**TO:** **MC 426. Magazine Article Writing.** (3) I. Preparation of feature stories and articles; techniques of market analysis, and marketing or articles written in course. Pr.: MC 300.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 620. Magazine Production.** (3) II. The practical application of theory to writing, editing, graphic reproduction, layout, and management of magazines. Pr.: MC ~~500~~.

**TO:** **MC 436. Magazine Production.** (3) II. The practical application of theory to writing, editing, graphic reproduction, layout, and management of magazines. Pr.: MC 300.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 635. Public Relations Techniques.** (3) I, II. Focuses on the use of communications techniques in achieving organizational goals. Includes planning, application, and ethics of messages for print, electronic, and online media and for special events. Pr.: MC ~~325~~, MC ~~440~~, and MC ~~445~~ with grades of C or better.

**TO:** **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 for print, electronic, and online media and for special events. Pr.: MC 180, MC 241, and MC 280 with grades of C or better.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**DROP:** ~~MC 650. Newspaper Management. (3) I. The management of newspapers dealing with organization, ownership, promotion, research, production, equipment, markets, personnel, legal aspects, advertising, buying and selling of newspaper properties, business practices, and news policy. Pr.: MC 540 of concurrent enrollment.~~

**RATIONALE:** The School's faculty has voted to drop MC 650 because current media industry trends toward convergence in ownership, management and technology no longer justify teaching two management classes. The content of this course is being consolidated with MC 685 Electronic Media Management to create a new course, simply titled Media Management. The new class will be offered under the 685 number.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MC 660. Global Culture and the Internet.** (3) Intersession only. Examination of the impact of Western influences through Internet communication and technology on the shaping of a global culture; includes issues of commercialism, capitalism, colonialism, and tribalism and conflicts created by cultural clashes. Pr.: MC 235 or instructor permission.

**TO:** **MC 561. Global Culture and the Internet.** (3) Intersession only. Examination of the impact of Western influences through Internet communication and technology on the shaping of a global culture; includes issues of commercialism, capitalism, colonialism, and tribalism and conflicts created by cultural clashes. Pr.: MC 110 or instructor permission.

**RATIONALE:** This change is part of an overall effort to streamline the curriculum and bring about more conformity and symmetry in numbering. The current numbering system inflates the content and skill level of many introductory, writing and production classes.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** ~~MC 685. Electronic Media Management. (3) I. Management practices of broadcast, cable and non-broadcast facilities including regulation and sales. Pr.: MC 440 or MANGT 420 with grade of C or better and a 2.5 GPA upon completion of 30 or more hours.~~

**TO:** **MC 685. Media Management.** (3) I. Issues, ethics and practices in managing media companies, with special emphasis on problems and practices in converged media operations. Pr.: MC 211 or MANGT 420 with grade of C or better and a 2.5 GPA upon completion of 30 or more hours.

**RATIONALE:** Modern trends towards consolidation and convergence among newspapers and broadcasting companies make it unrealistic to maintain two management classes, one for print and the other for electronic media, which is the way the School's curriculum is currently configured. This course action 1) changes the title and content of the current catalog listing for MC 685 and 2) incorporates principles from MC 650 Newspaper Management, which is being dropped under separate action.

**EFFECTIVE DATE:** Fall 2005

### *Department of Kinesiology*

**CHANGE:** **KIN 250. Measurement and Research Techniques in Kinesiology.** (3) I, II. Theory and techniques of measurement and research in the biological and behavioral aspects of kinesiology. Pr.: KIN 220.

**TO:** **KIN 310. Measurement and Research Techniques in Kinesiology.** (3) I, II. Theory and techniques of measurement and research in the biological and behavioral aspects of kinesiology. Pr.: KIN 220.

**RATIONALE:** Changing the course number from a 200-level to a 300-level appropriately reflects that the course carries a prerequisite within the department and that the majority of the students enrolled are Juniors.

**EFFECTIVE DATE:** Fall 2005

*Department of Mathematics*

**CHANGE:** ~~**MATH 500. Actuarial Mathematics I.** (3) I. Extensive review of calculus and linear algebra including calculus-based applications to statistics. Introduction to mathematical methods for quantitatively assessing risk. Prepares students for the first professional examination administered by the Society of Actuaries and the Casualty Actuary Society. Pr.: MATH 240, MATH 551 or conc. enrollment in MATH 551. STAT 510 recommended but not required.~~

**TO:** **MATH 500. Mathematical Theory of Interest.** (3) I. Extensive introduction to the mathematical theory of interest with applications to the field of actuarial science. Prepares students to take the second professional examination administered by the Society of Actuaries and the Casualty Actuarial Society. Pr.: MATH 221.

**RATIONALE:** The purpose of this course is to prepare students for one of the basic professional examinations offered by the Society of Actuaries and Casualty Actuarial Society. Beginning in January 2005, these exams will be redesigned. The content of this course is being changed so as to correspond with the syllabus of one of the redesigned exams.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** ~~**MATH 501. Actuarial Mathematics II.** (3) II. Introduction to the mathematical theory of interest: present and future value, annuities, sinking funds, amortization. Applications to finance including securities, mortgages, depreciation and asset management. Helps prepare students for the second professional examination administered by the Society of Actuaries and the Casualty Actuary Society. Pr.: MATH 221.~~

**TO:** **MATH 501. Mathematical Foundations of Actuarial Science.** (3) II. Introduction to calculus-based applications and models with an emphasis on applications to insurance. Prepares students to take the first professional examination administered by the Society of Actuaries and Casualty Actuarial Society. Pr.: MATH 222 and STAT 510 or conc. enrollment in STAT 510.

**RATIONALE:** The purpose of this course is to prepare students for one of the basic professional examinations offered by the Society of Actuaries and Casualty Actuarial Society. Beginning in January 2005, these exams will be redesigned. The content of this course is being changed so as to correspond with the syllabus of one of the redesigned exams.

**EFFECTIVE DATE:** Fall 2005

**ADD:** **MATH 812. Homological Algebra I.** (3) I. Introduction to the basics of homological and cohomological delta functors with applications to specific categories. Topics include Abelian categories, functors, exactness, chain complexes and maps, cochain complexes and maps, projective and injective resolutions, left and right derived functors, homological dimension, double complexes, spectral sequences, Tor and Ext functors, cohomology of groups, Lie algebras, and Hochschild homology. Pr.: MATH 811.

**RATIONALE:** Homological methods have become a standard requirement to do research in various areas of mathematics. This course will approach homological algebra from several different perspectives and will cover applications in a variety of areas in algebra, topology, and mathematical physics.

**EFFECTIVE DATE:** Fall 2005

**ADD:** **MATH 813. Homological Algebra II.** (3) II. Introduction to special homology and cohomology theories. Topics include Galois cohomology, cyclic homology, local cohomology theories, localization, derived categories, and the calculus of fractions in Abelian categories. Pr.: MATH 812.

**RATIONALE:** Homological methods have become a standard requirement to do research in various areas of mathematics. This course will approach homological algebra from several different perspectives and will cover applications in a variety of areas in algebra, topology, and mathematical physics.

**EFFECTIVE DATE:** Fall 2005

**ADD:** **MATH 814. Lie Algebras and Representations I.** (3) I, in odd years. Introduction to Lie algebras. Topics include ideals, homomorphisms, nilpotent and solvable algebras, radicals, killing forms, Cartan subalgebras, semisimple Lie algebras and root systems, classification of semisimple Lie algebras, conjugacy theorems, enveloping algebras and PBW theorems, Serre relations, and constructions of semisimple Lie algebras and their enveloping algebras. Pr.: MATH 811.

**RATIONALE:** The theory of Lie algebra plays a seminal role in several areas of mathematical research including algebra, differential equations, differential geometry, and number theory. In particular, in the last 15 years, Lie algebra theory has become part of the core knowledge of mathematical physics and has played a particularly important role in the theory of quantum groups.

**EFFECTIVE DATE:** Fall 2005

**ADD:** **MATH 815. Lie Algebras and Representations II.** (3) II, in odd years. Introduction to Kac-Moody algebras and their representations, Verma modules and BGG categories, and the Kac-Weyl character formula. In addition, special topics include quantum groups and their representations. Pr.: MATH 814.

**RATIONALE:** The theory of Lie algebra plays a seminal role in several areas of mathematical research including algebra, differential equations, differential geometry, and number theory. In particular, in the last 15 years, Lie algebra theory has become part of the core knowledge of mathematical physics and has played a particularly important role in the theory of quantum groups.

**EFFECTIVE DATE:** Fall 2005

**ADD:** **MATH 816. Algebraic Geometry I.** (3) I. Introduction to affine algebraic varieties over algebraically closed fields. Topics include Hilbert Nullstellensatz, Zariski topology, morphisms, differentials, smoothness, separability, and normality, algebraic and projective varieties, sheaf theory, sheaf cohomology, and vector bundles. Pr.: MATH 811.

**RATIONALE:** During the last 15 years, developments in mathematics and mathematical physics have utilized algebraic geometry as a basic research tool. This course will provide students the background in algebraic geometry necessary to conduct research in these developing areas.

**EFFECTIVE DATE:** Fall 2005

**ADD:** **MATH 817. Algebraic Geometry II.** (3) On sufficient demand. Introduction to schemes. Topics include categories, representable functors, prime spectra, algebraic schemes, separable schemes, normal schemes, proper schemes, schemes with bases, completions, formal schemes, Zariski's Theorem, Frobenius morphisms, and etale morphisms. Pr.: MATH 816.

**RATIONALE:** During the last 15 years, developments in mathematics and mathematical physics have utilized algebraic geometry as a basic research tool. This course will provide students the background in algebraic geometry necessary to conduct research in these developing areas.

**EFFECTIVE DATE:** Fall 2005

**ADD:** **MATH 818. Introduction to Algebraic Groups I.** (3) On sufficient demand. Introduction to algebraic groups. Topics include a review of algebraic geometry on varieties and morphisms, Lie algebras of algebraic groups, actions of algebraic groups over algebraic varieties, Jordan-Chevalley decompositions, solvable and unipotent algebraic groups, radicals and unipotent radicals, Borel subgroups, and parabolic subgroups. Pr.: MATH 811.

**RATIONALE:** Actions of algebraic groups on geometric objects have been important ingredients in research in algebra, geometry, and mathematical physics. This course is part of the core knowledge for quantum groups and their representations.

**EFFECTIVE DATE:** Fall 2005

**ADD:** **MATH 819. Introduction to Algebraic Groups II.** (3) On sufficient demand. Introduction to reductive and semisimple algebraic groups, Bruhat decompositions, flag varieties, cohomology groups of line bundles over flag manifolds, Chevalley groups and their representations, Weyl modules and classification of irreducible modules, group functors and schemes, Hopf algebras and their representations. Pr.: MATH 818.

**RATIONALE:** Actions of algebraic groups on geometric objects have been important ingredients in research in algebra, geometry, and mathematical physics. This course is part of the core knowledge for quantum groups and their representations.

**EFFECTIVE DATE:** Fall 2005

**ADD:** **MATH 823. Geometric Function and Measure Theory I.** (3) On sufficient demand. Topics include general measure theory, covering theorems, Hausdorff measure, area and coarea formulas, distributions, Sobolev spaces, Poincaré inequalities, embeddings theorem, changes of variables, extensions, and capacity. Applications include quasiconformal and quasiregular maps in  $\mathbb{C}^N$  and analysis on fractals. Pr.: MATH 821.

**RATIONALE:** During the last 10 years the faculty make-up of the department has changed. This course covers fundamental topics in the area of analysis, which have application to complex variables, partial differential equations, and differential geometry. This reflects both the current international trends and the interests of our faculty.

**EFFECTIVE DATE:** Fall 2005

**ADD:** **MATH 824. Geometric Function and Measure Theory II.** (3) On sufficient demand. Continuation of Geometric Function and Measure Theory I. Pr.: MATH 823.

**RATIONALE:** During the last 10 years the faculty make-up of the department has changed. This course covers fundamental topics in the area of analysis, which have application to complex variables, partial differential equations, and differential geometry. This reflects both the current international trends and the interests of our faculty.

**EFFECTIVE DATE:** Fall 2005

**ADD:** **MATH 827. Classical and Modern Fourier Analysis I.** (3) On sufficient demand. Topics include Fourier analysis on the circle, singular integrals of convolution type, Littlewood-Paley theory and multipliers, BMO and Carleson Measures, and boundedness and convergence of Fourier integrals (or singular integrals of nonconvolution type). Pr.: MATH 821.

**RATIONALE:** During the last 10 years the faculty make-up of the department has changed. This course covers fundamental topics in the area of analysis, which have applications to harmonic analysis, operator theory, and partial differential equations. This reflects both the current international trends and the interests of our faculty.

**EFFECTIVE DATE:** Fall 2005

**ADD:** **MATH 828. Classical and Modern Fourier Analysis II.** (3) On sufficient demand. Continuation of Classical and Modern Fourier Analysis I. Pr.: MATH 827.

**RATIONALE:** During the last 10 years the faculty make-up of the department has changed. This course covers fundamental topics in the area of analysis, which have applications to applied mathematics, partial

differential equations, and other diverse areas of mathematics. This reflects both the current international trends and the interests of our faculty.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MATH 852. Functional Analysis I.** (3) I, in alternate years. ~~Topics to be selected from linear topological spaces, seminormed linear spaces, Banach spaces, Hilbert spaces, Banach algebras, spectral theory, harmonic analysis, and others. May be taken four times for a total of 12 hours. Pr.: MATH 822.~~

**TO:** **MATH 852. Functional Analysis I.** (3) I, in alternate years. Topics include: Topological vector spaces; locally convex spaces (Hahn-Banach Theorem, weak topology, dual pairs, Krein-Milman Theorem, applications to the theory of distributions); Banach spaces (Uniform Boundedness Principle, Open Mapping Theorem and its applications, Alaoglu's Theorem, analytic vector-valued functions, Krein-Smulian Theorem);  $C(X)$  as a Banach space (Stone-Weierstrass Theorem, Riesz Theorem);  $L^p$  spaces; Banach Algebras (spectrum, Gelfand-Fourier transform, holomorphic functional calculus). Pr.: MATH 821.

**RATIONALE:** The new description more accurately represents what has been taught in this class in the last 10 years.

**EFFECTIVE DATE:** Fall 2005

**CHANGE:** **MATH 853. Functional Analysis II.** (3) II, in alternate years. ~~Continuation of Functional Analysis I. May be repeated for credit. Pr.: MATH 852~~

**TO:** **MATH 853. Functional Analysis II.** (3) II, in alternate years. Topics include: Hilbert spaces (geometric properties, Riesz's Theorem, projections, the adjoint); functional calculus for normal operators; compact operators (spectral properties, Min-Max Theorem, Schatten-vol Neumann classes); Fredholm operators; other natural operator topologies on  $B(H)$ ; unbounded self-adjoint operators. Other topics will be included, depending on the instructor's choice. Pr.:MATH 852.

**RATIONALE:** The new description more accurately represents what has been taught in this class in the last 10 years.

**EFFECTIVE DATE:** Fall 2005

**ADD:** **MATH 857. Nonlinear Analysis I.** (3) On sufficient demand. Introduction to the elements of nonlinear functional analysis: contraction mapping principle and applications to differential and integral equations, Schauder fixed-point theorem and applications, elements of degree theory, Leray-Schauder principle with applications, theory of monotone operators, operators acting in cones, and applications. Applications to theoretical numerical analysis: theory of ill-posed problems, stable solutions of such problems, justification of projection and variational methods for solving boundary-value problems. Pr. MATH 821, 822, 852, 853 and MATH 840 is recommended.

**RATIONALE:** During the last 10 years the faculty make-up of the department has changed. This course covers fundamental topics in the area of analysis, which have applications to applied mathematics, partial differential equations, and other diverse areas of mathematics. This reflects both the current international trends and the interests of our faculty.

**EFFECTIVE DATE:** Fall 2005

**ADD:** **MATH 858. Nonlinear Analysis II.** (3) On sufficient demand. Continuation of Nonlinear Analysis I. Pr.: MATH 857.

**RATIONALE:** During the last 10 years, faculty research interests in topology have changed a great deal. The proposed new course aligns with the current research interests and strengths of the topologists on our faculty and will help prepare students to do research in an area of faculty interest.

**EFFECTIVE DATE:** Fall 2005

**ADD:** **MATH 877. Classical and Quantum General Relativity.** (3) On sufficient demand. A self contained introduction to general Relativity, followed by a mathematical introduction to quantum mechanics and

quantum field theory. Course culminates in review of current approaches to quantizing general Relativity. Pr.: MATH 876 or consent of instructor.

**RATIONALE:** During the last 10 years, faculty research interests in topology have changed a great deal. The proposed new course aligns with the current research interests and strengths of the topologists on our faculty and will help prepare students to do research in an area of faculty interest.

**EFFECTIVE DATE:** Fall 2005

**ADD:** **MATH 890. Riemann Surfaces.** (3) On sufficient demand. Introduction to Riemann Surfaces. Topics will include complex charts, complex structures, holomorphic and meromorphic maps (and functions), order of poles and zeros, covering spaces, monodromy of holomorphic maps, differential forms, DeRham cohomology groups, integration on Riemann surfaces, Cech cohomology of sheaves, compact Riemann surfaces, finite theorems, divisors and sheaves of meromorphic forms, and the Riemann Roch Theorem. Pr.: MATH 702, MATH 811, and MATH 822.

**RATIONALE:** The theory of Riemann surfaces permeates almost all branches of modern mathematics including algebra, analysis, differential equations, geometry, number theory, and topology. This course will cover connections to these areas.

**EFFECTIVE DATE:** Fall 2005

#### *Department of Modern Languages*

**ADD:** **♦GRMN 510. German Film.** (3) In English. Addresses various topics within a German historical-cultural context. Students will consider what makes cinema a distinct form of artistic expression. May be taken for major credit if assignments and discussion are completed in German.

**RATIONALE:** Designed for students who wish to explore German film culture in particular and the study of film and German culture in general. Modern Language department at present list no course on German film in the catalog. Considering the rich contributions of German film to world cinema and its significant role in 20<sup>th</sup> century German culture this course fills an urgent and glaring gap.

**EFFECTIVE DATE:** Fall 2005

**ADD:** **JAPAN 391. Culture of Japanese Communication.** (3) Introduction to verbal and nonverbal cultural aspects of Japanese discourse. Includes comparative study, followed by discussion on application of knowledge in cross-cultural context. Pr.: JAPAN 191 or consent of instructor.

**RATIONALE:** This course is developed with the vision that our global community needs effective communicators, who not only are keen on cultural diversity but also capable of functioning in cross-cultural settings. Learning a foreign language entails the process of acculturation, in which one discovers his or her cultural identity at the same time gaining the understanding of the foreign culture. Knowing the culture, however, doesn't guarantee practical cultural fluency. When one's own culture and the target culture can be different at times, then what is the appropriate way to approach a given situation which can be as simple as a greeting, for example? This course provides essential insights and tools for nurturing bicultural fluency.

**EFFECTIVE DATE:** Fall 2005

#### *Department of Music*

**ADD:** **MUSIC 603. Percussion Pedagogy Workshop.** (3) S. Advanced study of percussion instruments and related performance techniques, teaching methods and responsibilities, organization, and literature.

**RATIONALE:** Solid command of percussion pedagogy is a necessity for successful instrumental music educators who teach in primary and secondary schools. This course is designed to present problem-solving strategies that are effective from the podium (in practice) as well as in theory. The course includes a great deal of "hands on" experience and an emphasis on addressing the specific issues raised by class members.

The course has been taught for two terms under the "Problems in Music" (MUSIC 799) course number. Giving the course its own number will add curriculum specificity, as well as making the course more useful in students' pursuit of credits toward graduate degrees. (The allowable number of credits under the 799 course number is limited.)

This course is intended to be an ongoing component of summer graduate music courses, and is presented in a manner similar to other courses that address practical issues of music educators in an intensive workshop format.

**EFFECTIVE DATE:** Summer 2005

***Department of Statistics***

**DROP:** ~~STAT 916. Nonparametric Theory and Robustness. (3) I, in even years.~~

**RATIONALE:** This course is no longer offered.

**EFFECTIVE DATE:** Fall 2004

**CHANGE:** ~~STAT 920. Experimental Design Theory. (3) II, in odd years.~~

**TO:** ~~STAT 920. Experimental Design Theory. (3) On sufficient demand.~~

**RATIONALE:** This course is not offered on a regular basis, and there is not consistent demand for it.

**EFFECTIVE DATE:** Fall 2004

**DROP:** ~~STAT 925. Computational Statistics. (3) I, in odd years.~~

**RATIONALE:** This course is no longer offered.

**EFFECTIVE DATE:** Fall 2004

**CHANGE:** ~~STAT 930. Theory of Multivariate Analysis. (3) II, in even years.~~

**TO:** ~~STAT 930. Theory of Multivariate Analysis. (3) On sufficient demand.~~

**RATIONALE:** This course is not offered on a regular basis, and there is not consistent demand for it.

**EFFECTIVE DATE:** Fall 2004

## CURRICULUM CHANGES

### *English Language Program*

**CHANGE:**

American Language and Culture Certificate Program. The American Language and Culture Certificate provides international students with an opportunity to improve their English skills, experience the American culture and educational system while earning a certificate through participation in academic course work. The interaction provides new insights and learning experience for both American and international students. The learning experiences gathered in the academic classes allow them to apply the language skills they have been polishing. In addition, the classes in the humanities and social sciences provide a background for the interpretation of the cultural experiences they encounter in their year in the U.S. The interactions with American students provide insight into the cultural knowledge they gather through academic study. Likewise, the American students benefit from the viewpoints on American culture brought by the international students. The certificate encompasses 24 hours of language/academic course work from three academic disciplines over two semesters (fall and spring).

**TO:**

American Language and Culture Certificate Program. The American Language and Culture Certificate provides international students with an opportunity to improve their English skills, experience the American culture and educational system while earning a certificate through participation in academic course work. The interaction provides new insights and learning experience for both American and international students. The learning experiences gathered in the academic classes allow them to apply the language skills they have been polishing. In addition, the classes in the humanities and social sciences provide a background for the interpretation of the cultural experiences they encounter in their year in the U.S. The interactions with American students provide insight into the cultural knowledge they gather through academic study. Likewise, the American students benefit from the viewpoints on American culture brought by the international students. The certificate encompasses 24 hours of language/academic course work from three academic disciplines over two semesters (fall and spring). The undergraduate certificate is open to both undergraduate and graduate students.

**RATIONALE:** The certificate program would enhance a graduate student's experience while here at K-State. The problem seems not to be one of admissibility or appropriateness but rather one of procedure. It would be a shame to prevent willing individuals who would like to broaden their knowledge and understanding of their experiences while here from participating in a program because of their classification.

The certificate is a generalized program of study designed to enhance an international student's experience while at K-State. This does not supercede or preclude activities in another program of study but would rather allow students to understand and appreciate more fully their experiences and activities while engaged in their studies.

If you look at the original goals of the certificate program, you will see that they apply to anyone wanting to understand the new environment within which they find themselves. The goals do not presuppose a certain age or level of expertise (other than language proficiency, which is also a requirement for graduate admission). Nor does the certificate guarantee a level of expertise in a specific area upon completion as a certificate in engineering or food safety might. Instead it describes a process of exploration and learning across a number of disciplines, the link being the greater understanding (and hopefully, appreciation) of the new environment. This understanding and knowledge can be used to further future professional and personal activities.

Furthermore, international graduate students come to study in the U.S. for a number of reasons, one of which (by default) is to develop their network of professional contacts and increase their professional

opportunities. Knowledge of the culture that they are interacting in is not an unrelated activity but rather a further exploration of their academic and professional relationships. Professions are global and any activity that allows individuals to participate within a new educational and cultural system more fully is not a peripheral but rather an integral component. Research and professional activities are no longer conducted on an institutional or national level but rather in the international arena. Any activity that allows a person to participate more fully can be seen as professional development. Professional development of this kind does not presuppose a specific categorization. An undergraduate student, a graduate student, or business executive can equally participate in the certificate program to develop the understanding of a new culture that will allow each of them to pursue their own goals better. To limit participation based on a classification that does not apply to the goals of the program is spurious. The purpose of education is to allow individual to pursue learning to enhance professional and personal objectives. The certificate program can do this for graduates as well as undergraduates.

**EFFECTIVE DATE:** Upon approval

**Division of Biology**

**CHANGE:**

~~Fisheries and wildlife biology~~

Students in this major may obtain either a B.A. or B.S. degree. In addition to the requirements of the College of Arts and Sciences, ~~fisheries and wildlife~~ biology majors must take the courses of Block A, Block B, and one of the three options of Block C as shown below. Students who wish to qualify for professional certification as a fisheries or wildlife biologist should consult their academic advisors about any additional courses needed for such certification.

**Block A: Courses offered by other departments**

SPCH 106	Public Speaking I	3
	One math course*	3-4
	Chemistry courses**	13
PHYS 113	General Physics I	4
		<b>and</b>
<del>PHYS 114</del>	<del>General Physics II</del>	<del>4</del>
	<b>or</b>	
PHYS 115	Descriptive Physics	4
<del>CIS 101-104</del>	<del>Applied computer science courses</del>	<del>4</del>
STAT 340	Biometrics I	3

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\*To be selected from among MATH 100, 150, or 220.  
 \*\*To be fulfilled by CHM 210, 230, 350, and 351 or by CHM 210, 230, and BIOCHM 265.

Students who plan to proceed into graduate programs should take MATH 220, CHM 210, 230, 350, and 351; and PHYS 113 and 114.

**Block B: Division of Biology courses**

BIOL 198	Principles of Biology	4
BIOL 201	Organismic Biology	5
BIOL 433	Wildlife Conservation	3
BIOL 450	Modern Genetics	4
BIOL 529	Fundamentals of Ecology	3
BIOL 632	Ecology Laboratory	1
	Plus at least two courses in the Division of Biology (400 level or above) totaling 5 hours or more	5

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**TO:**

Fisheries, wildlife, and conservation biology

Students in this major may obtain either the B.A. or B.S. degree. In addition to the requirements of the College of Arts and Sciences, fisheries, wildlife, and conservation biology majors must take the courses of Block A, Block B, and one of the three options of Block C as shown below. Each fisheries, wildlife, and conservation biology major will need to take an additional 10 to 18 hours of free electives to meet graduation requirements. Students who wish to qualify for professional certification as a fisheries or wildlife biologist should consult their academic advisors about any additional courses needed for such certification.

**Block A: Courses offered by other departments**

SPCH 106	Public Speaking I	3
	One math course*	3-4
	Chemistry courses**	13
PHYS 113-114	General Physics I <u>and</u> II	<u>8</u>
	<b>or</b>	
PHYS 115	Descriptive Physics	<u>5</u>
STAT 340-341	Biometrics I <u>and</u> II	<u>6</u>

\*To be selected from among MATH 100, 150, or 220.  
 \*\*To be fulfilled by CHM 210, 230, 350, and 351 or by CHM 210, 230, and BIOCH 265.

Students who plan to proceed into graduate programs should take MATH 220, CHM 210, 230, 350, and 351; and PHYS 113 and 114.

**Block B: Division of Biology courses**

BIOL 198	Principles of Biology	4
BIOL 201	Organismic Biology	5
BIOL 433	Wildlife Conservation	3
BIOL 450	Modern Genetics	4
BIOL 529	Fundamentals of Ecology	3
BIOL 632	Ecology Laboratory	1
<del>BIOL 640</del>	<del>Population Biology</del>	<del>3</del>
	Plus at least two courses in the Division of Biology (400 level or above, <u>or up to 2 hours of BIOL 365</u> ) totaling <u>6</u> hours or more	<u>6</u>

**Block C: Options**

**Fisheries biology option**

STAT 341	Biometrics II	3
BIOL 513	Physiological Adaptations of Animals	3
	<b>and</b>	
BIOL 514	Physiological Adaptations of Animals Lab	4
BIOL 542	Ichthyology	3
BIOL 612	Limnology	4
BIOL 682	Fish Ecology	3
BIOL 696	Fisheries Management	4

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**Wildlife biology option**

STAT 341	Biometrics II	3
AGRON 501	Range Management	3
AGEC 525	Natural Resource Economics	3
ENTOM 312	General Entomology	2
	<b>and</b>	
ENTOM 313	General Entomology Lab	4
BIOL 513	Physiological Adaptations of Animals	3
	<b>and</b>	
BIOL 514	Physiological Adaptations of Animals Lab	4
BIOL 543	Ornithology	3
BIOL 544	Mammalogy	3
BIOL 551	Taxonomy of Flowering Plants	4
BIOL 684	Wildlife Management	3
BIOL 685	Wildlife Management Techniques	3

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**Natural history option**

BIOL 551	Taxonomy of Flowering Plants	4
	<b>or</b>	
FOR 330	Dendrology I	2
	<b>and</b>	
FOR 340	Dendrology II	2
BIOL 542	Ichthyology	3
BIOL 543	Ornithology	3
BIOL 544	Mammalogy	3
BIOL 513	Physiological Adaptations of Animals	3
	<b>and</b>	
BIOL 514	Physiological Adaptations of Animals Lab	4
	<b>or</b>	
BIOL 500	Plant Physiology	4
Nine hours of biology electives (400 level or above)		9

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Hours from Block B may not be counted as part of Block C electives.

2 hours of upper-level credit can also be earned from BIOL 365.

**Block C: Options**

**Fisheries ecology and management option**

BIOL 513-514	Physiological Adaptations of Animals and Lab	4
BIOL 542	Ichthyology	3
BIOL 612	Limnology	4
BIOL 682	Fish Ecology	3
BIOL 696	Fisheries Management and Techniques	4
ENTOM 680	Aquatic Entomology	3

**Wildlife ecology and management option**

BIOL 513-514	Physiological Adaptations of Animals and Lab	4
BIOL 543	Ornithology	3
BIOL 544	Mammalogy	3
BIOL 551	Taxonomy of Flowering Plants	4
BIOL 684	Wildlife Management and Techniques	4

**Biodiversity and conservation biology option**

BIOL 513-514	Physiological Adaptations of Animals and Lab	4
	<b>or</b>	
BIOL 500	Plant Physiology	4
BIOL 585	Principles of Conservation Biology	3

**Courses from the following list: 11**

BIOL 542	Ichthyology	3
BIOL 543	Ornithology	3
BIOL 544	Mammalogy	3
BIOL 551	Taxonomy of Flowering Plants	4
BIOL 604	Biology of Fungi	4
ENTOM 312-313	General Entomology and Lab	3
FOR 330	Dendrology I	2
FOR 340	Dendrology II	2

**RATIONALE:** This curriculum change has been undertaken to fit current faculty teaching strengths and to modernize our curriculum.

**EFFECTIVE DATE:** Spring 2006

*School of Journalism and Mass Communications*

**CHANGE:**

**TO:**

**Radio-Television**

MC 110	Mass Communication in Society	3
MC 410	Writing for Electronic Media	3
MC 475	Concepts of Elect Media Production	3
<del>MC 490</del>	<del>Junior Seminar in Electronic Media</del>	<del>3</del>
MC 565	Law of Mass Communication	3
MC 595	Mass Communication Research	3
<del>MC 550</del>	<del>Radio-TV Internship</del>	<del>3</del>

**Select one of the following:**

<del>MC 570</del>	<del>Audio Techniques</del>	<del>3</del>
<del>MC 575</del>	<del>Multimedia Techniques</del>	<del>3</del>
<del>MC 580</del>	<del>Video Techniques</del>	<del>3</del>

**Select one of the following:**

MC 520	Advertising Sales	3
MC 655	Electronic Media Programming	3
MC 685	Electronic Media Management	3

Electives (at least 3 hours 500-level or above) ~~12-14~~

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**Electronic Media**

MC 110	Mass Communication in Society	3
MC 211	Writing for Electronic Media	3
MC 276	Concepts of Elect Media Production	3
MC 461	Web Techniques	3
MC 471	Audio Techniques	3
MC 481	Video Techniques	3
MC 385	Media Practicum	2
MC 491	Mass Communication Internship	1
MC 466	Law of Mass Communication	3
MC 396	Mass Communication Research	3

**Select one of the following:**

MC 421	Advertising Sales	3
MC 655	Electronic Media Programming	3
MC 685	Media Management	3

Electives (at least one 3 hours class 500-level or above)

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**RATIONALE:** This action reflects the following changes: 1) renaming the Radio-Television sequence with a title that is more inclusive of all forms of electronic communication, 2) faculty desiring to require majors to be proficient in audio, video and web production formats and 3) deleting a required course (MC 490 Junior Seminar) and instead requiring one hour of professional internship and two hours of media practicum.

**EFFECTIVE DATE:** Fall 2005

**ADD:**East Asian Studies minor

The East Asian Studies minor program is designed to provide students with a knowledge of and appreciate for East Asia's history, culture, economy and natural environment. Though only 8.8 percent of the world's land area, East Asia accounts for about a quarter of humanity. It is also undergoing drastic cultural, economic and social changes. The interdisciplinary minor affords students an opportunity to obtain an understanding of this important region and necessary language skills through a variety of courses.

Course Requirements

Students must have a minimum GPA of 2.0 to qualify for the minor. Twenty hours of designated course work with a grade of C or above for all courses are needed to complete the minor.

Required Language Courses (8 hours)

The minor requires that each student achieve mastery of Chinese or Japanese at the intermediate level, which is defined for the purpose of this minor as the level of Japanese III and IV or Chinese III and IV. Students are expected to have taken Japanese I and II (JAPAN 191 and JAPAN 192, or their equivalents) or Chinese I and II (CHINE 101 and CHINE 102 or their equivalents) before they take the third and fourth levels of language classes. Native speakers of Japanese or Chinese, and students who can demonstrate language proficiency at the fourth semester level may be exempt from taking the language courses. In such cases, students, after consulting the program director, may take additional elective courses to fulfill the total credit hour requirement of the minor.

The language courses that fulfill the minor requirements are listed as follows:

JAPAN 291. Japanese III  
JAPAN 292. Japanese IV  
JAPAN 591. Japanese V  
JAPAN 592. Japanese VI  
CHINE 201. Chinese III  
CHINE 202. Chinese IV

Elective Courses (12 hours)

ECON 507. The Japanese Economy  
GEOG 660. The Geography of East Asia/China  
HIST 330. History of East Asian Civilizations  
HIST 504. Intellectual History of Early China  
HIST 507. China Since 1644  
HIST 508. Introduction to Modern East Asia  
HIST 509. Japan Since 1550  
POLSC 511. Contemporary Chinese Politics

Successful completion of the East Asian Studies minor will be noted on the student's K-State transcript.

**RATIONALE:** The East Asian Studies minor program is designed to provide students with a knowledge of and appreciation for East Asia's history, culture, economy and natural environment. Though only 8.8 percent of the world's land area, East Asian accounts for about a quarter of humanity. It is not only a land of ancient cultures, fascinating peoples, and overwhelming natural beauty, but also a region that is undergoing dramatic cultural, economic and social changes. Many aspects of East Asia's culture, economy, and history have long been subjects of academic inquiries. Establishing an interdisciplinary East Asian Studies minor at K-State will afford students an opportunity to acquire the knowledge and language skills needed not only to understand this increasingly important region of the world but also to play a role in strengthening the ties between the United States and East Asian countries such as Japan and China.

The East Asian Studies minor will be offered in the College of Arts and Sciences, though faculty from other colleges may participate and offer related courses that contribute to the mission of the program. Eighteen East Asia-related courses already exist in the Departments of Economics, Geography, History, Modern Languages, and Political Science. They will form the basis for this interdisciplinary minor. The faculty of the minor program are committed to develop new courses to expand the course offerings.

**EFFECTIVE DATE:** Fall 2005