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UCC Minutes, 10/25/2007

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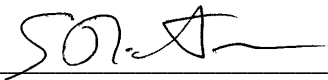
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UNDERGRADUATE CURRICULUM MINUTES

Date: 10/25/2007

Minutes Approved by:  Date Approved: 1/8/08

TO: Dr. Stephen A. Richters
Provost

FROM: Dr. Lon Smith, Chair
Undergraduate Curriculum Committee
And
Dr. Chris Michaelides, Vice-Chair
Undergraduate Curriculum Committee

FACULTY MEMBERS PRESENT: L. Smith, C. Michaelides, H. Rappaport, P. Nelson,
B. Fassett, B. Ricks, S. Saydam, L. Hayes, D. Schween, J. Corder

FACULTY MEMBERS ABSENT: N/A

STUDENT MEMBERS PRESENT: N/A

STUDENT MEMBERS ABSENT: N/A

1. THE HONORS COUNCIL, requests:

Presenter: L. Hayes

Action: CHANGE the requirement for student graduating with
honors.

Current Description: (Page 15-16)

HONORS PROGRAM

The University Honors Program provides a unique learning opportunity for students with exceptional academic abilities. Non-traditional classes, special sections of traditional classes, and opportunities for increased interaction with faculty members and other students of similar abilities provide an individualized atmosphere for learning that is both stimulating and personal. Students who are accepted into the Honors Program will receive a well-rounded education in combination with their major.

The Program is open to students in all majors. In addition to a core of Honors courses in English (9 hrs.), history (9 hrs.), mathematics (2 hrs.), fine arts (3 hrs.), and speech (3 hrs.), students will complete six hours of math at or above 111, eleven (11) hours of natural science courses (required lecture and laboratory courses for science majors), six (6) hours of foreign languages above the beginning level, six (6) hours of social sciences at the 300 or 400 level, **four (4)** hours of Honors Colloquium and **six (6)** hours of Honors Seminars. During their junior and senior years, they will work closely with a specialist in their major who will help them to choose and then supervise a special Honors Project. Successful completion of all requirements and a cumulative grade point of at least 3.3 will qualify the student for graduation as a University Honors Student and bring with it the University Certificate of Honors

Program Completion.

The Program is administered by the University Honors Council which includes the President of the Student Honors Board.

Proposed Description:

HONORS PROGRAM

The University Honors Program provides a unique learning opportunity for students with exceptional academic abilities. Non-traditional classes, special sections of traditional classes, and opportunities for increased interaction with faculty members and other students of similar abilities provide an individualized atmosphere for learning that is both stimulating and personal. Students who are accepted into the Honors Program will receive a well-rounded education in combination with their major.

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The Program is administered by the University Honors Council which includes the President of the Student Honors Board.

Term: 082

UCC Decision **APPROVED**

2. THE DEPARTMENT OF COMMUNICATIVE DISORDERS, requests:

Presenter: S. Allen

Action: CHANGE credit hours and description of **CODI 476**

Current Description:

476. BEGINNING PRACTICUM"IN COMMUNICATION DISORDERS. 1-3 cr. Clinical practicum with communicatively challenged individuals. Students will complete the required clock hours with clients having specific disorders as specified by the instructor. Prerequisite: See specific requirements for enrollment stated under Progression of Majors in Communicative Disorders.

Proposed Description:

476. BEGINNING PRACTICUM"IN COMMUNICATION DISORDERS. 1-6 cr. Clinical practicum with individuals who are communicatively challenged. Students will complete the required clock hours with clients having specific disorders as specified by the instructor. Prerequisite: Approval of department head.

Last Term: 081

UCC Decision **APPROVED**

3. THE DEPARTMENT OF CLINICAL LABORATORY SCIENCE, requests:

Presenter: D. Wisenor

Action: CLOSE and REMOVE CLSC 103. PRINCIPLES OF RENAL FUNCTION AND URINALYSIS.

Last Term: 074

UCC Decision **APPROVED**

4. THE DEPARTMENT OF CLINICAL LABORATORY SCIENCE, requests:

Presenter: D. Wisenor

Action: CLOSE and REMOVE CLSC 104. URINALYSIS LABORATORY.

Last Term: 074

UCC Decision **APPROVED**

5. THE DEPARTMENT OF CLINICAL LABORATORY SCIENCE, requests:

Presenter: D. Wisenor

Action: CLOSE and REMOVE CLSC 316. SEMINAR.

Last Term: 074

UCC Decision **APPROVED**

6. THE DEPARTMENT OF CLINICAL LABORATORY SCIENCE, requests:

Presenter: D. Wisenor

Action: REMOVE from Degree Plan as a required course MATH 112 Trigonometry.

Last Term: 081

UCC Decision **APPROVED**

7. THE DEPARTMENT OF CLINICAL LABORATORY SCIENCE, requests:

Presenter: D. Wisenor

Action: REMOVE from Degree Plan as a required course CHEM 102 Introductory Chemistry II

Last Term: 081

UCC Decision **APPROVED**

8. THE DEPARTMENT OF CLINICAL LABORATORY SCIENCE, requests:

Presenter: D. Wisenor
Action: REMOVE from Degree Plan as a required course CHEM 104
 INTRODUCTORY CHEMISTRY LABORATORY II.
Last Term: 081

UCC Decision **APPROVED**

9. THE DEPARTMENT OF CLINICAL LABORATORY SCIENCE, requests:

Presenter: D. Wisenor
Action: REMOVE from Degree Plan as a required course BIOL 472
 INTRODUCTORY PARASITOLOGY.
Last Term: 081

UCC Decision **APPROVED**

10. THE DEPARTMENT OF CLINICAL LABORATORY SCIENCE, requests:

Presenter: D. Wisenor
Action: REMOVE from Degree Plan as a required course BIOL 473
 INTRODUCTORY PARASITOLOGY LABORATORY.
Last Term: 081

UCC Decision **APPROVED**

11. THE DEPARTMENT OF CLINICAL LABORATORY SCIENCE, requests:

Presenter: D. Wisenor
Action: REMOVE from Degree Plan as a required course CLSC 338
 DIRECTED STUDY.
Last Term: 081

UCC Decision **APPROVED**

12. THE DEPARTMENT OF CLINICAL LABORATORY SCIENCE, requests:

Presenter: S. Allen
Action: CHANGE credit hours CLSC 101
Current Credit Hours: 3 Current Contact Hours: 3

Proposed Credit Hours: 2 Proposed Contact Hours: 2

Term change will 084

take effect:

UCC Decision **APPROVED**

13. THE DEPARTMENT OF CLINICAL LABORATORY SCIENCE, requests:

Presenter: D. Wisenor
Action: CREATE new course CLSC 301 Renal Function, Urinalysis,
 and Body Fluids.

Description:
301. RENAL FUNCTION, URINALYSIS, AND BODY FLUIDS. Introduction to
the anatomy and physiology of the renal system. Qualitative and quantitative analysis,
including chemical and microscopic studies, of urine and body fluids. Prerequisite:
CLSC 101, FALL

Credit hours: 1
Level: Undergraduate
Activity Type: LEC
Maximum Hours To
Be Earned: 2
Cross-Listed: N/A
Term: 084
Offered
Fixed/Variable: Variable
Variable Range: 1-2
Abbreviated Course
Title: URINALYSIS AND BF

UCC Decision **APPROVED**

14. THE DEPARTMENT OF CLINICAL LABORATORY SCIENCE, requests:

Presenter: D. Wisenor
Action: CREATE new course CLSC 340 Clinical Laboratory Science
 Capstone.

Description:
340. CLINICAL LABORATORY SCIENCE CAPSTONE. Seminar and
management course that includes oral and written presentations of research on current
topics related to laboratory medicine. Laboratory management topics are analyzed
using case studies and group exercises. Regulations and laws that impact the clinical
laboratory are discussed.

Credit hours: 3
Level: Undergraduate
Activity Type: SEMINAR
Maximum Hours To
Be Earned: 3
Cross-Listed: N/A

Term: 084
 Offered
 Fixed/Variable: FIXED
 Variable Range:
 Abbreviated Course Title: CLS CAPSTONE
 Note: This course will be used as University Capstone for students in Clinical Laboratory Science

 UCC Decision **APPROVED**

15. THE DEPARTMENT OF CLINICAL LABORATORY SCIENCE, requests:

Presenter: D. Wisenor
 Action: Change Degree Plan for PRE-CLINICAL LABORATORY SCIENCE

New Degree Plan:

Freshman Year	
Core English Composition.....	6
Chemistry 107, 108, 109, 110.....	8
Mathematics 110 or 111, 116.....	6
Biology 120, 121.....	4
Core Humanity.....	3
Core Fine Arts.....	3
Clinical Laboratory Science 101.....	2
FRYS101.....	(1)
	32
Sophomore Year	
Core Humanities.....	6
Core Social Sciences.....	6
Chemistry 230, 231.....	4
Biology 220, 226.....	6
Biology 214, 215, 305, 306.....	8
	30
Junior Year	
Clinical Laboratory Science 301.....	1
Clinical Laboratory Science 320, 321.....	4
Clinical Laboratory Science 324, 325, 326.....	7
Clinical Laboratory Science 322, 327, 328.....	7
Clinical Laboratory Science 340.....	3
Clinical Laboratory Science 430.....	4
	26
Senior Year	
Clinical Laboratory Science 460, 461, 462, 463, 464, 465, 466,467, 468, 469, 470, 471, 472, 473, 474, 475, 476.....	37

Total hours for degree, 125
Term: 082

UCC Decision **APPROVED**

16. THE DEPARTMENT OF COMPUTER SCIENCE, requests:

Presenter: L. Smith
Action: CREATE new course CSCI 491 Computer Science Capstone

Description:
491. COMPUTER SCIENCE CAPSTONE. 3 cr. Culmination of course work experiences with a full software life cycle project development. Focus on product planning, management, and delivery including testing and quality assurance. Generation of artifacts, including detailed specifications, design documents, and user manual. Prerequisites: CSCI 455 and registration or credit in CSCI 460.

Credit hours: 3
Level: Undergraduate
Activity Type: LEC
Maximum Hours To Be Earned: 3
Cross-Listed: N/A
Term: 084
Offered
Fixed/Variable: FIXED
Variable Range:
Abbreviated Course Title: CSCI CAPSTONE
Note: This course will be used as University Capstone for Computer Science Majors

UCC Decision **APPROVED**

17. THE DEPARTMENT OF COMPUTER SCIENCE, requests:

Presenter: L. Smith
Action: CHANGE catalog content on pages 160-161
Current Content:
COMPUTER SCIENCE (CSCI) Required for a major: 200, 203, 226, 253, 273, 298, 305, 310, 313, 320, 326, 411, 412, 455, 460, 483 and 3 of the following 8 courses: 340, 373, 440, 442, 462, 463, 464, and 475--Total of 55 semester hours. Required for a minor: 200, 203, 226, 253, 273, 305, 310--Total of 21 semester hours. Required for a minor in Computer Science Education: 170, 180, 200, 203, 367, 377, Curriculum and Instruction 285, and a 3-hour approved Computer Science Elective. Total of 21 semester hours. Teacher certification in this minor area requires 21 credit hours or the Praxis content specialty exam.

Proposed Content:

COMPUTER SCIENCE (CSCI) Required for a major: 200, 203, 226, 253, 273, 298, 305, 310, 313, 320, 326, 411, 412, 455, 460, 462 and 3 of the following 8 courses: 340, 373, 440, 442, 463, 464, 475, and 483--Total of 55 semester hours. Required for a minor: 200, 203, 226, 253, 273, 305, 310--Total of 21 semester hours. Required for a minor in Computer Science Education: 170, 180, 200, 203, 367, 377, Curriculum and Instruction 285, and a 3-hour approved Computer Science Elective. Total of 21 semester hours. Teacher certification in this minor area requires 21 credit hours or the Praxis content specialty exam.

Term: 082

Note: The effect is to place 462 as a required class and 483 as an elective.

UCC Decision **APPROVED**

18. THE DEPARTMENT OF COMPUTER SCIENCE, requests:

Presenter: L. Smith

Action: CHANGE prerequisites of CSCI 305 Analysis of Algorithms

Current Description:

305. ANALYSIS OF ALGORITHMS. 3 cr. The design and analysis of computer algorithms and data structures. Classes of algorithms studied include sorting, searching, graph, parallel and NP-complete. An in-depth study into both efficiency and design. Correctness and formal verification of algorithms. Prerequisites: Grade of "C" or better in 273.

Proposed Description:

305. ANALYSIS OF ALGORITHMS. 3 cr. The design and analysis of computer algorithms and data structures. Classes of algorithms studied include sorting, searching, graph, parallel and NP-complete. An in-depth study into both efficiency and design. Correctness and formal verification of algorithms. Prerequisites: CSCI 326 and a grade of "C" or better in 273.

Term: 081

Note: The effect is to add CSCI 326 to prerequisites of CSCI 305.

UCC Decision **APPROVED**

19. THE DEPARTMENT OF COMPUTER SCIENCE, requests:

Presenter: L. Smith

Action: CHANGE the title of CSCI 412

Current Title: Architecture

Proposed Title: Computer Architecture

Abbreviated Title: Comp Architecture

Current Description:

412. ARCHITECTURE. 3 cr. Computer hardware architectures including microcomputers, minicomputers, mainframes and supercomputers; memory organization including cache and virtual memory; pipelining; RISC architecture; parallel processing architectures; comparison of representative architectures. Prerequisites: CSCI 253 and 305.

Proposed Description:

412. COMPUTER ARCHITECTURE. 3 cr. Computer hardware architectures including microcomputers, minicomputers, mainframes and supercomputers; memory organization including cache and virtual memory; pipelining; RISC architecture; parallel processing architectures; comparison of representative architectures. Prerequisites: CSCI 253 and 305.

Term: 081
Note: Description change is only to show title change.

UCC Decision **APPROVED**

20. THE DEPARTMENT OF COMPUTER SCIENCE, requests:

Presenter: L. Smith
Action: Change Degree Plan for Bachelor of Science Degree in Computer Science

New Degree Plan:

	Hrs.
Freshman Year	
Computer Science 200, 203, 226.....	9
Core English Composition*	6
Mathematics 113cm, 131 ^{cm}	7
Biology 120 ^{cnp} , 121 ^{cnp}	4
Core Social Science*	3
Core Humanities*	3
FRYS 101	(1)
	32
Sophomore Year	
Computer Science 253, 273, 298, 326	10
Mathematics Elective ¹	3
Core Humanities*	6
Core Social Science*	3
Physics 207 ^{cnp} , 208 ^{cnp} , 209, 210	8
Core Fine Arts*	3
	33
Junior Year	
Computer Science 305,310,313,320,455.....	15
Computer Science Elective	3

Mathematics 303 or Computer Science 350	3
Communication Studies 201	3
English 332.....	3
Science Electives	4
	31
Senior Year	
Computer Science 411, 412, 460, 462.....	12
Computer Science Electives	6
Computer Science 491 ^{uc}	3
Electives	8
	29

Total hours for degree, 125.

¹ Mathematics elective: may include MATH 132, 202, CSCI 373 or approved

Mathematics elective

Term: 082

UCC Decision **APPROVED**