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## CURRICULUM COMMITTEE RECOMMENDATION

SR-04-05-(35) 92 CC

Recommends approval of the listed **COURSE CHANGES** for the following colleges and/or schools:

- **COLLEGE OF EDUCATION & HUMAN SERVICES**

FCS 202 Food Science Principles

Change in title to: Food & Nutrition Concepts

Rationale: Previous course title did not indicate emphasis on nutrition in selection, preparation and service.

**-AND-**

Change in catalog description: **FROM:** Principles of food selection, preparation, and preservation (PR: FCS Majors only) **TO:** Principles of food selection, preparation, and service with an emphasis on sensory and nutrition quality. Food safety and sanitation handling are included.

Rationale: Include quality characteristics. Remove prerequisite.

FCS 203 Meal Management

Change in title to: Mealtime in the USA

Rationale: None provided.

**-AND-**

Change in catalog description: **FROM:** Problems in planning, preparing, and serving nutritionally adequate meals. Emphasis on management of time, money, and energy. (PR: FCS 110 or 202) **TO:** Problems in planning, preparing, and serving nutritionally adequate meals for individuals and families with today's lifestyles. Emphasis on effective and efficient use of resources. (PR: FCS 110 or 202).

Rationale: Reflects the central theme of Family & Consumer Sciences.

FCS 259 Visual Merchandising

Change in title to: Aesthetics for Living

Rationale: This title better reflects the course content as the course includes study of environments broader than merchandising.

FCS 306 Instructional Methods

Change in title to: Foundations of Professional Practice

Rationale: The course addresses presentation of knowledge in many forms beyond instruction – including formal and informal, written and oral and multimedia forms along with appropriate behavior for the professional.

**-AND-**

Change in catalog description: **FROM:** Professional role; objectives; methods, materials, evaluations; planning educative programs for varied learners in various settings (PR: For Education majors only, EDF 319 & FCS 305 CR: For Education majors only CI 470) **TO:** Role, objectives, ethics, communication strategies and practices for leading and educating families and consumers.

Rationale: Eliminate prerequisites and more accurately reflect breadth of course content.

FCS 435 Administration of Day Care Centers

Change in title to: Administration of Early Child Programs

Rationale: "Early Childhood Programs" is an inclusive description. "Day Care Centers" is only one type of program. This course includes the full range of programs and children served.

**-AND-**

Change in catalog description: **FROM:** Instruction and practice in the development of day care centers for 3 and 4 year old children and administration of programs in these centers. Laboratory participation required. (PR: FCS 303) **TO:** Administration of early childhood programs serving infants, toddlers and preschool children. (CR: FCS 472).

Rationale: When the course was originally created child development programs served primarily preschool children; current programs serve infants through preschool. Students no longer have a laboratory requirement because of the co-requisite internship, FCS 472.

- **COLLEGE OF LIBERAL ARTS**

CJ 301 Advanced Legal Research

Change in title to: Advanced Legal Research & Writing

Rationale: New title is more descriptive of the course content.

**-AND-**

Change in course number: **FROM:** CJ 301 **TO:** CJ 423

Rationale: New course number is more consistent with academic rigor of the course. Course is also a capstone course for Legal Studies students.

**-AND-**

Change in catalog description: A minor change of the prerequisite from LAS 211 to LAS 212 or permission. Another minor change is the addition of a CR for CJ majors: CJ 492.

CJ 402 Seminar in Crime Prevention

Change in course number: **FROM:** CJ 402 **TO:** CJ 453

Rationale: Aligns course number with new concentration in Private Security.

**-AND-**

Change in catalog description: **FROM:** Techniques for crime prevention analyzed from two orientations: crime prevention by environmental engineering and crime prevention by behavior modification. **TO:** This course examines theory, operation, and evaluation of crime prevention as a function of the criminal justice system. Techniques for crime prevention are analyzed from various orientations, including environmental design. Prerequisite: CJ 351

Rationale: Brings course description in line with literature and changes Prerequisite.

CJ 404 Theoretical Criminology

Change in catalog description: Minor change to add CR for CJ majors: CJ 492.

CJ 410 Police Administration II

Change in title to: Police Administration

Rationale: The Department has proposed deletion of CJ 311: Police Administration I, so there is no need for the designation Police Administration II.

**-AND-**

Change in catalog description: **FROM:** Functions and activities of police agencies. Police department organizations, responsibilities of upper level administrators. Current administrative experimentation on law enforcement agencies. **TO:** This course studies the functions and activities

of police agencies, including police department organizations and responsibilities of police administrators. Current administrative and management techniques and theories are also explored.

Prerequisite: CJ 211 and CJ 300 or CJ 311.

Rationale: Minor changes grammatical changes to the current description.

CJ 413 Business & Industrial Security

Change in course number: **FROM:** CJ 413 **TO:** CJ 450

Rationale: The new course number is consistent with the new designation of courses within the Private Security area of concentration.

**-AND-**

Change in catalog description: Add to existing description: CJ majors only.

CJ 421 Corrections & the Law

Change in catalog description: **FROM:** Review of criminal law principles and theory as related to corrections. Prerequisite: CJ 231 **TO:** Review of legal principles relating to convicted criminals, including plea negotiations, sentencing, post-conviction remedies, constitutional rights of inmates, and conditions of confinement. Prerequisite: CJ 200 or 321

Rationale: Current description is incomplete. New description accurately describes course content.

- **COLLEGE OF SCIENCE**

BSC 452 Molecular Biology Lab Techniques

Change in course content: **FROM:** Hands-on laboratory course teaching techniques. **TO:** Hands-on laboratory course teaching techniques with additional time spent on theoretical approaches and writing.

Rationale: This is an appropriate content change to enhance student understanding of techniques and their applications.

**-AND-**

Change in credit hours: **FROM:** 2 **TO:** 3

Rationale: The 1 credit hour increase is necessary to allow sufficient instruction time for theory of molecular techniques in addition to performing the procedures. This becomes increasingly important to our new curriculum since this class will give foundation for the 400 level courses for the Cell/Molecular Biology major.

IST 263 Web and Java Programming

Change in title to: Web programming

Rationale: This change makes this course fit better with the mission of the department and reflects an update in the ever changing Information Technology discipline, and the needs of employers of IST graduates.

**-AND-**

Change in catalog description: **FROM:** Students will learn techniques for creating advanced documents and programs for the web using HTML, XML, Java, and ASP scripting. Students will also learn how to install and maintain a web server. **TO:** Students will learn techniques for creating advanced documents and programs for the web using HTML, DHTML, XML, JavaScript, and PHP scripting. Students will also learn how to install and maintain a web server.

Rationale: Minor changes.

## IST 336 Digital Logic and Computer Architecture

Change in credit hours: **FROM:** 3 **TO:** 4

Rationale: This course will have a lab to it so that concepts learned in course can be practiced and demonstrated in a computer laboratory setting. This causes this course to better fit the mission of the department and covers the ever changing needs of Information Technology employers of IST graduates.

## IST 337 Network Operating Systems

Change in title to: Operating Systems

Rationale: This change makes this course fit better with the mission of the department and reflects an update in the ever changing Information Technology discipline, and the needs of employers of IST graduates.

## IST 423 Applied Environmental Statistics and Database Management

Change in title to: GIS and Data Systems

Rationale: IST 423 was originally designed to integrate data system management with statistical analysis. However, ES students will in the future be taking statistics through an "Applied Statistics" class developed and taught by Dr. Laura Adkins. The course developed by Dr. Adkins will better serve Environmental Science students and eliminate a possible redundancy. This change allows us to remove a potential redundancy and at the same time change this course to meet a deficiency. Practitioners of Environmental Science at entry level must be proficient in the organization of data into proper tabular form, the linking of tabular data into a retrievable format, and the relating of these data to geographic images. At a practical level, this means that Environmental Science students must be able to create functioning databases and relate them into GIS format. This is the specific function of the course change requested.

**-AND-**

Change in content: **FROM:** Integrated of Scientific data with statistical analysis. **TO:** Integrated of Scientific data with GIS.

Rationale: ES students will in the future be learning statistics through an "Applied Statistics" class.

**-AND-**

Change in catalog description: **FROM:** Course integrates current methods in database management, statistical analysis, and hypothesis testing to assess the significance of anthropogenic effects on environmental quality. Prerequisite: Course in introduction to statistics. **TO:** Course focuses on the relationships among the scientific method, data structures, and geographic images. Students relate hypothesis formation and databases through the development of ARCMAP documents.

Rationale: Environmental Science students must be able to create functioning databases and relate them into GIS format.

## MTH 331 Linear Algebra

Change in credit hours: **FROM:** 3 **TO:** 4

Rationale: This represents a shift of one credit hour from the capstone course MTH 491. It was felt that this course needs an extra hour so that all of the topics could be taught and learned.

## MTH 445 Theory of Statistics I

Change in title to: Probability and Statistics I

Rationale: The new title better reflects the content of the sequence MTH 445-446. The name of MTH 446 will also change. The course description in the catalog will be split into separate entries.

**-AND-**

Change in catalog description: **FROM:** Probability spaces conditional probability, and applications. Random variables, distributions, expectation, and moments. Statistical inference: estimation of parameters, tests of hypotheses. Regression, analysis of variance. Prerequisite: MTH 230 for 445, MTH 445 for 446. **TO:** Probability spaces, conditional probability, and applications. Random variables, distributions, expectation, and moments. Prerequisite: MTH 230.

Rationale: Split the description with MTH 445-446 into separate descriptions for MTH 445 and MTH 446.

MTH 446 Theory of Statistics II

Change in title to: Probability and Statistics II

Rationale: The new title better reflects the content of the sequence MTH 445-446. The name of MTH 445 will also change. The course description in the catalog will be split into separate entries.

-AND-

Change in catalog description: **FROM:** Probability spaces conditional probability, and applications. Random variables, distributions, expectation, and moments. Statistical inference: estimation of parameters, tests of hypotheses. Regression, analysis of variance. Prerequisite: MTH 230 for 445, MTH 445 for 446. **TO:** Statistical inference: estimation of parameters, tests of hypotheses. Regression, analysis of variance. Prerequisite: MTH 445.

Rationale: Split the description with MTH 445-446 into separate descriptions for MTH 445 and MTH 446.

MTH 448 Fundamental Concepts of Modern Geometry

Change in title to: Modern Geometries

Rationale: The prefix "Fundamental Concepts of" is deceptive for a 400 level course and does not describe the course. The plural form is more accurate and descriptive. The new title will fit better in Banner-generated forms, including student transcripts.

MTH 491 Senior Seminar

Change in credit hours: **FROM:** 3 **TO:** 2

Rationale: This represents a shift of one credit hour to the required course MTH 331. Currently the seminar runs as a hybrid special topics and seminar course. This does not function well. This change will make this more of a capstone course, as envisioned for the Marshall Plan and by the Mathematical Association of America's Committee on the Undergraduate Program in Mathematics.

**FACULTY SENATE CHAIR:**

APPROVED

BY SENATE:

*Larry Stickle*

DATE:

*4/18/2005*

DISAPPROVED

BY SENATE:

DATE:

**UNIVERSITY PRESIDENT:**

APPROVED:

*John Farrell*

DATE:

*4/18/2005*

DISAPPROVED:

DATE:

**COMMENTS:** \_\_\_\_\_  
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