# 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) | **DMS 305 Foundations of Diagnostic Medical Sonography** | | | |  |
| [Replacing](#Ifapplicable) | **DMS 305 Obstetrical and Gynecological Sonography I** | | | |
| A.2. [Proposal type](#type) | **Course: revision** | | | |
| A.3. [Originator](#Originator) | **Eric Hall** | [Home department](#home_dept) | **Biology/Health Sciences** | | |
| A.4. [Context and Rationale](#Rationale) | **This revision updates content, course title, prerequisite, when offered, and credits to more fully represent the general background in the discipline needed at this foundational stage. Obstetrical and gynecological sonographic topics have been moved into later new courses dedicated to the topics. Ongoing students in the old program have already taken DMS 305 so these changes will not affect them.** | | | | |
| A.5. [Student impact](#student_impact) | **Improved readiness for working in the hospital or clinical environment** | | | | |
| A.6. [Impact on other programs](#impact) | **None** | | | | |
| A.7. [Resource impact](#Resource) | [*Faculty PT & FT*](#faculty): | **This course will either be taught by LSMI faculty.** | | | |
| [*Library*:](#library) | **None** | | | |
| [*Technology*](#technology) | **None** | | | |
| [*Facilities*](#facilities): | **None** | | | |
| 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. | New Examples 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) | **DMS 305** | **DMS 305** |
| B.2. Cross listing number if any |  |  |
| B.3. [Course title](#title) | Obstetrical and Gynecological Sonography I | **Foundations of Diagnostic Medical Sonography** |
| B.4. [Course description](#description) | Students gain knowledge of the menstrual cycle and sonographic anatomy of the female pelvis. Emphasis is placed on normal pelvic anatomy and an introduction to early pregnancy and its complications | Students are introduced to the Diagnostic Medical Sonography profession. Foundations and basic principles will be discussed. |
| B.5. [Prerequisite(s)](#prereqs) | Admission into the diagnostic medical sonography concentration. | **Acceptance into a Medical Imaging Clinical program** |
| B.6. [Offered](#Offered) | **Spring** | **Fall** |
| B.7. [Contact hours](#contacthours) | **1.5** | **3** |
| B.8. [Credit hours](#credits) | **1.5** | **3** |
| B.9. [Justify differences if any](#differences) |  | |
| B.10. [Grading system](#grading) |  |  |
| B.11. [Instructional methods](#instr_methods) |  | **Laboratory |** **[Hybrid](#hybrid" \o "Only select if you want the course to be listed in the catalog in this way; this selection means that this course can only be taught in this fashion. Courses that are occasionally hybrid/online only appear that way in the bulletin, not catalog.)** |
| 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) |  |  |
| B.16 [Recommended class-size](#class_size" \o "Check appendix XVIII in the UCC Manual for Best Practices) |  | **24** |
| B.17. [Redundancy statement](#competing) |  |  |
| 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)**?** |
| --- | --- | --- |
| Upon completion of this course, the student will have a basic understanding of ultrasound principles. The student will be able to properly identify image orientation, ultrasound characteristics, ultrasound functions and basic human anatomy. |  | Examination, Quizzes and Assignments |

| 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.** |
| --- |
| |  | | --- | |  | | Introduction to DMS | | Ultrasound Terminology & Image Orientation | | Ultrasound Acoustic Characteristics | | Mass Characterization | |  | | Knobology | | Knobology Demo (In-Class) | | Ergonomics | | Ergonomics Demo (In-Class) | | Normal Liver  Anatomy & Physiology | | Normal Gallbladder   Anatomy & Physiology | | Normal Pancreas & Spleen   Anatomy & Physiology | | Normal Kidney  Anatomy & Physiology | | Review | |  | |

## 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](mailto: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 FAS | e-mail confirmation to curriculum@ric.edu | 4/6/2020 |