APPLICATION FOR CHANGE IN EXISTING COURSE: MAJOR AND MINOR

1. Submitted by the College of Allied Health Professions Date: 9/26/01

   Department/Division offering course  Clinical Sciences/Clinical Laboratory Sciences

2. Changes proposed:
   (a) Present prefix & number: CSC 624 Proposed prefix & number: CSC 624
   (f) Present Title  Gamete & Embryo Cryo
      New Title  Gamete & Embryo Cryo
   (g) If course title is changed and exceeds 24 characters (Including spaces), include sensible title (not to Exceed 24 characters) for use on transcripts:
   (d) Present credits: 1 Proposed credits: 1
   (e) Current lecture: laboratory ratio 1:1 Proposed: 1:1
   (h) Effective Date of Change: (Semester & Year) Summer, 2002

13. To be Cross-listed as: _____________________________________

14. Proposed change in Bulletin description:
   (c) Present description (including prerequisite(s): Prerequisites:  CSC 620 and CSC 621  Principles of cryopreservation will be covered; includes laboratory sessions on cryopreservation of human sperm and mouse embryos. Legal, ethical and policy issues associated with cryopreservation will be introduced.
   (b) New description:  Lecture: Principles of cryopreservation will be covered. Protocols for freezing spermatozoa, testicular tissue, oocytes, ovarian tissue and embryos at various stages of development will be introduced. Problems associated with freezing particular tissue types will be discussed. Laboratory: Students will cryopreserve human sperm and mouse embryos using both manual and automated methods. Students will thaw frozen gametes and embryos and assess using standard criteria. Legal, ethical and policy issues associated with cryopreservation of human reproductive tissue will be introduced, including potential for transmission of infectious disease and issues associated with the term of storage of embryos.
   (c) Prerequisite(s) for course as changes:  CSC 528, CSC 615, CSC 616, CSC 617, CSC 618, and CSC 621 or consent of instructor.

15. If there are to be significant changes in the content or teaching of this course, indicate changes:

   N/A

   The prerequisites for this course change because the following revisions are being made in the RLS track of the Master of Science in Clinical Science in order to make the program more accessible and increase the number of students enrolled.
   • CSC core replaced with a graduate course in statistics and 6-9 graduate hours in science selected from the following areas: physiology, cell biology, embryology, immunology, endocrinology and microbiology; or other science courses deemed appropriate by the RLS graduate committee
   • CSC 620 (andrology – 3 credit hours) will be divided:
      o The lecture portion of andrology will be offered as CSC 616 via distance learning
      o The laboratory portion of andrology will be incorporated in the new one-hour modular, campus-based laboratory course, CSC 618 “Labs in Andrology, Reproductive Immunology & Reproductive Microbiology”
The microbiology portion of CSC 620 will be moved; the lecture portion will be included in the new one-hour distance learning course, CSC 617 “Reproductive Immunology & Microbiology”; the microbiology laboratory segment will be incorporated in the new one-hour modular, campus-based laboratory course, CSC 618 “Labs in Andrology, Reproductive Immunology & Reproductive Microbiology”

- Review of cell biology, the male reproductive system, and fertilization portions of the course will be covered in CSC 615, “Reproductive Laboratory Science”

- CSC 623 (Reproductive Immunology – 1 credit hour) will be dropped. CSC 623 lecture content will be included in the new one-hour distance learning course, CSC 617 “Reproductive Immunology & Microbiology”; the microbiology laboratory segment will be incorporated in the new one-hour modular, campus-based laboratory course, CSC 618 “Labs in Andrology, Reproductive Immunology & Reproductive Microbiology”

- The new course description describes the topics and procedures more comprehensively, but the course content does not change.

16. What other departments could be affected by the proposed change? N/A

17. Will changing this course change the degree requirements in one or more programs? ___ yes X no

    If yes, please attach an explanation of the change.*

18. Is this course currently included in the University Studies Program? ___ Yes X No

    If yes, please attach correspondence indicating concurrence of the University Studies Committee.

19. If the course is a 100-200 level course, please submit evidence (e.g., correspondence) that the Community College System Has been consulted.

   *Note: Approval of this change will constitute approval of the program change unless other program modifications proposed.

15. Is this a minor change? X Yes ___ No

   (NOTE: See the description on this form of what constitutes a minor change. Minor changes are sent directly from the Dean of the College to the Chair of Senate Council. If the latter deems the change not to be minor, it will be sent to the appropriate Council for normal processing.)

16. Within the Department, who should be consulted for further information on the proposed course change?

   Name: Doris J. Baker, Ph.D.   Phone Extension: 323-1100 ext. 241
Signatures of Approval:

________________________________________________________        __________________________
Department Chair                   Date
________________________________________________________        __________________________
Dean of the College                Date
________________________________________________________        __________________________
Date of Notice to the Faculty
________________________________________________________        __________________________
**Undergraduate Council           Date
________________________________________________________        __________________________
**Graduate Council                 Date
________________________________________________________        __________________________
**Academic Council for the Medical Center Date
________________________________________________________        __________________________
**Senate Council                   Date of Notice to University Senate
**If applicable, as provided by the Rules of the University Senate.

ACTION OTHER THAN APPROVAL

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The Minor Change route for courses is provided as a mechanism to make changes in existing courses and is limited to one or more of the following:

m. change in number within the same hundred series;

n. editorial change in description which does not imply change in content or emphasis;

o. editorial change in title which does not imply change in content or emphasis;

p. change in prerequisite which does not imply change in content or emphasis;

q. cross-listing of courses under conditions set forth in item 3.0;

r. correction of typographical errors. [University Senate Rules III - 3.1]