

**REPORT: COMMITTEE ON CURRICULA AND COURSES**  
(For consideration by the Faculty Senate at its April 26, 2005 meeting.)

The Committee requests that any department which has a proposal being recommended by the Committee on Curricula and Courses provide a spokesperson to attend the Faculty Senate meeting in which said proposal is to be recommended. Please contact Victor Giurgiutiu (Mechanical Engineering) in advance if errors are noted, either by phone: 777-8018 or e-mail: [victorg@sc.edu](mailto:victorg@sc.edu)

**1. COLLEGE OF ARTS AND SCIENCES**

**A. Department of Art**

**New courses**

- ARTE 471 Directed Teaching in Art. (12) (Prereq: completion of coursework in art education, admission to Professional Program, College of Education, and FBI check) Students seeking K-12 certification in art participate in directed teaching in elementary and secondary art programs while being supervised by an art education faculty member. Students are evaluated using a state mandated assessment tool.  
Restricted to: Art Education Majors  
Excluded: Anyone who does not meet stated prerequisites.
- ARTE 525 Elementary Methods for K-12 Art Certification. (3) (Prereq: Art Education Majors) Curriculum, methods, and materials for teaching art to elementary and preschool children.  
Restricted to: Art Education Majors

**Change in curriculum, printed in Undergraduate Bulletin 2004-05, page 115**

<u><b>Current</b></u>	<u><b>Proposed</b></u>
<b>Bachelor of Fine Arts in Art Education</b>	<b>Bachelor of Fine Arts in Art Education</b>
2. Certification Requirements (38 hours)	2. Certification Requirements ( <b>37</b> hours)
The following professional courses in education are required for all students preparing to teach art in high schools.	The following professional courses in education are required for all students preparing to teach art in <b>K-12 settings</b> .
EDUC 300, 401, 402 (9 hours)	EDUC 300, 401, 402 (9 hours)
EDRD 500 (1 hour)	ARTE 350, 465**, <b>525</b> , 530, 540, 541 (16 hours)
ARTE 350, 465**, 520, 530, 540, 541 (16 hours)	<b>ARTE 471**</b> (12 hours)
EDSE 471** (12 hours)	

** Block courses—EDSE 471 and ARTE 465 are taken in the last year of study.	** Block courses – ARTE 471 and 465 are taken in the last year of study.
---	--

## B. Program of Film Studies

### New course

FILM 180 Film Culture. (3) How the film industry developed and the impact the movies have had on global popular culture. Does not count toward the Film Studies major.

## C. Department of Mathematics

Change in curriculum, printed in Undergraduate Bulletin 2004-05, pages 223-224

<u>Current</u>	<u>Proposed</u>
<p><b>Degree Requirements</b> (128 hours)</p> <p><b>1. General Education Requirements (43-54)</b> The following courses fulfill some of the general education requirements, as well as some of the requirements of certain cognates and minors. These courses must be completed for the B.S. degree in mathematics: MATH 141, 142, and 241 (<del>each with a grade of C or better</del>); CSCE 145. In addition, one of the following sequences must also be completed: (i) STAT 511 {= MATH 511} and STAT 512; (ii) either STAT 509 or STAT 515, and either STAT 516 or CSCE 146. Mathematics majors may use MATH 141, 142, and CSCE 145 to fulfill Group II of the general education requirements, MATH 511 {= STAT 511} (with a grade of C or better) for major credit, and STAT 509, 512, 515, and 516 for cognate or minor credit. Only one of STAT 509 and STAT 515 may be used for cognate or minor credit. For an outline of other general education requirements, see "College of Science and Mathematics."</p> <p><b>2. Major Requirements</b> A grade of C or better is required in each major course and in each of MATH 141, 142, and 241. Students may enroll in each major course</p>	<p><b>Degree Requirements</b> (128 hours)</p> <p><b>1. General Education Requirements (43-54)</b> The following courses fulfill some of the general education requirements, as well as some of the requirements of certain cognates and minors. These courses must be completed for the B.S. degree in mathematics: MATH 141, 142, and either 241 <u>or 250 (preferred)</u>, each with a grade of C or better; CSCE 145. In addition, one of the following sequences must also be completed: (i) STAT 511 {= MATH 511} and STAT 512; (ii) either STAT 509 or STAT 515, and either STAT 516 or CSCE 146. Mathematics majors may use MATH 141, 142, and CSCE 145 to fulfill Group II of the general education requirements, MATH 511 {= STAT 511} (with a grade of C or better) for major credit, and STAT 509, 512, 515, and 516 for cognate or minor credit. Only one of STAT 509 and STAT 515 may be used for cognate or minor credit. For an outline of other general education requirements, see "College of Arts and Sciences."</p> <p><b>2. Major Requirements</b> A grade of C or better is required in each major course and in each of MATH 141, 142, and <u>either 241 or 250</u>. Students may enroll in each</p>

<p>and in each of MATH 141, 142, and 241 a maximum of two times. Either MATH 526 or MATH 544 may be used for credit but not both. The student may repeat a maximum of three mathematics courses.</p> <p><b>Cognate or Minor for Nonmajors</b> Students with majors in other departments may effectively supplement their major program of study by selecting a cognate or minor in mathematics.</p> <p><b>Cognate in Mathematics.</b> Most courses in mathematics numbered 241 and above may be used for cognate credit.</p> <p><b>Minor in Mathematics.</b> The minor consists of <del>MATH 241</del> together with at least 15 hours of mathematics courses selected from MATH 242 or 500-level MATH courses. At least 6 of the 15 hours must be chosen from MATH 520, 526, 544, 546, 554, 574. At most, one of MATH 526, 544 may be used for minor credit.</p> <p><b>Minor in Actuarial Mathematics and Statistics.</b> The minor consists of the prerequisite courses MATH 141, 142, <del>241</del> plus 18 hours of mathematics and statistics courses chosen as follows: MATH 511 (=STAT 511), STAT 512, 513, one of STAT 510 and 520, one of MATH 526 and 544, and one of MATH 570 and 574.</p>	<p>major course and in each of MATH 141, 142, 241, and 250 a maximum of two times. Either MATH 526 or MATH 544 may be used for credit but not both. The student may repeat a maximum of three mathematics courses.</p> <p><b>Cognate or Minor for Nonmajors</b> Students with majors in other departments may effectively supplement their major program of study by selecting a cognate or minor in mathematics.</p> <p><b>Cognate in Mathematics.</b> Most courses in mathematics numbered 241 and above may be used for cognate credit.</p> <p><b>Minor in Mathematics.</b> The minor consists of <u>one of MATH 241 and 250</u> together with at least 15 hours of mathematics courses selected from MATH 242 or 500-level MATH courses. At least 6 of the 15 hours must be chosen from MATH 520, 526, 544, 546, 554, 574. At most, <u>one of MATH 241 and 250 and one of MATH 526 and 544</u> may be used for minor credit.</p> <p><b>Minor in Actuarial Mathematics and Statistics.</b> The minor consists of the prerequisite courses (<u>MATH 141, 142, and one of 241 and 250</u>) plus 18 hours of mathematics and statistics courses chosen as follows: MATH 511 (=STAT 511), STAT 512, 513, one of STAT 510 and 520, one of MATH 526 and 544, and one of MATH 570 and 574. <u>At most, one of MATH 241 and 250 and one of MATH 526 and 544 may be used for minor credit.</u></p>
--	--

**New courses**

**MATH 250** Vector Analysis I. (3) (Prereq: qualification through placement or a grade of C or better in MATH 142) Vector algebra, geometry of three-dimensional space; polar, cylindrical, and spherical coordinate systems; partial differentiation, the derivative as a matrix transformation, and flow lines of a vector field., max-min theory; multiple and iterated integration. (This course is intended for mathematics majors, and other students intending to take MATH 550; the treatment will be more sophisticated than is offered in MATH 241.)

MATH 514 Financial Mathematics I. [=STAT 522] (3) (Prereq: a grade of C or better in either MATH 250 or 241) Probability spaces. Random variables. Mean and variance. Geometric Brownian Motion and stock price dynamics. Interest rates and present value analysis. Pricing via arbitrage arguments. Options pricing and the Black-Scholes formula.

MATH 515 Financial Mathematics II. [=STAT 523] (3) (Prereq: MATH 514 or STAT 522 with a grade of C or better) Convex sets. Separating Hyperplane Theorem. Fundamental Theorem of Asset Pricing. Risk and expected return. Minimum variance portfolios. Capital Asset Pricing Model. Martingales and options pricing. Optimization models and dynamic programming.

**Change in description**

From: MATH 241 Vector Calculus. (3) (Prereq: qualification through placement or a grade of C or better in MATH 142) Vector algebra, geometry of three-dimensional space; lines, planes, and curves in space; polar, cylindrical, and spherical coordinate systems; partial differentiation, max-min theory; multiple and iterated integration, line integrals, and Green's theorem in the plane.

To: MATH 241 Vector Calculus. (3) (Prereq: qualification through placement or a grade of C or better in MATH 142) Vector algebra, geometry of three-dimensional space; lines, planes, and curves in space; polar, cylindrical, and spherical coordinate systems; partial differentiation, max-min theory; multiple and iterated integration, line integrals, and Green's theorem in the plane. Credit may not be received for both MATH 241 and MATH 250.

**Change in title and prerequisite**

From: MATH 550 Vector Analysis. (3) (Prereq: MATH 241)

To: MATH 550 Vector Analysis II. (3) (Prereq: a grade of C or higher in either MATH 250 (preferred) or 241)

**Change in prerequisites**

From: MATH 511 Probability. [=STAT 511] (3) (Prereq: MATH 241 with a grade of C or higher)

To: MATH 511 Probability. [=STAT 511] (3) (Prereq: a grade of C or higher in either MATH 250 or 241)

From: MATH 521 Boundary Value Problems and Partial Differential Equations. (3) (Prereq: MATH 520 or 241 and 242)

To: MATH 521 Boundary Value Problems and Partial Differential Equations. (3) (Prereq: MATH 520 or 250 and 242 or MATH 241 and 242)

From: MATH 531 Foundations of Geometry. (3) (Prereq: MATH 241)  
 To: MATH 531 Foundations of Geometry. (3) (Prereq: MATH 250 or 241)

From: MATH 532 Modern Geometry. (3) (Prereq: MATH 241)  
 To: MATH 532 Modern Geometry. (3) (Prereq: MATH 250 or 241)

From: MATH 533 Elementary Geometric Topology. (3) (Prereq: MATH 241)  
 To: MATH 533 Elementary Geometric Topology. (3) (Prereq: MATH 250 or 241)

From: MATH 534 Elements of General Topology. (3) (Prereq: MATH 241)  
 To: MATH 534 Elements of General Topology. (3) (Prereq: MATH 250 or 241)

From: MATH 540 Modern Applied Algebra. (3) (Prereq: MATH 241)  
 To: MATH 540 Modern Applied Algebra. (3) (Prereq: MATH 250 or 241)

From: MATH 546 Algebraic Structures I. (3) (Prereq: MATH 241)  
 To: MATH 546 Algebraic Structures I. (3) (Prereq: MATH 250 (preferred) or 241)

**Change in prerequisites and corequisites**

From: MATH 526 Numerical Linear Algebra. (3) (Prereq: MATH 241)  
 To: MATH 526 Numerical Linear Algebra. (3) (Coreq or prereq: MATH 250 (preferred) or 241)

From: MATH 544 Linear Algebra. (3) (Prereq: MATH 241)  
 To: MATH 544 Linear Algebra. (3) (Coreq or prereq: MATH 250 (preferred) or 241)

From: MATH 551 Introduction to Differential Geometry. (3) (Prereq: MATH 241)  
 To: MATH 551 Introduction to Differential Geometry. (3) (Prereq: MATH 250 or 241)

From: MATH 552 Applied Complex Variables. (3) (Prereq: MATH 241)  
 To: MATH 552 Applied Complex Variables. (3) (Prereq: MATH 250 or 241)

From: MATH 554 Analysis I. (3) (Prereq: MATH 241)  
 To: MATH 554 Analysis I. (3) (Prereq: MATH 250 (preferred) or 241)

From: MATH 561 Introduction to Mathematical Logic. (3) (Prereq: MATH 241)  
 To: MATH 561 Introduction to Mathematical Logic. (3) (Prereq: MATH 250 or 241)

From: MATH 580 Elementary Number Theory. (3) (Prereq: MATH 241)  
 To: MATH 580 Elementary Number Theory. (3) (Prereq: MATH 250 or 241)

From: MATH 587 Introduction to Cryptography. [=CSCE 557}(3) (Prereq: CSCE 145, MATH 241 and either CSCE 355 or MATH 574)

To: MATH 587 Introduction to Cryptography. [=CSCE 557] (3) (Prereq: CSCE 145, MATH 250 or 241, and either CSCE 355 or MATH 574)

#### **D. Department of Philosophy**

##### **Change in title and description**

From: PHIL 514 Recent Ethical Theory. (3) (Prereq: PHIL 311 or consent of instructor) Recent developments in ethical theory with special emphasis on the meaning of ethical language and the forms of reasoning employed in discussing moral values.

To: PHIL 514 Ethical Theory. (3) (Prereq: PHIL 311 or consent of the instructor) Survey of recent and historical developments in ethical theory with special emphasis on the meaning of ethical language and the forms of reasoning employed in discussing moral values.

##### **Change in description**

From: PHIL 527 Virtues, Acts, and Consequences. (3) This course addresses recent contributions to three central strands of ethical theory; virtue theory, deontology, and utilitarianism. At least two of these three theories will be addressed in any given semester. The course examines both historical roots and recent developments.

To: PHIL 527 Virtues, Acts, and Consequences. (3) Recent contributions to three central strands of ethical theory: virtue theory, deontology, and utilitarianism; historical roots and recent development.

#### **E. Department of Political Science**

##### **New course**

POLI 569 State and Local Government. (3) This course will examine the purpose, structure, and functions of State government and their local subdivisions.  
 Restricted to: Social Studies Teachers  
 Excluded: POLI majors (grad and undergrad)  
 Special permission required: by Department  
 Approved to be offered via telecommunications/internet.

#### **F. Department of Statistics**

##### **New courses**

STAT 522 Financial Mathematics I. [=MATH 514] (3) (Prereq: MATH 241 or 250, with a grade of C or better) Probability spaces. Random variables. Mean and variance. Geometric Brownian Motion and stock price dynamics. Interest rates and present value analysis. Pricing via arbitrage arguments. Options pricing and the Black-Scholes formula.

STAT 523 Financial Mathematics II. [=MATH 515] (3) (Prereq: MATH 514 or STAT 522 with a grade of C or better) Convex sets. Separating Hyperplane Theorem. Fundamental Theorem of Asset Pricing. Risk and expected return. Minimum variance portfolios. Capital Asset Pricing Model. Martingales and options pricing. Optimization models and dynamic programming.

**Change in prerequisites**

From: STAT 511 Probability. [=MATH 511] (3) (Prereq: MATH 241 with a grade of C or higher)

To: STAT 511 Probability. [=MATH 511] (3) (Prereq: Grade of C or higher in either MATH 241 or 250)

**Change in curriculum, Undergraduate Bulletin 2004-05, pages 229-230**

<b><u>Current</u></b>	<b><u>Proposed</u></b>
<p>1. General Education Requirements (41-50 hours)</p> <p>The following courses may fulfill some of the general education or cognate requirements and must be passed with a C or higher (in at most two attempts) for a B.S. degree in statistics: MATH 141, 142, 241, 526 (or 544); CSCE 145 or 206; ENGL 462 or 463. For an outline of other general education requirements, see "College of Science and Mathematics".</p>	<p>1. General Education Requirements (41-50 hours)</p> <p>The following courses may fulfill some of the general education or cognate requirements and must be passed with a C or higher (in at most two attempts) for a B.S. degree in statistics: MATH 141, 142, 241 (<b>or 250</b>), 526 (or 544); CSCE 145 or 206; ENGL 462 or 463. For an outline of other general education requirements, see "College Arts and Sciences".</p>

**Change in curriculum, Undergraduate Bulletin 2004-05, page 231**

?(3-14-05 Dr. Spurrier e-mailed that Math will be sending the same change and both should be considered at the same time.)

<b><u>Current</u></b>	<b><u>Proposed</u></b>
<p>Minor in Actuarial Mathematics and Statistics. The minor consists of the prerequisite courses MATH 141, 142, 241, plus 18 hours of mathematics and statistics courses chosen as follows: MATH 511 {=STAT 511}, STAT 512, 513; one of STAT 510, 520; one of MATH 526, 544; and one of MATH 570, 574.</p>	<p>Minor in Actuarial Mathematics and Statistics. The minor consists of the prerequisite courses MATH 141, 142, <b>and 241 or 250</b>, plus 18 hours of mathematics and statistics courses chosen as follows: MATH 511 {=STAT 511}, STAT 512, 513; <b>and one course from three of the following four categories:</b></p> <ul style="list-style-type: none"> <li><b>i) MATH 514 {=STAT 522};</b></li> <li><b>ii) STAT 510, 520;</b></li> <li><b>iii) MATH 526, 544;</b></li> <li><b>iv) MATH 570, 574.</b></li> </ul>

## 2. MOORE SCHOOL OF BUSINESS

### A. International Business

#### Change in curriculum, Undergraduate Bulletin 2004-2005, page 48

<u>Current</u>	<u>Proposed</u>
<p><b>International Business (15 hours)</b>            IBUS 310 (3 hours)            One of the following functional courses:            IBUS 401, 402, 405/MGSC 405, ECON 303 (3 hours)            Minimum of one of the following thematic courses: IBUS 422, 423, 424 (3-6 hours)            Minimum of one of the following regional courses: IBUS 441*, 442*, 443* (3-6 hours)</p>	<p><b>International Business (15 hours)</b>            IBUS 310 (3 hours)            One of the following functional courses:            IBUS 401, 402, 405/MGSC 405, <b>IBUS/MGMT 406</b>, ECON 303 (3 hours)            Minimum of one of the following thematic courses: IBUS 422, 423, 424 (3-6 hours)            Minimum of one of the following regional courses: IBUS 441*, 442*, 443* (3-6 hours)</p>

#### New course

- IBUS 406 International Human Resource Management. [=MGMT 406] (3) (Prereq: MGMT 374) This course examines how human resources are managed within global context. It examines how human resources are managed within global firms as well as across different cultural settings.
- IBUS 430 Research in International Business. (3) (Prereq: IBUS 310) This seminar introduces students to research issues related to conducting studies in a cross-cultural setting. Students also develop an awareness of current international research programs.

### B. Management

#### Change in curriculum, Undergraduate Bulletin 2004-2005, page 48

<u>Current</u>	<u>Proposed</u>
<p>Management (12 hours)            Management of Human Resources            MGMT 374, 376, 474 and 476 (12 hours)            Entrepreneurship MGMT 473, 479; any two of the following: MKTG 352; MGMT 374; FINA 365; ACCT 402; ECON 526 or IBUS 402 (12 hours)</p>	<p><b>Management            Human Resources and Organizational Leadership (12 hours)</b>  <b>Students must take 12 hours from the following list of courses: MGMT 374, MGMT 376, MGMT 401, MGMT 402, MGMT 403, MGMT 404, MGMT 405,</b></p>



	<p><b>MGMT 406, MGMT 407, MGMT 476.</b></p> <p><b>In fulfilling the 12 hour requirement, students must take MGMT 374 and at least one of the following courses: MGMT 376, MGMT 401, MGMT 402, MGMT 403.</b></p> <p><b>Human Resources and Organizational Leadership: Intensive Track (15 hours)</b></p> <p><b>Students must take 15 hours from the following list of courses. MGMT 374, MGMT 376, MGMT 401, MGMT 402, MGMT 403, MGMT 404, MGMT 405, MGMT 406, MGMT 407, MGMT 472, MGMT 476, BADM 499.</b></p> <p><b>In fulfilling the 15 hour requirement, students must take MGMT 374 and at least one of the following courses: MGMT 376, MGMT 401, MGMT 402, MGMT 403.</b></p> <p><b>Entrepreneurship (12 hours)</b></p> <p><b>MGMT 472, MGMT 473, and MGMT 479 (9 hours)</b></p> <p><b>Any one of the following courses: MGMT 374, MGMT 376, MGMT 401, MGMT 402, MGMT 403, MKTG 352, IBUS 402 (3 hours)</b></p> <p><b>Entrepreneurship: Intensive Track (15 hours)</b></p> <p><b>MGMT 472, MGMT 473, and MGMT 479 (9 hours)</b></p> <p><b>Any two of the following courses: MGMT 374, MGMT 376, MGMT 401, MGMT 402, MGMT 403, MKTG 352, IBUS 402 (6 hours)</b></p>
--	--

**New courses**

**MGMT 401** Negotiation and Conflict in the Workplace. (3) (Prereq: MGMT 371) This course is designed to improve students' knowledge and skills in the areas of workplace conflict resolution and negotiations.

- MGMT 402 Managing Teams in the Workplace. (3) (Prereq: MGMT 371) Team dynamics in organizational settings; basic concepts of interpersonal behavior, how to facilitate effective teamwork and create, motivate, and participate in effective teams based on concepts in team design and team process.
- MGMT 403 Leadership in Organizations. (3) (MGMT 371) Reviews research and practice in organizational leadership; provides students with self-assessment, developmental exercises, and case studies to prepare students for leadership roles.
- MGMT 404 Pay, Rewards, and Motivation. (3) (Prereq: MGMT 374) An examination of how organizations use pay and other types of rewards (both intrinsic and extrinsic) to affect employee motivation and behavior.
- MGMT 405 Staffing. (3) (Prereq: MGMT 374) An examination of how organizations can improve workforce quality by making effective use of recruiting and selection processes. Attention is also given to the training and development of new hires and to legal issues that surround the staffing process.
- MGMT 406 International Human Resource Management. [=IBUS 406] (3) (Prereq: MGMT 374) This course examines how human resources are managed within global context. It examines how human resources are managed within global firms as well as across different cultural settings.
- MGMT 407 Corporate Social Responsibility and Stakeholder Management. (3) (Prereq: MGMT 371) This course examines the role of corporate social responsibility in managing organizations. Attention is given to the role of stakeholder management and ethics in organizational decision-making.
- MGMT 472 Entrepreneurship and Small Business. (3) (Prereq: MGMT 371) This course is an introduction to the ownership and management of small firms, emphasizing their role in the U.S. economy, their particular demands on owners, and the effects of newness and smallness on their managers' decisions.

**Change in prerequisite and description**

- From: MGMT 473 Initiation and Management of New Business Enterprise. (3) (Prereq: MGMT 371) Analysis of proposed business opportunities; planning and establishing a business organization to exploit an opportunity; management of small business.
- To: MGMT 473 Initiation and Management of New Business Enterprise. (3)

(Prereq: MGMT 472) Analysis of proposed business opportunities; planning and establishing a business organization to exploit an opportunity.

**Change in prerequisite**

From: MGMT 479 Advanced Issues in Entrepreneurship. (3) (Prereq: MGMT 473)  
To: MGMT 479 Advanced Issues in Entrepreneurship. (3) (Prereq: MGMT 472)

**Deletions**

MGMT 300 Careers in Business. (1)  
MGMT 474 Advanced Management of Human Resources. (3)  
MGMT 477 Organization Theory. (3)  
MGMT 486 Administrative Systems I. (3)  
MGMT 487 Administrative Systems II. (3)  
MGMT 506 Labor Economics and Labor Markets. (3)  
MGMT 579 Government Policy Toward Business. (3)

**C. Management Science**

**Change in curriculum, Undergraduate Bulletin 2004-2005, page 48**

<b><u>Current</u></b>	<b><u>Proposed</u></b>
<p><b><i>Business Information Systems</i></b> (21 hours) MGSC 298/CSCE 204, MGSC 390, 490, 494, 590, 596 (18 hours) One of the following courses: MGSC 398/CSCE 304, MGSC 405, 594 (3 hours)</p>	<p><b><i>Business Information Systems</i></b> (21 hours) MGSC 298/CSCE 204, MGSC 390, 490, 494, 590, 596 (18 hours) One of the following courses: MGSC 398/CSCE 304, MGSC 405, 594 (3 hours)</p>
<p><b><i>Operations Management</i></b> (12 hours) MGSC 394, 491, 495 (9 hours) One of the following courses: MGSC 392, 520 {=STAT 520}, 525 {=STAT 525}, 591 (3 hours)</p>	<p><b><i>Business Information Management (BIM)</i></b> (12 hours) MGSC 390, 394 (6 hours) Two from the following courses: MGSC 405, 490, 494, 590, 594, 596 (6 hours)</p>
<p><b><i>Quantitative Business Analysis</i></b> (12 hours) MGSC 292, 392 (6 hours) Two from the following courses: MGSC 393, 520 {=STAT 520}, 525 {=STAT 525}, 591, 592 (6 hours)</p>	<p><b><i>Global Supply Chain and Operations Management (GSCOM)</i></b> (12 hours) MGSC 394, 491, 495 (9hours) One of the following courses (with permission of the area coordinator): BADM 499, MGSC 525 {=STAT 525}, 591, 596 (3 hours)</p>

--	--

## **D. Marketing**

### **New Course**

MKTG 453 Marketing Practicum. (3) (Prereq: MKTG 350, 351, 352, and by permission of instructor) Students from a working marketing agency and complete a real-world marketing campaign for a client. Working as a team, they apply marketing theory and concepts to a substantively important marketing problem.

## **E. Economics**

### **Change in crosslistings**

From: ECON 379 Government Policy Towards Business. [=MGMT 579] (3)

To: ECON 379 Government Policy Towards Business. (3)

From: ECON 506 Labor Economics and Labor Markets. [=MGMT 506] (3)

To: ECON 506 Labor Economics and Labor Markets. (3)

## **3. COLLEGE OF EDUCATION**

### **Department of Instruction and Teacher Education**

#### **Change in prerequisite**

From: EDEL 505 Nature and Management of Elementary Classrooms. (3) (Prereq: EDUC 402, 402P, EDTE 201; coreq: EDEL 505P)

To: EDEL 505 Nature and Management of Elementary Classrooms. (3) (Prereq: EDPY 401, 401P, EDTE 201; coreq: EDEL 505P)

### **Department of Instruction and Teacher Education**

#### **Change in credit hours**

From: EDEC 342 The Young Child: Development, Care and Education (3-8 Years). (4)

To: EDEC 342 The Young Child: Development, Care and Education (3-8 Years). (3)

From: EDEC 342P The Young Child: Development, Care and Education (3-8 Years) Practicum. (2)

To: EDEC 342P The Young Child: Development, Care and Education (3-8 Years) Practicum. (3)

#### **Change in prerequisite**

From: EDSE 547 Teaching Middle and High School (English). (3)

To: EDSE 547 Teaching Middle and High School (English). (3) (Prereq: Admission to MAT Degree Program or EDTE 402)

#### 4. COLLEGE OF ENGINEERING AND INFORMATION TECHNOLOGY

##### A. Department of Computer Science and Engineering

###### New courses

CSCE 210 Computer Hardware Foundations. (3) (Prereq: CSCE 145, 204, 205, 206, or 207) number representation, data formats, CPU and memory organization, assembly language, I/O and peripherals, computer networks.

###### Change in prerequisites

From: CSCE 212 Introduction to Computer Architecture. (3) (Prereq: either CSCE 146 or both CSCE 145 and 211)

To: CSCE 212 Introduction to Computer Architecture. (3) (Prereq: CSCE 211, CSCE 145 or 206)

From: CSCE 311 Operating Systems. (3) (Prereq: CSCE 212 and 245 and MATH 374)

To: CSCE 311 Operating Systems. (3) (Prereq: CSCE 245, CSCE 210 or 212, MATH 374)

From: CSCE 522 Information Security Principles. (3) (Prereq: CSCE 520 or MGSC 596)

To: CSCE 522 Information Security Principles. (3) (Prereq: CSCE 311 or MGSC 596)

From: CSCE 557 Introduction to Cryptography. [=MATH 587](3) (Prereq: CSCE 145, MATH 241 and either CSCE 355 or MATH 574)

To: CSCE 557 Introduction to Cryptography. [=MATH 587] (3) (Prereq: CSCE 145, MATH 250 or 241, and either CSCE 355 or MATH 574)

###### Change in curriculum, Undergraduate Bulletin 2004-2005, pages 79-80

<u>Current</u>	<u>Proposed</u>
<p><b>Bachelor of Science--Major in Computer Information Systems</b> (120 hours)</p> <p>ENGL 101, 102, and either 462 or 463 (9 hours) SPCH 140 (3 hours) Liberal Arts (18 hours) MATH 141, 142, 374 (11 hours) STAT 509 (3 hours) Laboratory sciences (8 hours including two labs)</p>	<p><b>Bachelor of Science--Major in Computer Information Systems</b> (120 hours)</p> <p>ENGL 101, 102, and either 462 or 463 (9 hours) SPCH 140 (3 hours) Liberal Arts (18 hours) MATH 141, 142, 374 (11 hours) STAT 509 (3 hours) Laboratory sciences (8 hours including two labs)</p>

<p>MGSC 390, 490, 590, and two of 494, 591, 594 (15 hours)  ACCT 222 (3 hours)  ECON 224 (3 hours)  CSCE 145, 146, 205, <u>212</u>, 240, 245, 311, <u>330</u>, 350, 390, 416, 492, 520 (39 hours)  Major elective (CSCE course numbered above 500) (3 hours)  Free electives (5 hours)</p> <p><b>Notes:</b></p> <p><i>1. The liberal arts courses must include at least one history course, one fine arts course, and one social science course.</i></p> <p><i>2. Demonstration of proficiency in one foreign language equivalent to the minimum passing grade on the exit examination in the 122 course is required. Up to 6 hours of foreign language courses may be counted toward the liberal arts requirement.</i></p>	<p>MGSC 390, 490, 590, and two of 494, 591, 594 (15 hours)  ACCT 222 (3 hours)  ECON 224 (3 hours)  CSCE 145, 146, 205, <u>210</u>, 240, 245, 311, 350, 390, 416, 492, 520, <u>522</u> (39 hours)  Major elective (CSCE course numbered above 500) (3 hours)  Free electives (5 hours)</p> <p><b>Notes:</b></p> <p><i>1. The liberal arts courses must include at least one history course, one fine arts course, and one social science course.</i></p> <p><i>2. Demonstration of proficiency in one foreign language equivalent to the minimum passing grade on the exit examination in the 122 course is required. Up to 6 hours of foreign language courses may be counted toward the liberal arts requirement.</i></p>
---	---

## B. Department of Mechanical Engineering

### Change in prerequisites

- From: EMCH 260 Introduction to the Mechanics of Solids. (3) (Prereq: MATH 241, EMCH 200)
- To: EMCH 260 Introduction to the Mechanics of Solids. (3) (Prereq: EMCH 200 with a grade C or better and MATH 241)

### Change in title and description

- From: EMCH 575 Adaptive Material Systems and Structures. (3) (Prereq: EMCH 260, 310) A multidisciplinary introductory course addressing the emerging engineering field of adaptive material systems and structures.
- To: EMCH 575 Adaptive Materials and Smart Structures. (3) (Prereq: EMCH 260, 310) A multidisciplinary introductory course addressing the engineering field of adaptive materials and smart structures.

### New course

- EMCH 580 Mechanics of Solid Biomaterials. (3) (Prereq: MATH 242)  
Introduction to the mechanical behavior of solid biomaterials. Structure and mechanical properties of tissue including skin, myocardium, and tendon. Mathematical treatment of anisotropic elasticity, nonlinear elasticity, linear and quasi-linear viscoelasticity, muscle activity.

## 5. COLLEGE OF HOSPITALITY, RETAIL AND SPORT MANAGEMENT

### School of Hotel, Restaurant and Tourism Management

#### New course

HRSM 301 HRSM Professional Development Seminar. (3) (Prereq: Student must have upper division status and this course must be taken prior to their HRSM internship.) Strategies, tactics, and requisite skills for career success in the hospitality, retail, sport, entertainment and technology industries.

## 6. COLLEGE OF MASS COMMUNICATIONS AND INFORMATION STUDIES

### A. School of Journalism and Mass Communications

#### Change in title and description

From: JOUR 337 Photojournalism I. (3) News photography: skill in camera use, photography techniques, and picture editing.  
To: JOUR 337 Photovisual Communications. (3) Skill in still and video camera use, composition and editing. Introduces historical, cultural, aesthetic, ethical and legal perspectives related to photography.

#### Change in titles, prerequisites and descriptions

From: JOUR 537 Contemporary Photojournalism. (3) (Prereq: consent of instructor, background in basic photography and processing) Intensive study in photography for newspapers and magazines. Includes fieldwork as well as campus and lab sessions.  
To: JOUR 537 Advanced Photovisual Communications. (3) (Prereq: JOUR 337) Developing professional, portfolio-quality still and moving images for using in the mass media including news documentaries. Students refine their knowledge and skill in photographic composition and lighting and learn the use of advanced digital still and video cameras.

From: JOUR 564 Graphic Design. (3) Basic elements of design and their application to problem solving situations in the mass media. Emphasis on visual communication.  
To: JOUR 654 Advanced Visual Communications. (3) (Prereq: JOUR 364 and 464) Advanced techniques of graphic and multimedia design and their application to problem solving situations in the mass media. Emphasis on portfolio development.

#### Change in course number, title, prerequisite and description

From: JOUR 438 Mass Media PC Graphics Applications. (3) The personal computer

as a production tool to generate graphic materials for newspapers, magazines, advertisements, television.

To: JOUR 464 Graphics for Visual Communications. (3) (Prereq: JOUR 364) The personal computer and software related to the design and production of graphic and photographic images for print and onscreen media.

**Deletion**

JOUR 515 Photojournalism II. (3)

**7. EXPERIMENTAL COURSE: For the Senate's information only.  
(Experimental courses are offered for only one semester and then must be formally submitted as a course.)**

**COLLEGE OF ARTS AND SCIENCES  
Department of Biological Sciences**

BIOL 304X Cell, Molecular and Genetics Laboratory. (2) (Prereq or coreq: of BIOL 302 and 303) Experiments and exercises in cell and molecular biology and molecular genetics/gene therapy. One lecture and three laboratory hours per week.