Rhode Island College Undergraduate Curriculum Committee

Agenda

22 March 2024

2.00pm-4.00pm

Online Zoom

<https://ri-college.zoom.us/j/8688089557?pwd=V3lZY3djbHJDWjVGRWdRQjNpSlBwUT09>

Meeting ID: 868 808 9557 Passcode: 1UzmdiSA

1. Call to order

1. Approve Minutes 16 Feb. 2024
2. Report of the Chair

* Given we are beginning to see the effects of the newly expanded proposal form in terms of course modalities, and the fact that UCC is not authorizing who teaches hybrid/online but just allowing the course to be listed that way in the catalog so the college can keep better track, we felt it wise to add a “disclaimer” of sorts to the course creation/revision sections: **Please note, that while the UCC requests information about a course’s modality, approval of the proposal does not constitute approval of any specific faculty to teach the course using that modality—that needs to be approved within the department/school.**
* Our proposal to Council to change the by-laws to update the UCC membership was finally approved by Council on 3/8/24 and the manual has been updated to reflect the revisions. This means this year’s elections for the Fall will reflect the “new” distribution of seats. The basic change is that one seat will switch from Education to Business, and since one Education is expiring in May (Cara’s), this will be an easy switch as that Education member need not continue, though can certainly elect to rejoin next year when the two remaining education seats are up for election. The Chair of the Elections Committee will be reaching out to department chairs to ask for nominations for the following seats (currently held by Sue, Todd, Seth, Qian [who in future is Business not Science], Cara, Nan and Wendy) with the following departments eligible to nominate: Humanities (can be from ENGL, HIST or MLAN but not PHIL); ART (can be from MTD, ART but not COMM); Social Sciences (can be from POL, ANTH or SOC, but not PSYC); Science (can be from BIOL, PSCI [PHYS/CHEM], but not MATH); Business (any department except ECON/FIN—so Qian could self-nominate for that seat); Nursing and Social Work. Those in the expiring seats will be invited to submit their names to stay on if they wish and be sent to the Elections committee, who organize the elections to be done in April. Election is a two-year commitment. More than one nomination for any seat will be voting on in time for next year’s UCC to attend a short meeting in May to elect their Executive officers for that year: Chair, Secretary and two more members (plus the Provost). SCG/Dean of Students selects the two student members, their commitment is for a single year (renewable).
* COGE––also on staggered two-year cycles––will also have expiring members and the possibility of a reshuffling of the constituencies if the new Gen Ed. will be operating in the Fall (given that this is a subcommittee of UCC and not a Council committee governed by their by-laws, we can change this membership “in house” and just report to Council). Members of COGE are not elected positions but invited by the outgoing chair and the Provost in consultation. Current members whose terms are complete are: History (Elisa Miller); Math (Stephanie Costa); NS (Karen Almeida); Education (Rudy Krauss); Second Language (Silvía Oliveira) and a student rep. Those interested in being considered can contact me to let me know. Decision on this need not be made until the end of June.

1. Monthly Reports

* COGE report

1. New Business

* 23-24-033 Approve the creation of a new 4-credit course for use in a Major/minor in Artificial Intelligence: CSCI 141 Applications of Artificial Intelligence, taught in person.
* 23-24-034 Approve the creation of a new 4-credit course for use in a Major/minor in Artificial Intelligence: CSCI 342W Social and Ethical Issues in Technology. This will be one of the new major’s Writing in the Discipline course and will be taught in person.
* 23-24-035 Approve the creation of a new 4-credit course for use in a Major/minor in Artificial Intelligence: CSCI 348 Artificial Intelligence in Gaming, and it will be a hybrid course (51% in person).
* 23-24-036 Approve the creation of a new 4-credit course for use in a Major/minor in Artificial Intelligence: CSCI 443 Natural Language Processing, and it will be a hybrid course (51% in person).
* 23-24-037 Approve the creation of a new 4-credit course for use in a Major/minor in Artificial Intelligence: CSCI 444 Computer Vision, and it will be a hybrid course (51% in person).
* 23-24-038 Approve the creation of a new 4-credit course for use in a Major/minor in Artificial Intelligence: CSCI 445 Reinforcement Learning and Autonomous Systems, and it will be a hybrid course (51% in person).
* 23-24-039 Approve the creation of a new 4-credit course for use in a Major/minor in Artificial Intelligence: CSCI 446 Cognitive Robotics, and it will be a hybrid course (51% in person).
* 23-24-040 Approve the revision of a CSCI 427 Introduction to Artificial Intelligence to make it more useful in the Artificial Intelligence programs; the title will be revised to become Artificial Intelligence Foundations, the description will be revised, and the prerequisite update to include MATH 240, which contains necessary skills and experience for success in the revised course; one credit will be added to make it a 4-credit course, and when offered will be updated to Fall.
* 23-24-041 Approve the revision of a CSCI 428 Machine Learning to make it more useful in the Artificial Intelligence programs. The description will be revised, and the prerequisite updated to become CSCI 209, CSCI 427, and MATH 212 or consent of department chair, and when offered will be updated to Spring.
* 23-24-042 Approve the creation of a new 52 credit major in Artificial Intelligence B.S.
* 23-24-043 Approve the creation of a new 27-28 credit minor in Artificial Intelligence (4 credits double count with Gen Ed. M)
* 23-24-044 Approve the creation of a new 20 credit minor in Applications of Artificial Intelligence.

**Note: Biology proposals #045-048 and #051-052 are dependent on first being approved by COGE.**

* 23-24-045 Approve the creation of a new 3-credit BIOL 201 Anatomy and Physiology I Lecture that will also be a Gen Ed. NS course alongside BIOL 202.
* 23-24-046 Approve the creation of a new 1-credit BIOL 202 Anatomy and Physiology I Laboratory that will also be a Gen Ed. NS course alongside BIOL 201.
* 23-24-047 Approve the creation of a new 3-credit BIOL 203 Anatomy and Physiology II Lecture
* 23-24-048 Approve the creation of a new 1-credit BIOL 204 Anatomy and Physiology II Laboratory
* 23-24-049 Approve the creation of a new 4-credit BIOL 345 Advances in Human Physiology.
* 23-24-050 Approve the revision of the prerequisite of BIOL 348 Microbiology to include the option of BIOL 201 and BIOL 202, the new courses that were proposed above.
* 23-24-051 Approve revision to the Health Science programs to include the new BIOL courses (201, 202, 203 and 204) in place of BIOL 108, 231 and 335
* 23-24-052 Approve revision to the Medical Imaging programs (except Computer Tomography which has different cognates) to include the new BIOL courses (201, 202, 203 and 204) in place of BIOL 108, 231 and 335.
* 23-24-053 Approve the creation of a 20 credit CUS in Professional Writing.
* 23-24-054 Approve the revision of CIS 421 Networks and Infrastructure to add CSCI 212W Data Structures as an alternate prerequisite to allow more students to include the course in their program.
* 23-24-055 Approve the revision of CIS 455W Database Programming to add CSCI 212W Data Structures as an alternate prerequisite to allow more students to include the course in their program.
* 23-24-056 Approve a revision to the CIS program to add CSCI 157 Introduction to Algorithmic Thinking in Python as an alternative for the currently required CIS 301 Computer Programming in Business (which will eventually be retired). This will not change the total credits as they are the same number of credits.
* 23-24-057 Approve the deletion of CIS 324 Dynamic Web Development, which will no longer be needed due to the phase out of the Web Development minor.
* 23-24-058 Approve the revision of the prerequisite of CIS 416 Web Design to add CSCI 211 and revise the description to take out the reference to CSCI 416 which is being deleted.
* 23-24-059 Approve the change of title of CSCI 209 Discrete Structures Using Python to Programming Implementations Using Discrete Structures and a revision of the prerequisite to add CSCI 211.
* 23-24-060 Approve a revision of the prerequisite of CSCI 211 Computer Programming and Design to remove CSCI 157 and ask for completed college mathematics milestone instead.
* 23-24-061 Approve the deletion of CSCI 305 Functional Programming which is no longer attracting enrollment.
* 23-24-062 Approve the deletion of CSCI 324 Dynamic Web Development, which will no longer be needed due to the phase out of the Web Development minor.
* 23-24-063 Approve a revision of the prerequisite of CSCI 401W Software engineering to become “CSCI 212 or CSCI 212W or CSCI 315, and at least three additional computer science or computer information system courses at the 300-level or above. Or consent of department chair” to allow for more potential choice.
* 23-24-064 Approve the deletion of CSCI 416 Web Design; it was previously cross-listed with CIS 416 Web Design and will now just have the single prefix.
* 23-24-065 Approve the deletion of CSCI 437 Network Architecture and Programming, as it is very similar to CIS 421 which shall effectively take its place as an elective in the CSCI programs.
* 23-24-066 Approve the deletion of CSCI 455 Introduction to Databases as it is very similar to CIS 455W which shall effectively take its place as an elective in the CSCI programs.
* 23-24-067 Approve revisions to the CSCI BA that will change the total from 49-51 to 50 credits. Several elective courses will be removed, some have been combined with the CIS equivalent and so added, and the CSCI 402 Cyber Security Principles will now be required, while CSCI 309 Object-Oriented Design will become an elective along with CSCI 432 Network and Security. NOTE: CSCI 422 has been deleted on the catalog copy since this course no longer exists and must have been missed on a past catalog update (it has not been taught in over ten years).
* 23-24-068 Approve revisions to the CSCI BS that will change the total from 75-78 to 75-77 credits. Several elective courses will be removed, some have been combined with the CIS equivalent and so added, and the CSCI 402 Cyber Security Principles will now be required, while CSCI 309 Object-Oriented Design will become an elective along with CSCI 432 Network and Security.
* 23-24-069 Approve the deletion of the Web Development minor due to lack of student interest—teach out will need a simple substitution for three students of one course that will be available and relevant.
* 23-24-070 Approve the revision of the HCA major to reduce it by 12 credits, from 82-88 to 70-76 by removing MATH 177 as a requirement and moving MGT 322 and COMM 230/336 to electives as opposed to requirements—it is felt these changes will not affect the rigor of the program but will make it more manageable for students.

1. Any Other Business