REPORT: COMMITTEE ON CURRICULA AND COURSES
(For consideration by the Faculty Senate at its February 1, 2006 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 Giurgiu(4iu (Mechanical Engineering) in advance if errors are noted, either by phone: 777-8018 or e-mail: victorg@sc.edu

1. COLLEGE OF ARTS AND SCIENCES

Change in curriculum – addition of a new interdisciplinary minor in neuroscience.

<table>
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<tr>
<th>Current</th>
<th>Proposed</th>
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<tr>
<td>Minor in Neuroscience</td>
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<tr>
<td>This minor is designed for students going into graduate studies in neuroscience, animal behavior, or psychology, students going into medicine, and students simply interested in gaining a better understanding of their own interactions with the world. The minor will provide opportunities to develop a strong background of how the nervous system works from the social and behavioral to the cellular and molecular levels. Beyond a core requirement, students may focus on topics of specific interest. Research experience is required.</td>
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Application. Students must complete an application and qualify for the Neuroscience Minor. Applications can be submitted any time after the freshman year (30 credit hours completed). Normally, students will be expected to have at least a 3.3 grade point average. Applications will be evaluated by a Neuroscience Education Committee, and they will be judged on overall academic merit. Application forms can be obtained from the Departments of Psychology, Biological Sciences, the College of Arts and Sciences and the Honors College and off of the web http://zebra.biol.sc.edu/neurominor/.

Opportunity to Participate in Honors College Courses. Courses suitable for the Neuroscience Minor may be offered as honors courses. Students minoring in Neuroscience will be able to take these courses, and they will have priority in registration, even over Honors College students who are not minoring in medical humanities. This will provide students outside of the Honors College with the opportunity to do course work in the Honors College.

Requirements. Eighteen credit hours are required to satisfy the minor. Students must complete at least 2 of the listed core courses (Group A), and an optional distribution of courses from a secondary list (Group C). Students must also complete 2 to 3 credits of neuroscience research.
experience in a participating laboratory (BIOL 399, PSYC 498 or SCCC 399) - these 3 credits are in addition to the research or practicum credits that may be applied to the chosen major. Information about laboratories in neuroscience can be found at [http://zebra.biol.sc.edu/neurominor/](http://zebra.biol.sc.edu/neurominor/).

Additional honors proseminars or other specialized courses in the Neurosciences may satisfy minor requirements in Group C, provided the course substitutions are approved by the Neuroscience Education Committee.

**Courses:**

**Group A: Core classes**

**Choose at least two out of three classes:**

- Introduction to Neuroscience, SCCC 330P – 3 credits
- Neurobiology, BIOL 635 (includes lab) – 4 credits
- Physiological Psychology PSYC 460 – 3 credits

**Group B: Research in neuroscience**

**Choose one of the following:**

- Independent Study, PSYC 498 – 2 to 3 credits
- Independent Study, BIOL 399 – 2 to 3 credits
- Independent Study, SCCC 399 – 2 to 3 credits

**Group C: Select courses (typically three classes) from the following list to complete 18 credit hours:**

- Becoming Human, ANTH 361 – 3 credits
- Animal Behavior, BIOL 534 - 3 credits
- Laboratory in Animal Behavior, BIOL534L - 1 credit
- General Physiology, BIOL 460 or Comparative Physiology, BIOL 543 - 3 credits (Note that both courses BIOL 460 and 543 cannot be counted toward the minor)
- Cell and Molecular Biology, BIOL 302 – 3 credits
- Cell and Molecular Biology, BIOL 302L – 1 credit
- Mind and Nature, PHIL 309 – 3 credits *
- Psychology of Consciousness, PSYC 370 – 3 credits
- Survey of Learning and Memory, PSYC 400 – 3 credits
- Survey of Cognitive Psychology, PSYC 405
- Sensation and Perception, PSYC 450 – 3 credits
- Psychology of Drug Use and Effects, PSYC 503 – 3 credits
- Psychology of Mental Retardation, PSYC 524 – 3 credits
- Cognitive Neuroscience, PSYC 507 – 3 credits
- Cognitive Neuroscience Laboratory, PSYC 571 – 3 credits
- Advanced Physiological Psychology, PSYC 560 – 3 credits
- Physiological Psychology Laboratory, PSYC 570 – 3 credits
- Neurobiology of Culture, SCCC 386F – 3 credits
- Neurethics, SCCC 383Q – 3 credits
- Scientific Publishing (Neuroscience), SCCC 393E-502 – 1 to 3 credits
A. Department of Languages, Literatures, and Cultures

New courses

FORL 398 Selected Topics. (3) Studies in a language not otherwise taught. May include a cultural and/or linguistic component.

Change in prerequisite

From: FREN 310 Advanced Oral Communication. (3) (Prereq: FREN 210 or equivalent; FREN 209 strongly recommended; coreq or prereq: FREN 307 strongly recommended)
To: FREN 310 Advanced Oral Communication. (3) (Prereq: FREN 209 and 210 or equivalent; FREN 307 strongly recommended)

From: RUSS 598 Selected Topics in Russian. (3) (Prereq: consent of instructor)
To: RUSS 598 Selected Topics in Russian. (3)

2. COLLEGE OF EDUCATION

A. Department of Instruction and Teacher Education

New course

EDCS 690 Independent Study. (1-3)

3. COLLEGE OF ENGINEERING AND INFORMATION TECHNOLOGY

A. Department of Computer Science & Engineering

Change in curriculum, listed in the Web 2005-06 Undergraduate Bulletin for

BS Major Computer Information Systems

12-15-05 requested electronic version from Manton Matthews and again on 1-9-06 after finding he delivered a revised edition on 1-6-06. Called at 4 pm on 1-17-06 and he is sending in 10 minutes.

<table>
<thead>
<tr>
<th>Current</th>
<th>Proposed</th>
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<tbody>
<tr>
<td>Bachelor of Science – Major in Computer Information Systems</td>
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<tr>
<td>(120 hours)</td>
<td>(120 hours)</td>
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<tr>
<td>ENGL 101, 102, and either 462 or 463 (9 hours)</td>
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</tr>
<tr>
<td>SPCH 140 (3 hours)</td>
<td>SPCH 140 (3 hours)</td>
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<tr>
<td>Liberal Arts (18 hours)</td>
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<tr>
<td>MATH 141, 142, 374 (11 hours)</td>
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<tr>
<td>STAT 509 (3 hours)</td>
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<tr>
<td>Laboratory sciences (8 hours including two labs)</td>
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<tr>
<td>MGSC 390, 490, 590, <strong>and two of 494, 591, 594 (15)</strong></td>
<td><strong>Minor in Business Information Management</strong></td>
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<tr>
<td>hours</td>
<td>ACCT 222 (3 hours)</td>
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<tr>
<td>ECON 224 (3 hours)</td>
<td>CSCE 145, 146, 205, 210, 240, 245, 311, 350, 390, 416, 492, 520, 522 (39 hours)</td>
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<tr>
<td>CSCE 145, 146, 205, 210, 240, 245, 311, 350, 390, 416, 492, 520, 522 (39 hours)</td>
<td>Major elective (CSCE course numbered above 500) (3 hours)</td>
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<tr>
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<td>Free electives</td>
</tr>
</tbody>
</table>

**Notes:**

1. The liberal arts courses must include at least one history course, one fine arts course, and one social science course.

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.

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**B. Department of Mechanical Engineering**

**Change in prerequisite**

From: **EMCH 332**  
Kinematics and Dynamics of Machines. (3) (Prereq: EMCH 210, EMCH 201)

To: **EMCH 332**  
Kinematics and Dynamics of Machines. (3) (Prereq: EMCH 310, 201)