



11-2021

UCC Minutes, 03/05/2009

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UNDERGRADUATE CURRICULUM COMMITTEE MINUTES

Date: 3/5/09

Minutes Approved by: SOZS Date Approved 3/25/09

TO: Dr. Stephen A. Richters
Provost

FROM: Dr. Lon Smith, Chair
Undergraduate Curriculum Committee
And
Dr. A. Serpil Saydam, Vice-Chair and Secretary
Undergraduate Curriculum Committee

FACULTY MEMBERS PRESENT: L. Smith, J. Burgess, B. Fassett, P. Jones, C. Michaelides, H. Rappaport, B. Ricks, S. Saydam, D. Schween, J. Stockley
FACULTY MEMBERS ABSENT: C. Harris, P. Nelson
FACULTY MEMBERS EXCUSED: N/A
EX-OFFICIO MEMBERS PRESENT: N/A
EX-OFFICIO MEMBERS EXCUSED: C. Lee, J. Perrerr
STUDENT MEMBERS PRESENT: N/A

1. **THE SCHOOL OF NURSING** requests:

Presenter:	M. Matusiak
Action:	CHANGE description of NURS 216 (COMPUTING FOR NURSES)
Current Course Description: 216. COMPUTING FOR NURSES. 1 cr. Fundamentals of computer network usage, drug dosage calculations, nursing simulations, and hospital management programs. One hour lecture and two hours laboratory.	
Proposed Course Description: 216. COMPUTING FOR NURSES. 1 cr. Fundamentals of computer network usage, drug dosage calculations, nursing simulations, and hospital management programs. One hour lecture and two hours laboratory. Prerequisite: CSCI 170.	
Credit Hours:	
Current Level:	
Activity Type:	
Maximum Hours To Be Earned:	
Cross-Listed:	
Change Effective:	094
First Term Offered:	
Last Term Offered:	

Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	Approved
Notes:	Change in the prerequisites of course

2. **THE SCHOOL OF NURSING** requests:

Presenter:	M. Matusiak
Action:	CHANGE description of NURS 437 (PROFESSIONAL ISSUES AND TRENDS)
<p>Current Course Description: 437. PROFESSIONAL ISSUES AND TRENDS. 2 cr. A synthesis course designed to enhance the student's knowledge of the demands facing professional nurses in current practice settings based on past and present events. Prerequisite: Completion of NURS 323, 325, or 404, 405 or approval of the Director, School of Nursing.</p> <p>Proposed Course Description: 437. PROFESSIONAL ISSUES AND TRENDS. 2 cr. A synthesis course designed to enhance the student's knowledge of the demands facing professional nurses in current practice settings based on past and present events. Prerequisite: Completion of NURS 323, 325, or 220, 404, 405 or approval of the Director, School of Nursing.</p>	
Credit Hours:	
Current Level:	
Activity Type:	
Maximum Hours To Be Earned:	
Cross-Listed:	
Change Effective:	094
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	Approved
Notes:	Change in the prerequisites of course

3. **THE SCHOOL OF NURSING** requests:

Presenter:	M. Matusiak
Action:	CHANGE description of NURS 430 (NURSING RESEARCH)
<p>Current Course Description: 430. NURSING RESEARCH. 3 cr. Basic research methods applied to problems in patient care. Prerequisites: NURS 220, 305 or 307, or 321, or approval of instructor.</p> <p>Proposed Course Description: 430. NURSING RESEARCH. 3 cr. Basic research methods applied to problems in patient care. Prerequisites: NURS 220, 305 or 307, or 321, or Dental Hygiene major or approval of the Director, School of Nursing.</p>	
Credit Hours:	
Current Level:	
Activity Type:	
Maximum Hours To Be Earned:	
Cross-Listed:	
Change Effective:	094
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	Approved
Notes:	Change in the prerequisites of course

4. **THE SCHOOL OF NURSING** requests:

Presenter:	M. Matusiak
Action:	ADD COURSE: NURS 440 (FAITH COMMUNITY NURSING)
<p>Course Description: 440. FAITH COMMUNITY NURSING. 3 cr. Online course introducing students to a specialty practice that combines professional nursing and health ministry. Prerequisites: NURS 332, NURS 334, NURS 430 or approval of Director, School of Nursing. Sum 1, Sum2</p>	
Credit Hours:	3
Current Level:	Undergraduate
Activity Type:	LEC (online)
Maximum Hours To Be Earned:	3

Cross-Listed:	
Change Effective:	092
First Term Offered:	092
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	FIXED
Abbreviated Course Title:	FAITH COMMUNITY NURS
UCC Decision:	Approved
Notes:	

5. **THE DEPARTMENT OF HEALTH STUDIES** requests:

Presenter:	M. Matusiak
Action:	CHANGE description of HLST 303 (HEALTH PRACTICUM I)
<p>Current Course Description: 303. HEALTH PRACTICUM I. 1 cr. This is a professional development course as well as preparation for Health Science Practicum II. Students select an agency and develop personal goals and objectives appropriate to the setting, population, and health issues. The students will learn about preparing for careers in healthcare. The practicum is generally performed in the student's junior year. Prerequisites: College of Health Sciences majors only.</p> <p>Proposed Course Description: 303. HEALTH PRACTICUM I. 1 cr. This is a professional development course as well as preparation for Health Science Practicum II. Students select an agency and develop personal goals and objectives appropriate to the setting, population, and health issues. The students will learn about preparing for careers in healthcare. The practicum is generally performed in the student's junior year. Prerequisites: College of Health Sciences majors only, ENGL 321 or BUSN 305.</p>	
Credit Hours:	
Current Level:	
Activity Type:	
Maximum Hours To Be Earned:	
Cross-Listed:	
Change Effective:	094
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	

UCC Decision:	Approved
Notes:	Change in the prerequisites of course

6. **THE DEPARTMENT OF HEALTH STUDIES** requests:

Presenter:	M. Matusiak
Action:	CHANGE description of HLST 304 (RESEARCH DESIGN FOR HEALTHCARE)
<p>Current Course Description: 304. RESEARCH DESIGN FOR HEALTHCARE. 3 cr. This course is designed as a capstone course for the student. The course concentrates on details of health science research design and evidence-based practice. Students are guided through a step-by-step approach to qualitative, comparative and quantitative research designs. Students learn to design, interpret and analyze research findings applicable to healthcare. Prerequisites: Math 116 and junior standing.</p> <p>Proposed Course Description: 304. RESEARCH DESIGN FOR HEALTHCARE. 3 cr. This course is designed as a capstone course for the student. The course concentrates on details of health science research design and evidence-based practice. Students are guided through a step-by-step approach to qualitative, comparative and quantitative research designs. Students learn to design, interpret and analyze research findings applicable to healthcare. Prerequisites: Math 116, completion of all University Core Curriculum and junior standing.</p>	
Credit Hours:	
Current Level:	
Activity Type:	
Maximum Hours To Be Earned:	
Cross-Listed:	
Change Effective:	094
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	Approved
Notes:	Change in the prerequisites of course

7. **THE DEPARTMENT OF HEALTH STUDIES** requests:

Presenter:	M. Matusiak
Action:	CHANGE description of HLST 403 (HEALTH SCIENCE

PRACTICUM II)	
<p>Current Course Description:</p> <p>403. HEALTH SCIENCE PRACTICUM II. 3 cr. This is a practicum performed in the student's senior year. Under supervision in an approved agency, the student will have the opportunity for on-the-job experiences. The practicum is project-based in that the student is expected to produce tangible output for the host organization. It is expected that the student will select a practicum site, which is consistent with career interests and objectives. Prerequisites: HLST 303 and senior standing; Health Studies majors only; completion of 90 credit hours towards Health Studies degree; completion of 15 credit hours of Health Studies courses.</p> <p>Proposed Course Description:</p> <p>403. HEALTH SCIENCE PRACTICUM II. 3 cr. This is a practicum performed in the student's senior year. Under supervision in an approved agency, the student will have the opportunity for on-the-job experiences. The practicum is project-based in that the student is expected to produce tangible output for the host organization. It is expected that the student will select a practicum site, which is consistent with career interests and objectives. Prerequisites: HLST 303, HLST 304 and senior standing; Health Studies majors only; completion of 90 credit hours towards Health Studies degree; completion of 15 credit hours of Health Studies courses.</p>	
Credit Hours:	
Current Level:	
Activity Type:	
Maximum Hours To Be Earned:	
Cross-Listed:	
Change Effective:	094
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	Approved
Notes:	Change in the prerequisites of course

8. THE DEPARTMENT OF HEALTH STUDIES requests:

Presenter:	M. Matusiak
Action:	ADD COURSE: HLST 404 (HEALTHCARE EMERGENCY PREPAREDNESS)
Course Description:	

404. HEALTHCARE EMERGENCY PREPAREDNESS. 3 cr. The student will acquire basic health care emergency preparedness knowledge relevant to the needs of a health care professional during natural and man-made disasters, and will identify adequate measures to be taken in the event of acute illness. F, Sp	
Credit Hours:	3
Current Level:	Undergraduate
Activity Type:	LEC
Maximum Hours To Be Earned:	3
Cross-Listed:	
Change Effective:	094
First Term Offered:	094
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	FIXED
Abbreviated Course Title:	HEALTHCARE EM PREP
UCC Decision:	Approved
Notes:	

9. **THE DEPARTMENT OF TOXICOLOGY** requests:

Presenter:	S. Banks
Action:	CHANGE credit hours of TOXI 101 (TOXICOLOGY AND THE ENVIRONMENT)
<p>Current Course Description:</p> <p>101. TOXICOLOGY AND THE ENVIRONMENT. 2 cr. This class will provide an introduction to the field of toxicology and illustrate the relationships between chemicals, man and the environment. Historical and contemporary “case studies” of contamination episodes will be used to highlight the various factors involved in evaluating and controlling chemical hazards. F</p> <p>Proposed Course Description:</p> <p>101. TOXICOLOGY AND THE ENVIRONMENT. 3 cr. This class will provide an introduction to the field of toxicology and illustrate the relationships between chemicals, man and the environment. Historical and contemporary “case studies” of contamination episodes will be used to highlight the various factors involved in evaluating and controlling chemical hazards. F</p>	
Credit Hours:	3
Current Level:	
Activity Type:	
Maximum Hours To Be Earned:	

Cross-Listed:	
Change Effective:	094
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	Approved
Notes:	

10. **THE DEPARTMENT OF TOXICOLOGY** requests:

Presenter:	S. Banks
Action:	CHANGE credit hours of TOXI 201 (ENVIRONMENTAL TOXICOLOGY)
<p>Current Course Description: 201. ENVIRONMENTAL TOXICOLOGY. 2 cr. This course will encompass both the fate and effects of chemicals in the environment, with emphasis in aquatic and terrestrial ecosystems. Potential sources, routes of exposure, and physical, chemical, and biological factors important with the movement of contaminants within various components of the ecosystems will be examined. IN addition, emerging environmental regulations, issues, and case studies will be discussed. Prerequisites: BIOL 120, 121; CHEM 107, 109 Sp</p> <p>Proposed Course Description: 201. ENVIRONMENTAL TOXICOLOGY. 3 cr. This course will encompass both the fate and effects of chemicals in the environment, with emphasis in aquatic and terrestrial ecosystems. Potential sources, routes of exposure, and physical, chemical, and biological factors important with the movement of contaminants within various components of the ecosystems will be examined. IN addition, emerging environmental regulations, issues, and case studies will be discussed. Prerequisites: BIOL 120, 121; CHEM 107, 109 Sp</p>	
Credit Hours:	3
Current Level:	
Activity Type:	
Maximum Hours To Be Earned:	
Cross-Listed:	
Change Effective:	094
First Term Offered:	
Last Term Offered:	
Offered	

Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	Approved
Notes:	

11. **THE DEPARTMENT OF TOXICOLOGY** requests:

Presenter:	S. Banks																																																		
Action:	CHANGE in DEGREE PLAN for Bachelor of Science in Toxicology																																																		
<p>Current Degree Plan:</p> <p style="text-align: center;">TOXICOLOGY</p> <p>Freshman Year Hrs.</p> <table> <tr> <td>Core English Composition*</td> <td>6</td> </tr> <tr> <td>Core Fine Arts*</td> <td>3</td> </tr> <tr> <td>Core Mathematics*</td> <td>6</td> </tr> <tr> <td>Core Social Science*</td> <td>3</td> </tr> <tr> <td>Biology 120_{cnp}, 121</td> <td>4</td> </tr> <tr> <td>Chemistry 107_{cnp}, 108_{cnp}, 109, 110</td> <td>8</td> </tr> <tr> <td>Computer Science 170</td> <td>3</td> </tr> <tr> <td>FRYS 101</td> <td>(1)</td> </tr> <tr> <td>Total</td> <td>33</td> </tr> </table> <p>Sophomore Year</p> <table> <tr> <td>Biology 214, 215; 311; 312, 313</td> <td>11</td> </tr> <tr> <td>Chemistry 230, 231, 232, 233</td> <td>8</td> </tr> <tr> <td>Mathematics 116_{cm}</td> <td>3</td> </tr> <tr> <td>Physics 203, 209; 204</td> <td>7</td> </tr> <tr> <td>Toxicology 101; 201</td> <td>4</td> </tr> <tr> <td>Total</td> <td>33</td> </tr> </table> <p>Junior Year</p> <table> <tr> <td>Core Humanities*</td> <td>3</td> </tr> <tr> <td>Core Social Science*</td> <td>3</td> </tr> <tr> <td>Chemistry 240, 241, 350, 407</td> <td>12</td> </tr> <tr> <td>English 320</td> <td>3</td> </tr> <tr> <td>Track Elective**</td> <td>3</td> </tr> <tr> <td>Toxicology 411; 413</td> <td>4</td> </tr> <tr> <td>Total</td> <td>28</td> </tr> </table> <p>Senior Year</p> <table> <tr> <td>Core Humanities Elective*</td> <td>6</td> </tr> <tr> <td>Toxicology 301</td> <td>3</td> </tr> <tr> <td>Track Elective**</td> <td>3</td> </tr> </table>		Core English Composition*	6	Core Fine Arts*	3	Core Mathematics*	6	Core Social Science*	3	Biology 120 _{cnp} , 121	4	Chemistry 107 _{cnp} , 108 _{cnp} , 109, 110	8	Computer Science 170	3	FRYS 101	(1)	Total	33	Biology 214, 215; 311; 312, 313	11	Chemistry 230, 231, 232, 233	8	Mathematics 116 _{cm}	3	Physics 203, 209 ; 204	7	Toxicology 101; 201	4	Total	33	Core Humanities*	3	Core Social Science*	3	Chemistry 240, 241, 350, 407	12	English 320	3	Track Elective**	3	Toxicology 411; 413	4	Total	28	Core Humanities Elective*	6	Toxicology 301	3	Track Elective**	3
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Track Elective**	3
Toxicology 412, 414, 424, 441, 442, 443, 491 _{uc}	16
Total	31

Total hours for degree, 125.

*Students should see the Core Curriculum requirements on pages 78 and 116.

**Students choosing Toxicology as a major will be required to choose from one of the following Toxicology Tracks following completion of Toxicology 101: General, Environmental, Forensic, Industrial Hygiene. See Toxicology in the Courses of Instruction section.

Proposed Degree Plan:

TOXICOLOGY

Freshman Year Hrs.

Core English Composition*	6
Core Fine Arts*	3
Core Mathematics*	6
Core Social Science*	3
Biology 120 _{cnp} , 121	4
Chemistry 107 _{cnp} , 108 _{cnp} , 109, 110	8
Computer Science 170	3
FRYS 101	(1)
Total	33

Sophomore Year

Biology 214, 215; 311; 312	10
Chemistry 230, 231, 232, 233	8
Mathematics 116 _{cm}	3
Physics 203, 204	6
Toxicology 101; 201	6
Total	33

Junior Year

Core Humanities*	3
Core Social Science*	3
Chemistry 240, 241, 350, 407	12
English 320	3
Track Elective**	3
Toxicology 411; 413	4
Total	28

Senior Year

Core Humanities Elective*	6
Toxicology 301	3

Track Elective**	3
Track Elective**	3
Toxicology 412, 414, 424, 441, 442, 443, 491 _{uc}	16
Total	31

Total hours for degree, 125.
*Students should see the Core Curriculum requirements on pages 78 and 116.

****Students choosing Toxicology as a major will be required to choose from one of the following Toxicology Tracks following completion of Toxicology 101: General, Environmental, Forensic, Industrial Hygiene. See Toxicology in the Courses of Instruction section.**

Credit Hours:	3
Current Level:	
Activity Type:	
Maximum Hours To Be Earned:	
Cross-Listed:	
Change Effective:	094
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	Approved
Notes:	

12. **THE DEPARTMENT OF MATHEMATICS AND PHYSICS** requests:

Presenter:	J. Anderson
Action:	ADD COURSE: PHYS 303 (PHYSICAL THEORY)
Course Description:	303. PHYSICAL THEORY. 3 cr. Applications of calculus in physics including vectors, Newtonian mechanics, the work-energy principle, the kinetic theory of gases, RCL circuits, Gauss and Ampere laws, integral Maxwell equations, and introduction to modern physics. Prerequisite: PHYS 204 or 208; MATH 131.
Credit Hours:	3
Current Level:	Undergraduate

Activity Type:	LEC
Maximum Hours To Be Earned:	3
Cross-Listed:	
Change Effective:	094
First Term Offered:	094
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	FIXED
Abbreviated Course Title:	PHYSICAL THEORY
UCC Decision:	Approved
Notes:	

13. **THE DEPARTMENT OF MATHEMATICS AND PHYSICS** requests:

Presenter:	Y. Dib
Action:	ADD COURSE: MATH 442 (MATHEMATICAL MODELS)
Course Description:	<p>MATH 442. Mathematical Models. 3 cr. University capstone course. Development and analysis of mathematical models for physical, biological, and social sciences. Prerequisites: <i>MATH 301</i>, <i>MATH 303</i> or approval by department head.</p>
Credit Hours:	3
Current Level:	Undergraduate
Activity Type:	LEC
Maximum Hours To Be Earned:	3
Cross-Listed:	
Change Effective:	094
First Term Offered:	094
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	FIXED
Abbreviated Course Title:	MATHEMATICAL MODELS
UCC Decision:	Approved
Notes:	This class will be designated the Capstone class for mathematics.

14. **THE DEPARTMENT OF GERONTOLOGY, SOCIOLOGY AND POLITICAL SCIENCE** requests:

Presenter:	J. Sutherlin
Action:	ADD COURSE: POLS 444 (MIDDLE EAST POLITICS)
<p>Course Description:</p> <p>440. MIDDLE EAST POLITICS. 3 cr. A course that analyzes Middle East politics beginning with World I to the present. Major issues include the Arab-Israeli Conflict, water policy, oil politics, Arab Nationalism, Zionism. Nationalities and sub-national movements in the regions of Turkey, the Near Middle East, North Africa and the Persian Gulf will serve as illustrative material. Issues such as modernization, democratization, multilateralism, liberalization, terrorism, free-trade and women's rights will be considered. Prerequisite: POLS 201.</p>	
Credit Hours:	3
Current Level:	Undergraduate
Activity Type:	LEC
Maximum Hours To Be Earned:	3
Cross-Listed:	
Change Effective:	094
First Term Offered:	094
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	FIXED
Abbreviated Course Title:	MIDDLE EAST POLITICS
UCC Decision:	Approved
Notes:	

Addendum:

1. The following text was missing from the bottom of the text on item #51 of January 2009 minutes (**Change Undergraduate Catalog information.** Page 132-133)

<ol style="list-style-type: none">4. Meet the technical standards of the College of Pharmacy, and5. Meet the minimum Pharmacy College Admissions Test score criteria.
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2. The following text was missing from the bottom of the text on item #52 of January 2009 minutes(**Change in Degree Plan for DOCTOR OF PHARMACY**)

<p>Doctor of Pharmacy Requirements</p>

<p>Required courses for a major: 400, 402, 404, 406, 410, 425, 427, 429, 431, 433, 435, 447, 449, 450, 452, 454, 456, 458, 470, 474, 477, 479, 481, 483, 499, 500, 502, 504, 506, 508, 510, 520, 525, 527, 529, 531, 533, 535, 537, 549, 600, 602, 604, 605, 606, 608, 610, 612 and 10 hours of pharmacy elective credit.</p>

3. Correction to November 2008 minutes. Radt403