# http://www.ric.edu/webcommunications/images/SealWithText_Small_Black.pngUNDERGRADUATE CURRICULUM COMMITTEE (UCC)PROPOSAL FORM

## Cover page scroll over blue text to see further important [instructions](#instructions): [if not working select “COMMents on rollover” in your Word preferences under view] please read these.

**N.B. DO NOT USE HIGHLIGHT, where choices are given within categories, please DELETE those THAT DO NOT APPLY TO YOUR PROPOSAL. Do not delete numbered categories.**

**ALL numbers in section (A) to be completed, including the impact ones (#5-7), put “none” if that is the case.**

|  |  |  |
| --- | --- | --- |
| A.1. [Course or program](#Proposal) | **MEDI 309 Sectional Anatomy in Medical Imaging** |  |
| [Replacing](#Ifapplicable)  |  |
| A.2. [Proposal type](#type) | **Course: creation**  |
| A.3. [Originator](#Originator) | **Eric Hall** | [Home department](#home_dept) | **Biology/Health Sciences** |
| A.4. [Context and Rationale](#Rationale)  | **This course includes common content for MRI, NMT, and RAD students that is needed for the understanding cross-sectional anatomy.****This course will replace CTSC 407 as currently taught in the NMT program as well as the MRI 311 and 411 in MRI, and these will be deleted at a future date once the current cohort is complete.**  |
| A.5. [Student impact](#student_impact) | **Will allow for larger classes and cross-disciplinary discussion within the field.** |
| A.6. [Impact on other programs](#impact)  | **N/A** |
| A.7. [Resource impact](#Resource) | [*Faculty PT & FT*](#faculty):  | **LSMI faculty teach this class** |
| [*Library*:](#library) | **None** |
| [*Technology*](#technology) | **None** |
| [*Facilities*](#facilities): | **This course may require a 60 capacity classroom** |
| A.8. [Semester effective](#Semester_effective) | **Fall 2020** | A.9. [Rationale if sooner than next Fall](#Semester_effective) |  |
| A.10. INSTRUCTIONS FOR CATALOG COPY: This single file copy must include ALL relevant pages from the college catalog, and show how the catalog will be revised. (1) Go to the “Forms and Information” page on the UCC website. Scroll down until you see the Word files for the current catalog. (2) Download ALL catalog sections relevant for this proposal, including course descriptions and/or other affected programs. (3) Place ALL relevant catalog copy into a single file. Put page breaks between sections and **delete any catalog pages not relevant for this proposal**. (4) Using the track changes function, revise the catalog pages to demonstrate what the information should look like in next year’s catalog. (5) Check the revised catalog pages against the proposal form, especially making sure that program totals are correct if adding/deleting course credits. If new copy, indicate where it should go in the catalog. If making related proposals a single catalog copy that includes all is acceptable. Send as a separate single file along with this form. |

B. [NEW OR REVISED COURSES](#delete_if)  **DO NOT use highlight. Do not delete numbered categories, just leave blank if they do not apply. Delete this whole page if the proposal does not include a new or revised course. Always fill in b. 1 and B. 3 for context.**

|  | Old ([for revisions only](#Revisions))ONLY include information that is being revised, otherwise leave blank.  | NewExamples are provided within some of the boxes for guidance, delete just the examples that do not apply. |
| --- | --- | --- |
| B.1. [Course prefix and number](#cours_title)  |  | **MEDI 309** |
| B.2. Cross listing number if any |  |  |
| B.3. [Course title](#title)  |  | **Sectional Anatomy In Medical Imaging** |
| B.4. [Course description](#description)  |  | Students will learn the anatomical structures of the human body. Topics include relationship of structures to surrounding tissues and location of structures on multiple imaging planes. |
| B.5. [Prerequisite(s)](#prereqs) |  | **Acceptance into a Medical Imaging Clinical program** |
| B.6. [Offered](#Offered) |  | **Fall**  |
| B.7. [Contact hours](#contacthours)  |  | **3** |
| B.8. [Credit hours](#credits) |  | **3** |
| B.9. [Justify differences if any](#differences) |  |
| B.10. [Grading system](#grading)  |  | **Letter grade**  |
| B.11. [Instructional methods](#instr_methods) |  | **Lecture**  |
| B.12.[Categories](#required) |  | **Required for major**  |
| B.13. Is this an Honors course? |  | **NO** |
| B.14. [General Education](#ge)N.B. Connections must include at least 50% Standard Classroom instruction. |  | **NO |****category:** |
| B.15. [How will student performance be evaluated?](#performance) |  | **Exams**  |
| B.16 [Recommended class-size](#class_size" \o "Check appendix XVIII in the UCC Manual for Best Practices) |  | **25-60** |
| B.17. [Redundancy statement](#competing) |  | **N/A** |
| B. 18. Other changes, if any |  |

| B.19**.** [**Course learning outcomes**](#outcomes)**: List each one in a separate row** | [**Professional Org.Standard(s)**](#standards)**, if relevant** | [**How will each outcome be measured**](#measured)**?** |
| --- | --- | --- |
| * Identify the anatomical structures of the brain, cranium & facial bones, neck, spine, thorax, abdomen, pelvis, upper extremity, and lower extremity.
* Describe the relationship of each anatomical structure to surrounding structures.
* Locate each anatomical structure on images from various modalities in a transverse axial, coronal, sagittal, orthogonal (oblique) cross-sectional imaging, and 3D imaging.
 |  | * Examination
* Examination
* Examination
 |

| B.20. [**Topical outline**](#outline)**: DO NOT INSERT WHOLE SYLLABUS, JUST A TWO-TIER TOPIC OUTLINE. Proposals that ignore this request will be returned for revision.** |
| --- |
| 1. All anatomy seen on CT, MR, radiography, and ultrasound images, when applicable
2. Head and brain
	1. Surface anatomy
	2. Sinuses
	3. Facial and orbit
	4. Cranium
	5. Brain
	6. Vessels – arteries, veins
	7. Ventricles, meninges, basal ganglia
	8. Anatomical structures of brain
3. Neck
	1. Bones
	2. Organs
	3. Vasculature and neurovasculature
	4. Musculature
4. Chest and mediastinum
	1. Boney thorax
	2. Pulmonary
	3. Mediastinum
	4. Breasts
	5. Musculature
5. Abdomen
	1. Diaphragm and openings
	2. Surface landmarks and regions
	3. Addison’s planes
	4. Abdominal aorta
	5. Inferior vena cava
	6. Portal vein
	7. Abdominal organs and structures
6. Pelvis
	1. Bony structures
	2. Vasculature
	3. Pelvic organs
7. Musculoskeletal
	1. Upper extremities
	2. Lower extremities

  |

## D. Signatures

* Changes that affect General Education in any way MUST be approved by ALL Deans and COGE Chair.
* Changes that directly impact more than one department/program MUST have the signatures of all relevant department chairs, program directors, and their relevant dean (e.g. when creating/revising a program using courses from other departments/programs). Check UCC manual 4.2 for further guidelines on whether the signatures need to be approval or acknowledgement.
* Proposals that do not have appropriate approval signatures will not be considered.
* Type in name of person signing and their position/affiliation.
* Send electronic files of this proposal and accompanying catalog copy to curriculum@ric.edu and a printed signature copy of this whole form to the current Chair of UCC. Check UCC website for due dates.

##### D.1. Approvals: required from programs/departments/deans who originate the proposal. may include multiple departments, e.g., for joint/interdisciplinary proposals.

| Name | Position/affiliation | [Signature](#_Signature" \o "Insert electronic signature, if available, in this column) | Date |
| --- | --- | --- | --- |
| Eric Hall | Program Director of Medical Imaging | e-mail confirmation to curriculum@ric.edu | 4/1/2020 |
| Eric Roberts | Chair of Biology | e-mail confirmation to curriculum@ric.edu | 4/1/2020 |
| Earl Simson | Dean of Arts and Sciences | e-mail confirmation to curriculum@ric.edu | 4/6/2020 |

##### D.2. [Acknowledgements](#acknowledge): REQUIRED from OTHER PROGRAMS/DEPARTMENTS (and their relevant deans if not already included above) that are IMPACTED BY THE PROPOSAL. SIGNATURE DOES NOT INDICATE APPROVAL, ONLY AWARENESS THAT THE PROPOSAL IS BEING SUBMITTED. CONCERNS SHOULD BE BROUGHT TO THE UCC COMMITTEE MEETING FOR DISCUSSION; all faculty are welcome to attend.

| Name | Position/affiliation | [Signature](#Signature_2) | Date |
| --- | --- | --- | --- |
| Claire Creamer | Chair of Undergraduate Nursing | e-mail confirmation to curriculum@ric.edu | 4/9/2020 |
| Debra Servello | Dean of SON |  | 4/2/2020 |
|  |  |  | Tab to add rows |