1-8-2007

Undergraduate Curriculum and Academic Policy Committee Minutes, January 8, 2007

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Undergraduate Curriculum and Academic Policy Committee

Minutes of January 8, 2007 Meeting

Present: Susan Carrafiello, Jeanne Fraker, Roger Fulk, Qingbo Huang, Shelley Jagow, Tiffany Newman (for Krystal Karshner), Nathan Klingbeil, Joe Law, Tom Sav, David Seitz, Carol Wagner-Williams, Karen Wilhoit. Guests: Marian Hogue (Registrar).

Approved Minutes of November 13, 2006.

UCAPC Subcommittee Reports

Writing Across the Curriculum Committee (WAC) -- Joe Law, Chair, reported that the committee will meet January 19.

University General Education Committee (UGEC) -- Susan Carrafiello, Chair, reported that the committee will meet within the next two weeks.

Undergraduate Academic Program Review Committee (UAPRC) -- Rudy Fichtenbaum, Chair, no report.

Course Inventory and Modification Requests

CECS
Approved Inventories: CS 495, CEG 495

CEHS
Approved Inventories: Delete from inventory all of the following -- AED 214, AED 370, AED 429, AED 430, AED 432, AED 436, ED 219, ED 403, ED 405, ED 431, ED 438, EDS 445, HPR 310
Approved Modifications: RHB 103, RHB 401, RHB 403

COBA
Approved Inventories: EC 460

COLA
Approved Inventories: DAN 407, DAN 406, DAN 409

Program Changes

CECS
Approved
B.S. Computer Engineering - General Degree
B.S. Computer Engineering - Wireless Software Option (new option)*
B.S. Computer Engineering - Wireless Architecture Option (new option)*

* The committee made minor but necessary changes with respect to the Writing Intensive
Requirements in the General Education section. The CECS was informed and agreed to the changes.

CEHS
Approved
**B.S. Rehabilitation Services**

Returned for additional consideration

**B.S. Organizational Leadership** -- the committee asks that the department reconsider the proposal by directly contacting the college of liberal arts and the college of business and working with those colleges to determine if the proposed program changes are appropriate within those colleges and can be managed to assist the problems associated with student scheduling due to the growth of the program. The committee also felt that those colleges and their affected departments might be positioned to offer alternative solutions to solving the scheduling problems while working with organizational leadership in maintaining the academic quality of the program. The curriculum procedures for program changes approved by the Faculty Senate require what the committee requests herein -- see item IV. Curriculum Coordination in the following procedure [http://www.wright.edu/ucapc/newguide/changes.htm](http://www.wright.edu/ucapc/newguide/changes.htm)

COLA
Approved
**B.A. Criminal Justice***
**B.F.A. Dance**

* The committee added PSY 200 to the Foundation Requirements of the program. The director of the program was informed and confirmed that such was intended.

**Adjourned:** Next meeting February 5. Winter Quarter Meetings and other Schedules as follows:

<table>
<thead>
<tr>
<th>UCAPC Meeting</th>
<th>UCAPC Submission Deadline (No Exceptions: receipt after forwards to the next meeting)</th>
<th>Faculty Senate Meeting New Business</th>
<th>Faculty Senate Meeting Old Business</th>
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</thead>
<tbody>
<tr>
<td>Current Meeting January 8</td>
<td></td>
<td>February 5</td>
<td>March 5</td>
</tr>
<tr>
<td>February 5, 12:30 p.m.</td>
<td>January 24, 12:00 Noon</td>
<td>March 5</td>
<td>April 2</td>
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<tr>
<td>March 5, 12:30 p.m.</td>
<td>February 21, 12:00 Noon</td>
<td>April 2</td>
<td>May 7</td>
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<td>April TBA</td>
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<td>May 7</td>
<td>June 4</td>
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<tr>
<td>May TBA</td>
<td>TBA</td>
<td>June 4</td>
<td>Fall 2007</td>
</tr>
</tbody>
</table>

[UCAPC HOME](http://www.wright.edu/ucapc/0007/minutes/5minutes.htm)
Motivation: The motivation for the proposed changes to the BS in Computer Engineering is twofold. The first is to produce a greater degree of alignment of the required technical courses in the program with the topics required in the ABET accreditation curriculum guidelines. The second is to provide some general electives to the students so that they can include classes outside of engineering and science in their program of study. Currently the general education courses are the only non-science and engineering courses that may be counted toward the completion of the degree.

The differences between the current and the proposed programs are indicated on the following two sheets. Course names and credit hours indicated in red in the current program have been changed in the new program. Courses entirely in red have been deleted. Items in blue in the new program indicate the additions or changes from the current program. The changes to the program are summarized below using the categories from the proposed program description.

I. Required CS and CEG courses.

The courses ME 212, ME 213, EE 303, EE 304, EE 322 are no longer required in the proposed program. These courses are generally not requirements in CEG curricula and the topics presented in these courses are not prerequisite material for any courses in the CEG program.

The course CEG 333 (Introduction to Unix, 2 credit hours) has been replaced with an expanded version CEG 233 (Linux and Windows, 4 credit hours). This course will introduce features of the two prominent operating systems at an earlier point in the curriculum so that students will have experience with these systems when they take the upper level courses in the program.

II. General Education.

No change from existing CEG program.

III. Mathematics and Science (previously labeled Major Courses).

The statistics requirement has been expanded to provide students the opportunity to take classes offered by the Mathematics Department as well as by the Department of Industrial and Systems Engineering. The students are now given the opportunity to select the differential equations course from MTH 233 and MTH 235. A three hour
Mathematics and Science elective has been added to ensure that each student has the minimum number of hours of mathematics and science required for ABET accreditation.

IV. General Electives (previously none)

Sixteen hours of general electives are added to the program.

The proposed program consists of 191 credit hours and satisfies the requirements for ABET accreditation. The course additions and modifications needed to support these changes have been submitted to UCAPC.
PROPOSED COMPUTER ENGINEERING – BACHELOR OF SCIENCE DEGREE PROGRAM: (191 Hours)

I. COMPUTER SCIENCE AND ENGINEERING COURSES (87 hours)

A. Required Computer Science Courses (19 hours)
   - CS 240 Computer Programming I 4
   - CS 241 Computer Programming II 4
   - CS 242 Computer Programming III 4
   - CS 400 Data Structures and Algorithms 4
   - CS 415 Social Implications of Computing 3

B. Required Computer Engineering Courses (36 hours)
   - CEG 233 Linux and Windows 4
   - CEG 260 Digital Circuits 4
   - CEG 320 Computer Organization 4
   - CEG 360 Digital System Design 4
   - CEG 402 Intro to Computer Networks 4
   - CEG 433 Operating Systems I 4
   - CEG 453 Embedded Systems 4
   - CEG 498/499 Team Projects 8

C. CS/CEG Electives (16 hours)

D. Other Required Engineering Courses (13 hours)
   - EE 301 Circuit Analysis I 4
   - EE 302 Circuit Analysis I Lab 1
   - EE 321 Linear Systems I 4
   - EE 331 Electronic Devices 3
   - EE 332 Electronic Devices Lab 1

E. Technical Communication (3 hours)
   - EGR 335 Technical Communications 3

II. GENERAL EDUCATION (40 hours)

Area I - Communication Skills (8 hours)
   - ENG 101 - Composition I 4
   - ENG 102 - Composition II 4
   - Mathematics (satisfied by required mathematics courses) 4

Area II – Cultural-Social Foundations (8 hours)

Area III – Human Behavior (8 hours)

Area IV – Human Expression (4 hours)

Additional courses from Areas II, III, and IV (8 hours)

Area V – Natural Science
   - Satisfied by required physics courses

Area VI - College Component (4 hours)
   - EGR 190 Fund of Eng. and Comp Sci I * 4
   - *Must have less than 45 credit hours
Approved substitutions for students having more than 45 credit hours: ISE 210, EH 205, EC 290, PSY 110, URS 200

Must select at least 4 Writing Intensive (WI) courses.

III. MATHEMATICS /SCIENCE COURSES (48 hours)

A. Required Mathematics Courses (29 hours)

- MTH 229 Calculus I 5
- MTH 230 Calculus II 5
- MTH 231 Calculus III 5
- MTH 253 Matrix Algebra 3
- MTH 257 Discrete Mathematics 3
- STT 363, STT 360, or ISE 301 Statistics 3
  Select one course:
  - MTH 233 Differential Equations 5
  - MTH 235 Diff Eq with Matrix Algebra 5

B. Required Physics Courses (16 hours)

- PHY 240 Physics I 4
- PHY 200 Physics I Lab 1
- PHY 242 Physics II 4
- PHY 202 Physics II Lab 1
- PHY 244 Physics III 5
- PHY 204 Physics III Lab 1

C. Mathematics and Science Electives (3 hours)

IV. GENERAL ELECTIVES (16 hours)

Electives may be from any area of study.

GENERAL EDUCATION: Courses must be chosen to satisfy the University General Education requirements.
GENERAL ELECTIVES: Courses may be chosen from any area of study.
SCIENCE COURSES: Courses must be appropriate for science or engineering majors and satisfy the General Education science requirements.
CS/CEG ELECTIVES: 400 level courses from Computer Science or Computer Engineering to provide additional breadth in the discipline.
ALL ELECTIVE COURSES MUST BE APPROVED BY A DEPARTMENT ADVISOR.
CURRENT COMPUTER ENGINEERING – BACHELOR OF SCIENCE DEGREE PROGRAM: (195 Hours)

I. COMPUTER SCIENCE AND ENGINEERING COURSES (109 HOURS)

A. Required Computer Science Courses (19 hours)
   - CS 240  Computer Science I   4
   - CS 241  Computer Science II   4
   - CS 242  Computer Science III  4
   - CS 400  Data Structures and Software Design  4
   - CS 415  Social Implications of Computing  3

B. Required Computer Engineering Courses (42 hours)
   - CEG 260  Digital Computer Hardware/Switching Circuits  4
   - CEG 320  Comp. Org & Assembly Language Prog  4
   - CEG 333  Introduction to UNIX  2
   - CEG 360  Digital System Design  4
   - CEG 402  Computer Communications Design  4
   - CEG 433  Operating Systems  4
   - CEG 434  Concurrent Software Design  4
   - CEG 453  Design of Computer Systems  4
   - CEG 460  Introduction to Software Eng  4
   - CEG 498/499  Design Experience/Clinic-I  4
   - CEG 498/499  Design Experience/Clinic-II  4

C. Electives (16 hours) 400 Level

D. Other Required Engineering Courses (29 hours)
   - ME 212  Statics  4
   - ME 213  Dynamics  4
   - EE 301  Circuit Analysis I  4
   - EE 302  Circuit Analysis I Lab  1
   - EE 303  Circuit Analysis II  3
   - EE 304  Circuit Analysis II Lab  1
   - EE 321  Linear Systems I  4
   - EE 322  Linear Systems II  4
   - EE 331  Electronic Devices  3
   - EE 332  Electronic Devices Lab  1

E. Technical Communication (3 hours)
   - EGR 335  Technical Communications  3

II. GENERAL EDUCATION (40 hours)

Area I - Communication and Mathematics Skills
   - ENG 101 - Composition I  4
   - ENG 102 - Composition II  4
   - MATH – See Required Mathematics Courses

Area II – Cultural-Social Foundations-8 Hrs.

Area III – Human Behavior – 8 Hrs.

Area IV – Human Expression – 4 Hrs.

Additional courses from Areas II, III, and IV-8Hrs.

Area VI-College Component 4 Hrs.
EGR 190 Fund of Engineering And Computer Science

*Must have less than 45 credit hours

Approved substitutions for students having more than 45 credit hours:
ISE 210, EH 205, EC 260, PSY 110, URS 200

*Must select 4 Writing Intensive (WI) courses from areas II, III, IV and Physics

III. MAJOR COURSES

A. Required Mathematics Courses (30 hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>MTH 229</td>
<td>Calculus I</td>
<td>5</td>
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<tr>
<td>MTH 230</td>
<td>Calculus II</td>
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<tr>
<td>MTH 231</td>
<td>Calculus III</td>
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<td>MTH 233</td>
<td>Differential Equations</td>
<td>5</td>
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<tr>
<td>MTH 253</td>
<td>Matrix Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MTH 257</td>
<td>Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>ISE 301</td>
<td>Stats for Dev. &amp; Manu. I</td>
<td>4</td>
</tr>
</tbody>
</table>
Motivation: The wireless option of the Computer Engineering program is one of three options in wireless computing being introduced in the College of Engineering and Computer Science. The other two are the Wireless Hardware Option in the Computer Engineering program and the Wireless Engineering option in the Electrical Engineering program. The development of wireless engineering, both curricula and research, has been identified as a priority for the College.

The wireless software option is being proposed as an option to the new Computer Engineering degree. The option adds five required courses to the core of the proposed CEG degree. The courses in the option replace courses in the CS/CEG electives and general electives categories.

The differences between the wireless software option and the proposed CEG program are indicated on the following two sheets. Credit hours and categories indicated in red in the standard CEG program have been changed in the option. Items in blue in the option indicate the additions to the standard program. The requirements for the option are summarized below.

I. Required CS and CEG courses.

The CS/CEG elective category has been replaced with the Wireless Concentration Courses.

II. General Education.

No change from the existing CEG program or proposed general CEG program.

III. Mathematics and Science.

No change from proposed CEG program.

IV. General Electives.

The sixteen hours of general electives in the proposed general CEG program are reduced to twelve hours.
The proposed program consists of 191 credit hours and satisfies the requirements for ABET accreditation. The course additions and modifications needed to support these changes have been submitted to UCAPC.
PROPOSED COMPUTER ENGINEERING – BACHELOR OF SCIENCE (WIRELESS SOFTWARE OPTION) (191 Hours)

I. COMPUTER SCIENCE AND ENGINEERING COURSES (91 hours)

A. Required Computer Science Courses (19 hours)
   - CS 240 Computer Programming I 4
   - CS 241 Computer Programming II 4
   - CS 242 Computer Programming III 4
   - CS 400 Data Structures and Alg. 4
   - CS 415 Social Implications of Comp. 3

B. Required Computer Engineering Courses (36 hours)
   - CEG 233 Linux and Windows 4
   - CEG 260 Digital Circuits 4
   - CEG 320 Computer Organization 4
   - CEG 360 Digital System Design 4
   - CEG 402 Intro to Computer Networks 4
   - CEG 433 Operating Systems I 4
   - CEG 453 Embedded Systems 4
   - CEG 498/499 Team Design Projects 8

C. Wireless Concentration Courses (20 hours)
   - CS 470 Systems Simulation 4
   - CEG 404 Wireless Sensor Networks 4
   - CEG 429 Internet Security 4
   - CEG 436 Mobile Computing 4
   - CEG 460 Intro to Software Eng. 4

D. Other Required Engineering Courses (13 hours)
   - EE 301 Circuit Analysis I 4
   - EE 302 Circuit Analysis I Lab 1
   - EE 321 Linear Systems I 4
   - EE 331 Electronic Devices 3
   - EE 332 Electronic Devices Lab 1

E. Technical Communication (3 hours)
   - EGR 335 Technical Communications 3

II. GENERAL EDUCATION (40 hours)

Area I - Communication and Mathematical Skills (8 hours)
   - ENG 101 - Composition I 4
   - ENG 102 - Composition II 4
   - Mathematics (satisfied by required mathematics courses)

Area II – Cultural-Social Foundations (8 hours)

Area III – Human Behavior (8 hours)

Area IV – Human Expression (4 hours)

Additional courses from Areas II, III, and IV (8 hours)

Area V – Natural Science
   Satisfied by required physics courses

Area VI - College Component (4 hours)
   - EGR 190 Fund of Eng. and Comp Sci I * 4
Must have less than 45 credit hours. Approved substitutions for students having more than 45 credit hours: ISE 210, EH 205, EC 290, PSY 110, URS 200

Must select at least 4 Writing Intensive (WI) courses.

III. MATHEMATICS /SCIENCE COURSES (48 hours)

A. Required Mathematics Courses (29 hours)
   - MTH 229 Calculus I
   - MTH 230 Calculus II
   - MTH 231 Calculus III
   - MTH 233 Differential Equations
   - MTH 253 Matrix Algebra
   - MTH 257 Discrete Mathematics
   - STT 363, STT 360, or ISE 301 Statistics

B. Required Physics Courses (16 hours)
   - PHY 240 Physics I
   - PHY 200 Physics I Lab
   - PHY 242 Physics II
   - PHY 202 Physics II Lab
   - PHY 244 Physics III
   - PHY 204 Physics III Lab

C. Mathematics and Science Electives
   (3 hours)

IV. GENERAL ELECTIVES (12 hours)
   Electives may be from any area of study.
COMPUTER ENGINEERING – BACHELOR OF SCIENCE DEGREE
PROGRAM: (191 Hours)

I. COMPUTER SCIENCE AND ENGINEERING COURSES (87 hours)

A. Required Computer Science Courses (19 hours)
   CS 240 Computer Programming I   4
   CS 241 Computer Programming II  4
   CS 242 Computer Programming III 4
   CS 400 Data Structures and Algorithms 4
   CS 415 Social Implications of Computing 3

B. Required Computer Engineering Courses (36 hours)
   CEG 233 Linux and Windows   4
   CEG 260 Digital Circuits    4
   CEG 320 Computer Organization.   4
   CEG 360 Digital System Design 4
   CEG 402 Intro to Computer Networks 4
   CEG 433 Operating Systems I 4
   CEG 453 Embedded Systems  4
   CEG 498/499 Team Projects  8

C. CS/CEG Electives (16 hours)

D. Other Required Engineering Courses (13 hours)
   EE 301 Circuit Analysis I    4
   EE 302 Circuit Analysis I Lab   1
   EE 321 Linear Systems I   4
   EE 331 Electronic Devices   3
   EE 332 Electronic Devices Lab  1

E. Technical Communication (3 hours)
   EGR 335 Technical Communications  3

II. GENERAL EDUCATION (40 hours)

Area I - Communication Skills (8 hours)
   ENG 101 - Composition I    4
   ENG 102 - Composition II   4
   Mathematics (satisfied by required mathematics courses)

Area II – Cultural-Social Foundations (8 hours)

Area III – Human Behavior (8 hours)

Area IV – Human Expression (4 hours)

Additional courses from Areas II, III, and IV (8 hours)

Area V– Natural Science
   Satisfied by required physics courses

Area VI-College Component (4 hours)
   EGR 190 Fund of Eng. and Comp Sci I *   4
*Must have less than 45 credit hours
Approved substitutions for students having more than 45 credit hours: ISE 210, EH 205, EC 290, PSY 110, URS 200

*Must select 4 Writing Intensive (WI) courses from areas II, III, IV and Physics

III. MATHEMATICS /SCIENCE COURSES (48 hours)
A. Required Mathematics Courses (29 hours)
   MTH 229 Calculus I 5
   MTH 230 Calculus II 5
   MTH 231 Calculus III 5
   MTH 253 Matrix Algebra 3
   MTH 257 Discrete Mathematics 3
   STT 363, STT 360, or ISE 301 Statistics 3
   Select one course:
   MTH 233 Differential Equations 5
   MTH 235 Diff Eq with Matrix Algebra 5

B. Required Physics Courses (16 hours)
   PHY 240 Physics I 4
   PHY 200 Physics I Lab 1
   PHY 242 Physics II 4
   PHY 202 Physics II Lab 1
   PHY 244 Physics III 5
   PHY 204 Physics III Lab 1

C. Mathematics and Science Electives (3 hours)

IV. GENERAL ELECTIVES (16 hours)
Electives may be from any area of study.
Department of Computer Science and Computer Engineering
Program Change Proposal

BS in Computer Engineering: Wireless Architecture Option

Motivation: The wireless option of the Computer Engineering program is one of three options in wireless computing being introduced in the College of Engineering and Computer Science. The other two are the Wireless Software Option in the Computer Engineering program and the Wireless Engineering Option in the Electrical Engineering program. The development of wireless engineering, both curricula and research, has been identified as a priority for the College.

The wireless architecture option is being proposed as an option to the new Computer Engineering degree. The option adds five required courses to the core of the proposed CEG degree. The courses in the option will replace CS/CEG and general electives.

The differences between the wireless architecture option and the proposed CEG program are indicated on the following two sheets. The CS/CEG elective category indicated in red in the standard CEG program has been deleted in the new program. The category and courses in blue in the option indicate the additions to the standard program. The requirements for the option are summarized below.

I. Required CS and CEG courses.

The CS/CEG elective category has been replaced with the Wireless Concentration Courses.

II. General Education.

No change from the existing CEG program or proposed general CEG program.

III. Mathematics and Science.

No change from the proposed CEG program.

IV. General Electives (previously none)

The sixteen hours of general electives in the proposed general CEG program are reduced to twelve hours.
The proposed program consists of 191 credit hours and satisfies the requirements for ABET accreditation. The course additions and modifications needed to support these changes have been submitted to UCAPC.
**PROPOSED COMPUTER ENGINEERING – BACHELOR OF SCIENCE (WIRELESS ARCHITECTURE OPTION) (191 Hours)**

I. COMPUTER SCIENCE AND ENGINEERING COURSES (91 hours)

A. Required Computer Science Courses (19 hours)
   - CS 240 Computer Programming I  
   - CS 241 Computer Programming II  
   - CS 242 Computer Programming III  
   - CS 400 Data Structures and Alg.  
   - CS 415 Social Implications of Comp

B. Required Computer Engineering Courses (36 hours)
   - CEG 233 Linux and Windows  
   - CEG 260 Digital Circuits  
   - CEG 320 Computer Organization.  
   - CEG 360 Digital System Design  
   - CEG 402 Intro to Computer Networks  
   - CEG 433 Operating Systems I  
   - CEG 453 Embedded Systems  
   - CEG 498/499 Team Design Projects

C. Wireless Concentration Courses (20 hours)
   - CEG 403 Personal Area Networks  
   - CEG 404 Wireless Sensor Networks  
   - CEG 436 Mobile Computing  
   - EE 421 Digital Communications  
   - EE 473 Wireless Communication I  
   - EE 474 Wireless Communication Lab I

D. Other Required Engineering Courses (13 hours)
   - EE 301 Circuit Analysis I  
   - EE 302 Circuit Analysis I Lab  
   - EE 321 Linear Systems I  
   - EE 331 Electronic Devices  
   - EE 332 Electronic Devices Lab

E. Technical Communication (3 hours)
   - EGR 335 Technical Communications

II. GENERAL EDUCATION (40 hours)

Area I - Communication and Mathematical Skills (8 hours)
   - ENG 101 - Composition I  
   - ENG 102 - Composition II  
   - Mathematics (satisfied by required mathematics courses)

Area II – Cultural-Social Foundations (8 hours)

Area III – Human Behavior (8 hours)

Area IV – Human Expression (4 hours)

Additional courses from Areas II, III, and IV (8 hours)

Area V– Natural Science
   - Satisfied by required physics courses

Area VI-College Component (4 hours)
   - EGR 190 Fund of Eng. and Comp Sci I *
Must have less than 45 credit hours. Approved substitutions for students having more than 45 credit hours: ISE 210, EH 205, EC 290, PSY 110, URS 200

Must select at least 4 Writing Intensive (WI) courses.

III. MATHEMATICS /SCIENCE COURSES (48 hours)

A. Required Mathematics Courses (29 hours)
   - MTH 229 Calculus I  5
   - MTH 230 Calculus II  5
   - MTH 231 Calculus III  5
   - MTH 253 Matrix Algebra  3
   - MTH 257 Discrete Mathematics  3
   - STT 363, STT 360, or ISE 301 Statistics  3
   Select one course:
   - MTH 233 Differential Equations  5
   - MTH 235 Diff Eq with Matrix Algebra  5

B. Required Physics Courses (16 hours)
   - PHY 240 Physics I  4
   - PHY 200 Physics I Lab  1
   - PHY 242 Physics II  4
   - PHY 202 Physics II Lab  1
   - PHY 244 Physics III  5
   - PHY 204 Physics III Lab  1

C. Mathematics and Science Electives  (3 hours)

IV. GENERAL ELECTIVES (12 hours)

Electives may be from any area of study.

GENERAL EDUCATION: Courses must be chosen to satisfy the University General Education requirements.
GENERAL ELECTIVES: Courses may be chosen from any area of study.
SCIENCE COURSES: Courses must be appropriate for science or engineering majors and satisfy the General Education science requirements.
CS/CEG ELECTIVES: 400 level courses from Computer Science or Computer Engineering to provide additional breadth in the discipline.
ALL ELECTIVE COURSES MUST BE APPROVED BY A DEPARTMENT ADVISOR.
COMPUTER ENGINEERING – BACHELOR OF SCIENCE DEGREE
PROGRAM: (191 Hours)

I. COMPUTER SCIENCE AND ENGINEERING COURSES (87 hours)

A. Required Computer Science Courses (19 hours)
   - CS 240 Computer Programming I 4
   - CS 241 Computer Programming II 4
   - CS 242 Computer Programming III 4
   - CS 400 Data Structures and Algorithms 4
   - CS 415 Social Implications of Computing 3

B. Required Computer Engineering Courses (36 hours)
   - CEG 233 Linux and Windows 4
   - CEG 260 Digital Circuits 4
   - CEG 320 Computer Organization 4
   - CEG 360 Digital System Design 4
   - CEG 402 Intro to Computer Networks 4
   - CEG 433 Operating Systems I 4
   - CEG 453 Embedded Systems 4
   - CEG 498/499 Team Projects 8

C. CS/CEG Electives (16 hours)
D. Other Required Engineering Courses (13 hours)
   - EE 301 Circuit Analysis I 4
   - EE 302 Circuit Analysis I Lab 1
   - EE 321 Linear Systems I 4
   - EE 331 Electronic Devices 3
   - EE 332 Electronic Devices Lab 1

E. Technical Communication (3 hours)
   - EGR 335 Technical Communications 3

II. GENERAL EDUCATION (40 hours)

Area I - Communication Skills (8 hours)
   - ENG 101 - Composition I 4
   - ENG 102 - Composition II 4
   - Mathematics (satisfied by required mathematics courses)

Area II – Cultural-Social Foundations (8 hours)

Area III – Human Behavior (8 hours)

Area IV – Human Expression (4 hours)

Additional courses from Areas II, III, and IV (8 hours)

Area V – Natural Science
   - Satisfied by required physics courses

Area VI - College Component (4 hours)
   - EGR 190 Fund of Eng. and Comp Sci I * 4
   *Must have less than 45 credit hours
Approved substitutions for students having more than 45 credit hours: ISE 210, EH 205, EC 290, PSY 110, URS 200

*Must select 4 Writing Intensive (WI) courses from areas II, III, IV and Physics

III. MATHEMATICS /SCIENCE COURSES (48 hours)
A. Required Mathematics Courses (29 hours)
   - MTH 229 Calculus I 5
   - MTH 230 Calculus II 5
   - MTH 231 Calculus III 5
   - MTH 253 Matrix Algebra 3
   - MTH 257 Discrete Mathematics 3
   - STT 363, STT 360, or ISE 301 Statistics 3
   Select one course:
   - MTH 233 Differential Equations 5
   - MTH 235 Diff Eq with Matrix Algebra 5

B. Required Physics Courses (16 hours)
   - PHY 240 Physics I 4
   - PHY 200 Physics I Lab 1
   - PHY 242 Physics II 4
   - PHY 202 Physics II Lab 1
   - PHY 244 Physics III 5
   - PHY 204 Physics III Lab 1

C. Mathematics and Science Electives (3 hours)

IV. GENERAL ELECTIVES (16 hours)
Electives may be from any area of study.

GENERAL EDUCATION: Courses must be chosen to satisfy the University General Education requirements.
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CS/CEG ELECTIVES: 400 level courses from Computer Science or Computer Engineering to provide additional breadth in the discipline.
ALL ELECTIVE COURSES MUST BE APPROVED BY A DEPARTMENT ADVISOR.
Date: 10.10.06

To: Joseph Keferl, Rh.D., Chair-Curriculum Committee
Human Services Department

From: Carol A. Wagner Williams, Ph.D.
Faculty Advisor- Rehabilitation Services

Re: Rehabilitation Services Course Modifications
Rehabilitation Services Program Changes
-overall program
-minor requirements

Enclosed, you will find course modifications for RHB 401 - This course will become Introduction to Mental Retardation/Developmental Disabilities. CNL 463 (Mental Health) will be added to the Rehabilitation Services Program to cover Psychiatric Disabilities.

Additionally, the RHB 403 (Practicum) has a name change to Internship. This course name change is being done to "blend in" with the "jargon" of the rehabilitation services field.

Programmatic changes are requested to the rehabilitation services program. The total hours to earn a rehabilitation services degree will remain 192. Changes occur in the following areas:

<table>
<thead>
<tr>
<th>Rehabilitation Services Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Present</td>
</tr>
<tr>
<td>60 hours</td>
</tr>
</tbody>
</table>

Rationale: RHB 401 (which is currently Introduction to Mental Retardation/Developmental Disabilities/Psychiatric disabilities will be modified to: Introduction to mental retardation/Developmental Disabilities and CNL 463 Mental Health will cover psychiatric disabilities. This course is currently offered, however has not been required of rehabilitation services majors.
## Rehabilitation Services Requirements (64)

<table>
<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>RHB 404</td>
<td>RHB 202*</td>
<td>RHB 201*</td>
<td>RHB 407*</td>
</tr>
<tr>
<td>CNL 461*</td>
<td>RHB 304*</td>
<td>RHB 303*</td>
<td>*no prerequisite</td>
</tr>
<tr>
<td>CNL 467*</td>
<td>RHB 305*</td>
<td>RHB 402*</td>
<td>RHB 403</td>
</tr>
<tr>
<td>RHB 403*</td>
<td>RHB 407*</td>
<td>CNL 467</td>
<td>BIO 107 prerequisite</td>
</tr>
<tr>
<td>CNL 463*</td>
<td>RHB 401*</td>
<td>CNL 463*</td>
<td>Select one for RHB minor</td>
</tr>
<tr>
<td>RHB 301*</td>
<td>RHB 403</td>
<td></td>
<td>RHB 403</td>
</tr>
</tbody>
</table>

Writing Intensive: (2 courses required)  
1) RHB 202\*  2) RHB 402\*

### Related Courses (43)

- MGT 200
- COM 101
- ATR 482

Psychology Electives: PSY 311 and 12 hours additional psychology courses

Sociology/Anthropology Electives: (16) ____________ ____________ ____________ ____________ ____________ ____________ ____________ ____________ ____________ ____________ ____________ ____________ ____________

### General Education Requirements (56)

#### Area One: (12)
- ENG 101
- ENG 102
- MTH 145

#### Area Two: (8 hours minimum - Choose one course from History & Non-Western)

- **History:** 1) CLS 150  2) HST 101  3) HST 102  4) HST 103
- **Non-Western World:** 1) CST/CSE  \( \varepsilon \)  2) RST/RSE \( \varepsilon \)  3) HLT 202 \( \varepsilon \)  4) URS 200 \( \varepsilon \)

#### Area Three: (8 hours minimum - Choose two from different groupings, numbered below)

- ____________ 1) ECON 200 \( \varepsilon / 290 \)  2) PLS 200  3) PSY 105  4) SOC 200 \( \varepsilon \) or WMS 200 \( \varepsilon \)

#### Area Four: (4 hours minimum - Choose one course)

- CLS/ENG/PHL/REL 204 \( \varepsilon \)  ART/MUS/TH 214; MUS 290

#### Additional courses from Area Two, Three, and Four: (8 Hours -- Choose two additional courses not previously taken.)

*The courses must come from different groupings other than those selected above unless you choose Area II. If you choose Area II, one course may come from any grouping in Area II.*

- 1) ____________  2) ____________

#### Area Five: (12 hours of natural science)
- BIO 107 \( \varepsilon \)  Lab Science  Lab Science  ____________
  or Human Anatomy

#### Area Six: (4 hours -- College Component)
- RHB 210 \( \varepsilon \)

#### General Education Writing Intensive WI: (4 courses required)  
1) ____________  2) ____________  3) ____________  4) ____________  \( \varepsilon \) writing intensive

### Electives (29)

<table>
<thead>
<tr>
<th>High School Deficiency:</th>
<th>Foreign Language</th>
<th>Mathematics</th>
<th>Social Science</th>
<th>Fine Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>__101</td>
<td></td>
<td>128,129,130,131,228,</td>
<td>History &amp; 1 G.E. course</td>
<td>ART/TH/MUS 214 or</td>
</tr>
<tr>
<td>__102</td>
<td></td>
<td>229,230,231,232, or 233</td>
<td>in History or Human</td>
<td>MUS 290</td>
</tr>
<tr>
<td>__103</td>
<td></td>
<td></td>
<td>Behavior.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>__HST __HST</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>__HST/HUM/BEV.</td>
<td></td>
</tr>
</tbody>
</table>

DEV. Credits do not count toward graduation. Only six credits of HPR skills courses (i.e. HPR 100, 100) count toward graduation.  
Total Credit Hours Required for Degree Program: 192. Cumulative Grade Point Average Required 2.35 for entrance to the major, 2.5 GPA required to complete Practicum. The Rehabilitation Services Program is listed in the Registry of Undergraduate Rehabilitation Services Programs. Students may enroll in the Rehabilitation Services Honors program by contacting Dr. Wagner Williams.
### Related Courses

<table>
<thead>
<tr>
<th>Present</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>45 hours</td>
<td>43 hours</td>
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</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 101</td>
<td>3</td>
<td>COM 101</td>
<td>4</td>
</tr>
<tr>
<td>COM 141</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOC/ANTH</td>
<td>16</td>
<td>SOC/ANTH</td>
<td>16</td>
</tr>
<tr>
<td>Abnormal PSY</td>
<td>4</td>
<td>Abnormal PSY</td>
<td>4</td>
</tr>
<tr>
<td>PSYCH</td>
<td>12</td>
<td>PSYCH</td>
<td>12</td>
</tr>
<tr>
<td>MGT 200</td>
<td>4</td>
<td>MGT 200</td>
<td>4</td>
</tr>
<tr>
<td>ATR 482</td>
<td>3</td>
<td></td>
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</table>

### Electives

<table>
<thead>
<tr>
<th>Present</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>32 hours</td>
<td>29 hours</td>
</tr>
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</table>

Due to the rehabilitation services course changes, the requirements for the Rehabilitation Services minor also are changing. In the past, students were required to take RHB 401. In the proposed changes students will select from RHB 401, RHB 305 or CNL 463 and then will be required to complete their RHB 403 hours in that area.

<table>
<thead>
<tr>
<th>Present</th>
<th>Proposed</th>
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<tbody>
<tr>
<td>RHB 201</td>
<td>4</td>
</tr>
<tr>
<td>RHB 301</td>
<td>4</td>
</tr>
<tr>
<td>RHB 303</td>
<td>4</td>
</tr>
<tr>
<td>RHB 304</td>
<td>4</td>
</tr>
<tr>
<td>RHB 305</td>
<td>4</td>
</tr>
<tr>
<td>RHB 401</td>
<td>4</td>
</tr>
<tr>
<td>CNL 463*</td>
<td>4</td>
</tr>
<tr>
<td>RHB 402</td>
<td>4</td>
</tr>
<tr>
<td>RHB 407</td>
<td>4</td>
</tr>
<tr>
<td>RHB 403</td>
<td>6</td>
</tr>
</tbody>
</table>

*NOTE: Students take either: RHB 305, RHB 401 or CNL 463 and then concentrate their internship in area of either substance abuse, MR/DD, or Psychiatric disabilities*
## Rehabilitation Services Program

<table>
<thead>
<tr>
<th>Dept.</th>
<th>Num</th>
<th>CrHr</th>
<th>Course Title</th>
<th>Dept.</th>
<th>Num</th>
<th>CrHr</th>
<th>Course Title</th>
<th>Description of changes</th>
<th>Pre-requisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>RHB</td>
<td>201</td>
<td>4.0</td>
<td>Introduction to Rehabilitation</td>
<td>RHB</td>
<td>201</td>
<td>4.0</td>
<td>Introduction to Rehabilitation</td>
<td>No Change</td>
<td></td>
</tr>
<tr>
<td>RHB</td>
<td>202</td>
<td>4.0</td>
<td>Rehabilitation Resources</td>
<td>RHB</td>
<td>202</td>
<td>4.0</td>
<td>Rehabilitation Resources</td>
<td>No Change</td>
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</tr>
<tr>
<td>RHB</td>
<td>301</td>
<td>4.0</td>
<td>Medical Aspects of Rehabilitation I</td>
<td>RHB</td>
<td>301</td>
<td>4.0</td>
<td>Medical Aspects of Rehabilitation I</td>
<td>No Change</td>
<td></td>
</tr>
<tr>
<td>RHB</td>
<td>303</td>
<td>4.0</td>
<td>Strategies for Employing Persons with Disabilities</td>
<td>RHB</td>
<td>303</td>
<td>4.0</td>
<td>Strategies for Employing Persons with Disabilities</td>
<td>No Change</td>
<td></td>
</tr>
<tr>
<td>RHB</td>
<td>304</td>
<td>4.0</td>
<td>Rehabilitation Casework</td>
<td>RHB</td>
<td>304</td>
<td>4.0</td>
<td>Rehabilitation Casework</td>
<td>No Changes</td>
<td></td>
</tr>
<tr>
<td>RHB</td>
<td>305</td>
<td>4.0</td>
<td>Substance Abuse: Societal and Human Issues</td>
<td>RHB</td>
<td>304</td>
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<td>Substance Abuse: Societal and Human Issue</td>
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<td></td>
</tr>
<tr>
<td>RHB</td>
<td>401</td>
<td>4.0</td>
<td>Mental Retardation/Psychiatric Disabilities</td>
<td>RHB</td>
<td>401</td>
<td>4.0</td>
<td>Mental Retardation/Psychiatric Disabilities</td>
<td>No Change</td>
<td></td>
</tr>
<tr>
<td>RHB</td>
<td>402</td>
<td>4.0</td>
<td>Career Assessment</td>
<td>RHB</td>
<td>402</td>
<td>4.0</td>
<td>Career Assessment</td>
<td>No Change</td>
<td></td>
</tr>
<tr>
<td>RHB</td>
<td>403</td>
<td>4.0-12.0</td>
<td>Rehabilitation Practicum</td>
<td>RHB</td>
<td>403</td>
<td>4.0-12.0</td>
<td>Rehabilitation Practicum</td>
<td>No Change</td>
<td></td>
</tr>
<tr>
<td>RHB</td>
<td>404</td>
<td>4.0</td>
<td>Independent Living/Rehabilitation Technology</td>
<td>RHB</td>
<td>404</td>
<td>4.0</td>
<td>Independent Living/Rehabilitation Technology</td>
<td>No Change</td>
<td></td>
</tr>
<tr>
<td>RHB</td>
<td>407</td>
<td>4.0</td>
<td>Principles of Rehabilitation Counseling</td>
<td>RHB</td>
<td>407</td>
<td>4.0</td>
<td>Principles of Rehabilitation Counseling</td>
<td>No Change</td>
<td></td>
</tr>
<tr>
<td>CNL</td>
<td>461</td>
<td>4.0</td>
<td>Principles of Counseling</td>
<td>CNL</td>
<td>461</td>
<td>4.0</td>
<td>Principles of Counseling</td>
<td>No Change</td>
<td></td>
</tr>
<tr>
<td>CNL</td>
<td>467</td>
<td>4.0</td>
<td>Group Background and Theory</td>
<td>CNL</td>
<td>467</td>
<td>4.0</td>
<td>Group Background and Theory</td>
<td>No Change</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Total RHB Hours</strong></td>
<td>CNL</td>
<td>463</td>
<td>4.0</td>
<td>Mental Health</td>
<td>New Course</td>
<td></td>
</tr>
</tbody>
</table>

60.0 **Total RHB Hours**

64.0 **Total RHB Hours**
<table>
<thead>
<tr>
<th>Related Courses</th>
<th>Related Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT 200 4.0 Elements of Management and Supervision</td>
<td>MGT 200 4.0 Elements of Management and Supervision</td>
</tr>
<tr>
<td>COM 101 3.0 Essentials of Public Address</td>
<td>COM 101 3.0 Essentials of Public Address</td>
</tr>
<tr>
<td>COM 102 3.0 Essentials of Interpersonal Communication</td>
<td></td>
</tr>
<tr>
<td>COM 141 3.0 Small Group Communication</td>
<td></td>
</tr>
<tr>
<td>PSY 311 4.0 Abnormal Psychology</td>
<td>PSY 311 4.0 Abnormal Psychology</td>
</tr>
<tr>
<td>PSY ELECTIVE S 12.0</td>
<td>PSY ELECTIVE S 12.0</td>
</tr>
<tr>
<td>SOC/ANT ELECTIVE S 16.0</td>
<td>SOC/ANT ELECTIVE S 16.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GENERAL EDUCATION REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area I 12.0</td>
</tr>
<tr>
<td>ENG 101 4.0 Processes of Writing</td>
</tr>
<tr>
<td>ENG 102 4.0 Effective Written Discourse</td>
</tr>
<tr>
<td>MTH 145 4.0 Mathematics and the Modern World</td>
</tr>
<tr>
<td>Area II 8.0</td>
</tr>
<tr>
<td>Area III 8.0</td>
</tr>
<tr>
<td>Area IV 4.0</td>
</tr>
<tr>
<td>Area V 12.0</td>
</tr>
<tr>
<td>BIO 105 4.0 Introductory Biology: Food</td>
</tr>
<tr>
<td>BIO 106 4.0 Introductory Biology: Biodiversity</td>
</tr>
<tr>
<td>BIO 107 4.0 Introductory Biology: Disease</td>
</tr>
<tr>
<td>Area</td>
</tr>
<tr>
<td>------</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>56.0</td>
</tr>
</tbody>
</table>
Undergraduate Curriculum and Academic Policy Committee

Procedures and Guidelines for Preparing Changes in Existing Programs

Changes in Existing Programs

Academic units have primary responsibility for determining the curriculum requirements for major, minor, and certificate programs. Upon review, the University Curriculum and Academic Policy Committee normally approves recommendations for program changes. However, changes in programs may have significant resource implications, sometimes for other academic units, and the following process is intended to facilitate appropriate levels of communication of changes and consideration of the implications of changes. Also, programs being changed should continue to meet general university guidelines as indicated in the applicable guidelines for proposing new major, minor, and certificate programs.

Changes in programs to be submitted for review and approval include changes in admission, program, and graduation requirements, including changes in the program of courses as would typically be listed in the undergraduate catalog, namely, the specific listing of course requirements and options and corresponding numbers of credit hours.

A formal proposal for changes in existing programs must be reviewed and approved by the appropriate college or school curriculum committee, the college or school faculty if required by that unit, the University Curriculum and Academic Policy Committee, and the Faculty Senate.

Changes in general university graduation requirements and in college, school, or program admission requirements may be implemented no sooner than one full year after approval by the Faculty Senate. Exceptions to this waiting period will be routinely granted upon request with the proposed change if the requested implementation is considered not to inconvenience students planning to enter a program, for example by imposing new requirements typically taken in the first two years of study.

Procedures and Guidelines for Preparing Changes in Existing Programs

Requests for changes in existing major, minor, and certificate programs should observe the following format and guidelines:

I. Title of Program and college or school and department responsible for administering the program.

II. Program Changes: Description of the existing requirements, proposed requirements, and the specific changes. Where appropriate, such as changes involving admission requirements, program requirements, graduation requirements, and student performance requirements, provide existing requirements, proposed requirements, and specific changes.

When new courses or modifications of existing courses are being proposed in conjunction with the program changes, the appropriate course inventory (Course Inventory Request Form) and course modification (Course Modification Request Form) requests and necessary supporting documentation must accompany the proposal.
III. Transition Plan: Program changes may affect students currently enrolled in a program (for example, changing a course or courses from three to four credit hours, deleting a required course or courses from the program, or collapsing a three course sequence into a two course sequence so that the third course that was previously required is no longer required and offered). In such cases, provisions must be made to guarantee that students enrolled in the program will have sufficient opportunity to complete the program without any penalty in time or cost to graduation. When proposed program changes carry such implications, it is necessary to provide a transition plan of course offerings or alternatives that may include transition courses and a transition time line that guarantees students have sufficient opportunity to complete their program of study.

IV. Curriculum Coordination. Before proposals are sent forward for approval, they should be reviewed by all departments and program units that may be affected by the proposed program because of similar courses or course content, because of shared student clientele, or because the program of study, including course prerequisites, requirements, or electives carries scheduling or faculty and other resource implications. Providing supporting letters or signed forms from potentially affected departments will facilitate the review.

V. Resource Coordination. Proposals should assess needs pertaining to computer and library resources. In addressing the impact of those needs, the Director of Computing & Telecommunications Services and the University Librarian should be consulted, respectively. The results of this review should be included in the program proposal.

**Distance Education Programs**

If the proposed program change is to offer the program through distance delivery methods as defined in the following procedures and guidelines, then it is required that additional documentation be submitted and requirements be adhered to as specified in:

**Procedures and Guidelines for Distance Education Programs**

An original and nineteen copies of the proposal, Course Inventory and Course Modification Requests, and supporting letters or forms from potentially affected departments or program units should be submitted through the dean's office of the department's college or school to the Undergraduate Curriculum and Academic Policy Committee. At the same time, the dean's office should provide copies to all other deans of colleges and schools to be made available for additional review by curriculum committees, departments, and faculty and to the Office of the Provost, and other university offices as deemed necessary by the Office of the Provost and the Council of Deans.

A flowchart of the curriculum and academic policy review process for program changes is contained in the following (requires Adobe Acrobat Reader):

**Flowchart for Curriculum and Academic Policy Review Process: Changes in Existing Programs**

Approved:

Undergraduate Curriculum and Academic Policy Committee, April 19, 2001
Faculty Senate, May 7, 2001
General Faculty, May 8, 2001

Revised:
Undergraduate Curriculum and Academic Policy Committee, January 18, 2005
Faculty Senate, March 7, 2005
Date: September 28, 2006

To: COLA Curriculum Committee  
Sharon Nelson, Associate Dean

From: Tracey Steele, Director, Criminal Justice Program

Re: Proposed Additions to CRJ Foundation Course Options.

Dear Committee:

In our ongoing efforts to improve the quality and scope of our program’s course offerings, the criminal justice program would like to add the following courses to the approved list of curricular requirements. Each of the additions involves courses already “on the books” which we feel will fit well with the curricular goals of our program.

The major is composed of three types of course requirements (see attached checksheet). These include five Core courses, nine Foundation courses (three four-hour courses from a variety of options available in each of three substantive areas—Behavior, Institutions, and Law), and three Advanced Electives. The proposed additions would be added to the selections within the Foundation requirements. More specifically we ask that:

1) PHL 414 – Philosophy of Law be approved as an option for the Area 3 “Law” Foundation requirements, and

2) PSY 311—Abnormal Psychology and PSY 200—Psychology of Incarceration, be added to the existing Area 1 “Behavior” options.

I have attached memos from David Barr, Chair of the Department of Philosophy; and Jean M. Edwards, Associate Chair of the Department of Psychology Department indicating their respective departments’ support for these additions to the Criminal Justice curriculum.

Please feel free to contact me should you have any questions.

Thank you.
College of Liberal Arts  
Program Requirements Change

Department:

Major Program: **Criminal Justice**

Minor Program: ________________________________

Certificate Program: ________________________________

<table>
<thead>
<tr>
<th>CURRENT</th>
<th>NEW</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>I. General Education</td>
<td>I. General Education</td>
</tr>
<tr>
<td>AREA I Communications</td>
<td><strong>This area remains the same</strong></td>
</tr>
<tr>
<td>ENG 101</td>
<td>4</td>
</tr>
<tr>
<td>ENG 102</td>
<td>4</td>
</tr>
<tr>
<td>MTH 145</td>
<td>4</td>
</tr>
<tr>
<td>AREA II Cultural-Social Foundations</td>
<td></td>
</tr>
<tr>
<td>One course from:</td>
<td></td>
</tr>
<tr>
<td>HST 101, 102 or 103; CLS 150</td>
<td>4</td>
</tr>
<tr>
<td>One course from:</td>
<td></td>
</tr>
<tr>
<td>RST 261, 281 or 291; CST 221, 231, 241, or 251</td>
<td>4</td>
</tr>
<tr>
<td>AREA III Human Behavior</td>
<td></td>
</tr>
<tr>
<td>Two courses from:</td>
<td>8</td>
</tr>
<tr>
<td>SOC 200; EC 200; PLS 200; PSY 105</td>
<td></td>
</tr>
<tr>
<td>AREA IV Human Expression</td>
<td>4</td>
</tr>
<tr>
<td>One course from:</td>
<td>8</td>
</tr>
<tr>
<td>ENG/PHL/REL 204; or ART/MUS/TH 214</td>
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<tr>
<td>Two additional courses from two of the Areas II, III, and IV</td>
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</tr>
<tr>
<td>AREA V Natural Sciences</td>
<td>12</td>
</tr>
<tr>
<td>Three courses/sets (plus labs) from:</td>
<td></td>
</tr>
<tr>
<td>BIO 105, 106, 107; CHM 105, 106, 107; GL 105, 106, 107; PHY 105, 106, 107</td>
<td></td>
</tr>
<tr>
<td>AREA VI College Component</td>
<td>4</td>
</tr>
<tr>
<td>One writing intensive course</td>
<td></td>
</tr>
<tr>
<td>TOTAL GENERAL EDUCATION HOURS</td>
<td><strong>56</strong></td>
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<tr>
<th>II. Departmental Requirements</th>
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<td>Core Requirements</td>
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</tr>
<tr>
<td>PLS 442</td>
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</tr>
<tr>
<td>PLS 210 or SOC 300</td>
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</tr>
<tr>
<td>SOC 306 or URS 410</td>
<td>4</td>
</tr>
<tr>
<td>URS 411</td>
<td>4</td>
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<tr>
<td>SOC 433</td>
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</tr>
<tr>
<td>Foundation Requirements</td>
<td>36</td>
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<td>12 hours from each area:</td>
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<tr>
<td>AREA I Behavior</td>
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<td>PLS 435; SOC 320, 330, 332, 442; URS 450</td>
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<td>AREA II Institutions</td>
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<td>PLS 322, 341, 344, 445; SOC 350; PLS/URS 321, 345; URS 420</td>
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<td>AREA III Law</td>
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<tr>
<td>PLS 340, 342, 343, 431, 436, 437; SOC 432</td>
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<tr>
<td>Advanced Criminal Justice Electives</td>
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<tr>
<td>12 hours chosen among 300/400 level courses with a minimum of 4 hours at the 400 level.</td>
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<tr>
<td>SOC 300, 306, 313, 315, 320, 330, 332, 350, 360, 406,</td>
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<tr>
<td>*class counts for Liberal Arts Research Methods also</td>
<td></td>
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<tr>
<td>Foundation Requirements</td>
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<tr>
<td>12 hours from each area:</td>
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<tr>
<td>AREA I Behavior</td>
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<tr>
<td>PLS 435; SOC 320, 330, 332, 442; URS 450, PSY 311</td>
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<td>AREA II Institutions</td>
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<td>PLS 322, 341, 344, 445; SOC 350, 422, 432, 457; PLS/URS 321, 345; URS 420</td>
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<td>AREA III Law</td>
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<td>PLS 340, 342, 343, 431, 436, 437; SOC 422, PHL 414</td>
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<td>Advanced Criminal Justice Electives</td>
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<td>12 hours chosen among 300/400 level courses with a minimum of 4 hours at the 400 level.</td>
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<tr>
<td>PLS 322, 323, 340, 341, 342, 343, 344, 345, 346, 375,</td>
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<td>Total Departmental Requirements</td>
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<td><strong>III. Related Requirements</strong></td>
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<td><strong>IV. Foreign Language and Research Methods</strong></td>
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<tr>
<td>Foreign Language</td>
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<tr>
<td>Through 202 level (101, 102, 103, 201, 202) OR American Sign Language (101, 102, 103, 228, 229, 230)</td>
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<td>Research Methods</td>
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<td>One course from:</td>
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<td>CS 205, 206, 141, or MIS 100)</td>
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<td>One course from:</td>
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<td>PHL 215, 223, 323, 471, or 472)</td>
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<td>One course from:</td>
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<tr>
<td>SOC 306* or URS 410*</td>
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<td>*class counts for Liberal Arts Research Methods also</td>
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<td><strong>Total Foreign Language and Research Methods</strong></td>
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<td><strong>V. Electives</strong></td>
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<td>General Electives</td>
<td>36-40</td>
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<td><strong>Total</strong></td>
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</table>

**Notes:**
MEMO: Curriculum Committee
FROM: Stuart McDowell, Chair
Department of Theatre, Dance and Motion Pictures

Teressa Wylie McWilliams, Coordinator
Dance Program

DATE: November 1, 2006
RE: BFA Dance Program Requirement Changes

Based on our annual assessment, the Department of Theatre, Dance, and Motion Pictures requests the following changes in the degree requirements and the addition of three new courses.

A. The Department of Theatre, Dance, and Motion Pictures requests the following course changes be applied to the degree requirements for a BFA in Dance for Fall 2007:

The following courses to be added to the degree requirements for dance:
Two credit hours from the following:
DAN 207, 208, 209 (Beginning Tap Dance, 1 credit hour)
DAN 307, 308, 309 (Intermediate Tap Dance, 1 credit hour)
DAN 407, 408, 409 (Advanced Tap Dance, 1 credit hour)

Two credit hours from the following:
DAN 431 (Pointe, 1 credit hour)
DAN 432 (Men’s Ballet Class, 1 credit hour)

Two credit hours from the following list or other courses as approved by advisor:
TH 238 (Intro to Movement I/Alexander Technique, 2 credit hours)
TH 239 (Intro to Movement II/Alexander Technique, 2 credit hours)
Approved HPR 100 and HPR 101 courses (Yoga, Strengthen/Tone/Pilates, Aerobic Conditioning, Step Aerobics, Strengthen and Tone, etc.)
Other courses as approved by advisor

The following courses to be deleted from the related requirements for dance:
MUS 214 (Music in Western Culture, 4 credit hours)
MUS 117 (Music Listening IV: Jazz, 3 credit hours)
The dance curriculum has remained virtually unchanged for 30 years. With the transition of three new faculty members in dance, certain course changes seem appropriate and greatly needed to enhance the quality education of the dance majors.

Dance is replacing two of the previously required four music courses with 2 quarters of tap, 2 quarters of either pointe or men’s ballet class, and 2 quarters of specialized physical training from an approved list. That list includes but is not limited to Alexander, Yoga, Aerobic Conditioning, Strengthen/Tone/Pilates, Step Aerobics, Strengthen and Tone, etc. With this change, the dance majors will receive specific training in important areas that enhance their overall performance and reflect current trends in training and professional performance.

B. Department of Theatre, Dance, and Motion Pictures requests the addition of the following new courses to the current inventory:

1. DAN 407 Advanced Tap Dance, (1 credit hour)
   DAN 408 Advanced Tap Dance, (1 credit hour)
   DAN 409 Advanced Tap Dance, (1 credit hour)

Dance requests the addition of an advanced tap class to accommodate a higher level of tap instruction. The current curriculum offers Beginning Tap (DAN 207/208/209) and Intermediate Tap (DAN 307/308/309). The request is to add an advanced tap course to the dance course inventory.

Attached for the BFA departmental program changes in dance are the Program Requirement Change form and Course Inventory Requests with attached sample syllabi.
# College of Liberal Arts

## Program Requirements Change

**Department:** Theatre Arts  
**Major Program:** Dance

**Minor Program:** 

**Certificate Program:** 

<table>
<thead>
<tr>
<th>CURRENT</th>
<th>NEW</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>I. General Education</strong></td>
<td><strong>II. Departmental Requirements</strong></td>
</tr>
</tbody>
</table>
| Area IV Human Expression  
| **TOTAL GENERAL EDUCATION HOURS** 56 | **TOTAL GENERAL EDUCATION HOURS** 56 |
| **II. Departmental Requirements** | **II. Departmental Requirements** |
| **TOTAL** 192 | **TOTAL** 192 |

**Notes:**

Approved: Curriculum Committee  
Date:  
UCAPC  
Faculty Senate