

**Proposed Course Additions, Deletions and Changes
List #2 – Fall 2007**

SCHOOL OF ARTS AND HUMANITIES

Course Deletions:

AMCS 201 Career Plan-non Trad Students

Justification: Course no longer offered.

AMCS 315 Ehtnic music and Dance

Justification: Course no longer offered.

AMCS 335 Demog/Geogr Of Cult. Diver.

Justification: Course no longer offered.

AMCS 435 Ethnicity and the Life Cycle

Justification: Course no longer offered.

AMCS 450 Multicultural Resources Devop.

Justification: Course no longer offered.

CALS 459 Bilingual General Science

Justification: this class is being permanently canceled because it is now merged into the new 460.

Course Additions:

Note: All AMCS courses changed approved by EPC, Academic Senate, Provost and President in Spring 2007.

AMCS 374 The Multiracial Experience

Units: 4

CS#: 2

A general survey of the historical and contemporary experience of people claiming more than one racial or ethnic background. Emphasis will be given to interracial relations, political and social factors, and the cultural expressions of the multiracial experience.

Justification: Addresses gaps in course offerings and responds to changes in the discipline.

AMCS 430 Topics in Multicult. History

Units: 4

Subjects will vary by semester, but this course will concentrate on topics and periods in American Multicultural History. Students will be required to do a research project in this

course. Students will also be asked to review primary documents in American Multicultural history. May be repeated for credit with instructor's permission.
Justification: Addresses gaps in course offerings and responds to changes in the discipline.

AMCS 470 Adv. Stu. In Ethc. Cult.(sub) Units: 4
CS#: 2

A course enabling students to conduct in-depth studies of specific areas of ethnic life and culture. Topics subject to change. May be repeated for credit with instructor's permission.

Justification: Addresses gaps in course offerings and responds to changes in the discipline.

Course Changes:

AMCS 200 Race, Ethnicity & Multicultural

Change Title: To: Written and Oral Analysis

Justification: Title reflects GE area of course.

AMCS 255 Ethnicity in the Humanities

Change Description: A general survey of the major artistic and expressive developments in the United States with reference to native ethnic populations. An assessment of how race and ethnicity are represented in the arts, media, and popular culture. May be taught with a focus on a single racial or ethnic group. Satisfies GE, Category C4.

Justification: Description modified to reflect focus change.

AMCS 330 Ethnicity and History

Change Title: To: Multicultural American History

Change Description: A survey of the origins and histories of a wide range of racial and ethnic groups in the United States that will explore the social, economic, and political evolutions of various groups to understand their positions in the United States today.

Course focuses on racial and ethnic identity development.

Change Units: From 3 to 4.

Justification: To conform to 4 unit module.

AMCS 331 Ethnic History in Cali.

Change Units: From 3-4 to 4.

Change Description: A historical examination of the major ethnic and racial groups in California and their influence on the Californian present and future. This course will look at environmental, social, demographic, geographical, sexual, political, and economic issues specific to California and its minority populations.

Justification: To conform to 4 unit module.

AMCS 345 Folklore and Ethnicity

Change Units: From 3 to 4.

Justification: Conform to 4 unit module.

AMCS 350 Eth. Val. And Multicult.

Change Description: An examination of how issues of race and ethnicity affect the values and ethics of American society and its citizens. Students will be expected to assess how their views about race have been influenced by their upbringing. May be taught as a general survey or with a focus on a single racial or ethnic group. Satisfies GE, Area C3.

Justification: Better reflects nature of course.

AMCS 355 Language and Ethnicity

Change Course Number: To AMCS 365

Justification: Change in number to reflect new course sequencing.

AMCS 376 Pan-African Cultures

Change Title: To: African American Experience

Change Units: From 3 to 4.

Change Description: A historical examination of the African American experience from the pre-colonial period to the present. This course asks students to use historical analysis to understand race relations in the 21st century.

Justification: Reflects substance of course.

AMCS 377 Asian American Experience

Change Units: From 3 to 4.

Justification: To conform to 4 unit module.

AMCS 392 Eth. Images in Film and Media

Change Course Number: To AMCS 355

Change Title: To: Ethnic Images on Film

Justification: Title more clearly reflects course content.

AMCS 405 Ethnic Families in America

Change Title: To: Black Families in America

Change Units: From 3-4 to 4.

Change Description: Using sources from a wide range of disciplines, students will review and assess major cultural themes surrounding black family life. Students will be expected to explore how these narratives reflect larger issues of race and ethnicity in the United States.

Justification: To conform to 4 unit module. Title more clearly reflects course content.

AMCS 420 Sexism & Racism in the U.S.

Change Title: To: Gender and Ethnicity

Change Units: From 3-4 to 4.

Change Description: A historical overview of racism and sexism as they affect women of color, focusing on issues in which racism and sexism intersect, e.g. affirmative action, sterilization, violence against women, and other issues. Cross-listed with WGS 375.

Topics subject to change.

Justification: Blending two courses.

AMCS 425 Men/Women & Power in Interp.

Change Title: To: Globaliz. And Race in the U.S.

Change CS#: From 2 to 5

Change Units: From 3-4 to 4.

Change Description: The United States, as one of the destination countries of diasporic peoples in this era of globalization, has often responded to the crises of globalization through racialization. This course emphasizes the importance of understanding this crisis and explores the possibilities of creating anti-racist strategies and new social movements.

Justification: Addresses gaps in course offerings and responds to changes in the discipline.

AMCS 432 Health and Culture

Change Units: From 3-4 to 4.

Justification: To conform to 4 unit module.

AMCS 445 Multiculturalism and Education

Change Units: From 3 to 4.

Justification: To conform to 4 unit module.

AMCS 455 Civil Rights & Hum. Rights Law

Change Course Number: AMCS 439

Change Units: From 3 to 4.

Justification: To conform to 4 unit module.

AMCS 460 Multiethnic Children's Lit.

Change Units: From 3 to 4.

Justification: To conform to 4 unit module.

AMCS 466 Sel. Topics in Afric. Am. Stu.

Change Description: A course designed to explore areas of contemporary, historical, or artistic concern as they affect the African American experience. Advanced studies and/or research projects will be discussed and analyzed. Subject matter will vary. Course may be repeated for credit with instructor's permission.

Change Units: From 3-4 to 4.

Justification:

AMCS 467 Sel. Topics in Asian Am. St.

Change Course Number: AMCS 477

Change Units: From 3-4 to 4.

Justification: To conform to 4 unit module.

AMCS 475 Senior Seminar

Change Course Number: AMCS 485

Change Units: From 2-4 to 4.

Change Description: Directed studies in a seminar setting on a particular topic or theme. Combines secondary reading and original research leading to the completion of a research project. Topics vary by semester.

Justification: Course number changed to avoid confusion.

AMCS 475H Senior Honors

Change Course Number: AMCS 487

Change Title: To: Senior Thesis

Change Units: From 2-4 to 4.

Change Description: Students in the major, with faculty supervision, may elect to write a thesis in order to qualify for graduation with distinction in American Multicultural Studies. Prerequisite: AMCS 480.

Justification: Description change to reflect appropriate prerequisite.

AMCS 480 Research and methodology

Change Description: Survey of research and methodological tools used in the study of American ethnic groups. Special attention is given to the problems of objectivity and bias and the political and moral implications of quantitative and field research.

Justification: Revise description.

ARTH 490H Pro-Seminar in Art Hist Method

Change Units: From 3 to 3-4.

Justification: The course now requires a one unit senior research paper.

CALS 460 Bilingual Fundamentals of Math

Change Title: To: Cross-Cultural Math and Science for Teachers

Change Description: Taught in Bilingual format, this course helps prospective teachers prepare for the classroom, providing linguistic and cultural depth and strategies in basic science areas and math concepts including number systems and problem-solving, metrics, geometry, probability and statistics. Prerequisites: Functional Spanish language skills and completion of GE math and science (areas B1 and B2) requirements.

Justification: This new class merges both the previous CALS 460, and the CALS 459, to create one newer, updated class for future teachers.

ENGL 491 Advanced Composition Studies

Change Title: To: Seminar in Teaching Composition

Justification: New title better reflects course's content and purpose.

LIBS 402

Change Units: From 4 to 3.

Justification: With a 1 unit auto-enrolled CS 36, total units for students is 4. This is the way the class works.

MUS 353 Indian Singing Ensemble

Change CS#: From 10 to 21.

Justification: All music ensemble courses have been changed to CS# 21 to generate correct WTU's for faculty member.

SCHOOL OF EDUCATION

Course Changes:

EDUC 575A Seminar in Action Research

Change Title: To: Conducting Research on Teaching

Change Units: From 3-4 to 3.

Change Description: This is the second of three courses that support teachers working toward National Board certification. It is also intended for any student interested in conducting research on teaching using the National Board research framework. Students examine exemplary teaching practices and learn about strategies for research, self-assessment, and reflection on teaching practice. Using their own classrooms as sites for ongoing research, students apply various research methodologies and engage in data collection through observation, videotaping, and examination of artifacts. In addition, students analyze data and share findings through descriptive, analytical, and reflective writing. Those pursuing National Board certification will also focus on analysis and assessment of national Board portfolio entries, and develop action plans for their National Board portfolios. The units from this course can be applied to an M.A. degree in Education at Sonoma State University.

Justification: New title, description, and unit load reflect changes in course syllabus including topics shifted from EDUC 574 to this course.

EDUC 575B Seminar in Action Research

Change Title: To: Conducting Research on Teaching

Change Units: From 3-4 to 4.

Change Description: This is the second of three courses that support teachers working toward National Board certification. It is also intended for any student interested in conducting research on teaching using the National Board research framework. Students examine exemplary teaching practices and learn about strategies for research, self-assessment, and reflection on teaching practice. Using their own classrooms as sites for ongoing research, students apply various research methodologies and engage in data collection through observation, videotaping, and examination of artifacts. In addition, students analyze data and share findings through descriptive, analytical, and reflective writing. Those pursuing National Board certification will also focus on analysis and assessment of national Board portfolio entries, and develop action plans for their National Board portfolios. The units from this course can be applied to an M.A. degree in Education at Sonoma State University.

Justification: New title, description, and unit load reflect changes in course syllabus including topics shifted from EDUC 574 to this course.

SCHOOL OF SOCIAL SCIENCES

Course Additions:

ENSP 307 Environmental History Units: 4
Grade Mode: Grade

History of the American environment and the ways in which different cultural groups have perceived, used, managed, and conserved it from colonial times to the present. Changes in attitudes and behaviors toward nature and the conservation/environmental movements are also examined.

Justification: New course.

Course Changes:

GERN 515 Graduate Research Seminar

Change CS#: From 26 to 5.

Justification: To better represent the instructor/student work being done in the classroom.

ENSP 302 The Biological Environment

Change Title: To: Applied Ecology

Justification: A more contemporary and descriptive title (previous title too vague)

PSY 237 Careers in Psychology

Change Course Number: To PSY 313

Justification: We would like to offer this as an upper-division course to be used to satisfy upper-division requirements for the psychology major.

PSY 496 Psychology Tutorial

Change Grade Mode: From Student Option to CR/NC.

Justification: This course has been offered as CR/NC only for students—we were unaware it was not in the Master Catalog.

SCHOOL OF SCIENCE AND TECHNOLOGY

Course Deletions:

CS 250 Comp. Org.: Hardware

Justification: This MCCForm implements part of the approved BS in CS curriculum revision approved by the SST Chairs, EPC, and Faculty Senate in Fall 2006. CS 250 is removed from the CS program.

KIN 201 Foundations of Kinesiology

Units: 3
Grade Mode: Graded

This course is designed to orient students to kinesiology as a field of study. Students will be exposed to multiple disciplines within kinesiology. By engaging in discussions, activities, and field observations, students will explore and become prepared to select a career path within the field.

Justification: Supporting Course to fulfill major objectives and response to student request.

Course Changes:

CS 115 Programming I

Change CS#: From 4, 13 to 4, 16.

Change Description: Lecture, 3 hours; laboratory, 3 hours. An overview of computer organization; arithmetic and logical expressions, decision and iteration, simple I/O; subprograms; principles of good programming style, readability, documentation, structured programming concepts; top-down design and refinements; techniques of debugging and testing. Use of the above concepts will be implemented in a standard high-level programming language. Satisfies GE, category B3. Prerequisite: GE math eligibility or consent of instructor.

Justification: This MCCForm implements part of the approved BS in CS curriculum revision approved by the SST Chairs, EPC, and Faculty Senate in Fall 2006. This course is changing from 4-unit (3 hour lecture, 2 hour lab) format to 4-unit (3 hour lecture, 3 hour lab) format.

CS 215 Programming II

Change Units: From 3 to 4.

Change CS #: From 4, 13 to 4, 16.

Change Description: Lecture, 3 hours; laboratory, 3 hours. Pointers and dynamic allocation of storage; linked lists; an introduction to the object oriented programming (OOP) paradigm; classes and objects; encapsulation; member variables and member functions; inheritance and polymorphism; scoping; templates; iterators; error handling techniques. Prerequisites: CS 110 and 115, or consent of instructor.

Justification: This MCCForm implements part of the approved BS in CS curriculum revision approved by the SST Chairs, EPC, and Faculty Senate in Fall 2006. This course is changing from 3-units (2 hour lecture, 2 hour lab) format to 4-units(3 hour lecture, 3 hour lab) format.

CS 315 Data Structures

Change Units: From 3 to 4.

Change CS#: From 4, 13 to 4, 16.

Change Description: Lecture, 3 hours; laboratory, 3 hours. This course introduces the concept of the organization of data into different structures to support the efficient implementation of computer algorithms. The emphasis of the course is on the internal representation of the elementary and intermediate data structures, their time and space

requirements, and their applications. A second component of the course is the study of more advanced features of object oriented programming. Prerequisite: CS 215 or consent of instructor.

Justification: This MCCForm implements part of the approved BS in CS curriculum revision approved by the SST Chairs, EPC, and Faculty Senate in Fall 2006. This course is changing from 3-units (2 hour lecture, 2 hour lab) format to 4-units (3 hour lecture, 3 hour lab) format.

CS 351 Computer Architecture

Change Units: From 3 to 4.

Change Description: Lecture, 4 hours. Instruction set design; stages of instruction execution, data and control path design; CISC, RISC, stack architectures; pipelining; program optimization techniques, memory hierarchy: cache models and design issues, virtual memory and secondary storage; I/O interfacing; advanced topics to include some of the following: parallel architectures, DSP or other special purpose architecture, FPGA, reconfigurable architecture, asynchronous circuit design. Prerequisites: CS 215 and CS 252, or consent of instructor.

Justification: This MCCForm implements part of the approved BS in CS curriculum revision approved by the SST Chairs, EPC, and Faculty Senate in Fall 2006. This course is changing from 3-units (3 hour lecture) format to 4-units (4 hour lecture) format.

CS 355 Database Manage. Syst. Design

Change Units: From 3 to 4.

Change CS #: From 4, 13 to 4.

Change Description: Lecture, 4 hours. This course focuses on the theoretical as well as the practical aspects of modern database systems. Topics include the study of the entity-relationship (E/R) model, relational algebra, data normalization, XML as a semi-structured data model, data integrity and database administration. Current tools and technology are used to create and manipulate sample databases. Prerequisite: CS 215 or consent of instructor.

Justification: This MCCForm implements part of the approved BS in CS curriculum revision approved by the SST Chairs, EPC, and Faculty Senate in Fall 2006. This course is changing from 3-units (2 hour lecture, 2 hour lab) format to 4-units (4 hour lecture) format.

CS 370 Software Design and Development

Change Units: From 3 to 4.

Change CS #: From 4, 13 to 4.

Change Description: Lecture, 4 hours. Techniques of software design and development. Software lifecycle, requirements, formal specification, metrics, design, functional and structural testing, rapid prototyping, complexity, version control, and team management. Software metrics, tools for component based software development. Prerequisite: CS 215 or consent of instructor.

Justification: This MCCForm implements part of the approved BS in CS curriculum revision approved by the SST Chairs, EPC, and Faculty Senate in Fall 2006. This course

is changing from 3-units (2 hour lecture, 2 hour lab) format to 4-units (4 hour lecture) format.

CS 415 Algorithm Analysis

Change Units: From 3 to 4.

Change Description: Lecture 4 hours. A study of the design and analysis of algorithms, with an emphasis on execution and storage efficiency. Topics will include algorithms for searching and sorting, hashing, exploring graphs, integer and polynomial arithmetic. Foundations in recurrence relations, combinatorics, probability, and graph theory as used in algorithm analysis are covered. Standard design techniques such as divide-and-conquer, greedy method, dynamic programming, heuristics and probabilistic algorithms along with NP-completeness and approximation algorithms are included. Prerequisite: CS 315, or consent of instructor.

Justification: This MCCForm implements part of the approved BS in CS curriculum revision approved by the SST Chairs, EPC, and Faculty Senate in Fall 2006. This course is changing from 3-units (3 hour lecture) format to 4-units (4 hour lecture) format.

CS 450 Operating Systems

Change Units: From 3 to 4.

Change CS#: From 4, 13 to 4.

Change Description: Lecture, 4 hours. Course covers the fundamental concepts of operating system design and implementation. Topics will include: Multiprogramming and timesharing systems; concurrent programming; scheduling policies; resource management; security; virtual machine implementations; I/O subsystems and drivers, and systems programming fundamentals. Prerequisites: CS 252 and 315, or consent of instructor.

Justification: This MCCForm implements part of the approved BS in CS curriculum revision approved by the SST Chairs, EPC, and Faculty Senate in Fall 2006. This course is changing from 3-units (2 hour lecture, 2 hour lab) format to 4-units (4 hour lecture) format.

CS 454 Theory of Computation

Change Units: From 3 to 4.

Change Description: Lecture, 4 hours. Mathematical study of the types of problems that can and cannot be solved by computers. Abstract mathematical models of computing devices and language specification systems. Classification of computer-solvable problems. Prerequisite: CS 315, or consent of instructor.

Justification: This MCCForm implements part of the approved BS in CS curriculum revision approved by the SST Chairs, EPC, and Faculty Senate in Fall 2006. This course is changing from 3-units (3 hour lecture) format to 4-units (4 hour lecture) format.

CS 460 Programming Languages

Change Units: From 3 to 4.

Change CS #: From 4, 13 to 4.

Change Description: Lecture, 4 hours. A survey of the syntactic, semantic, and implementation features of functional, procedural, object-oriented, logic and concurrent programming languages. Prerequisites: CS 252 and 315, or consent of instructor.

Justification: This MCCForm implements part of the approved BS in CS curriculum revision approved by the SST Chairs, EPC, and Faculty Senate in Fall 2006. This course is changing from 3-units (2 hour lecture, 2 hour lab) format to 4-units (4 hour lecture) format.

[This course should have appeared on List #2 – Spring 2007]

SCHOOL OF EDUCATION

Course Changes:

EDMS 471 Teaching Social Studies in a Multicultural Society

Change Description: Examination of multicultural approaches, activities, and materials integrating Social Studies with other elementary school subjects. Candidates research and develop History and Social Studies units, based on History-Social Science Content Standards. They employ technology and a range of learning strategies in addressing the cultural and learning needs of all students.

Justification: The current course description is inaccurate. It does not reflect the text approved by the department.