# 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. ALL numbered categories in section (A) must be completed. Please do not use highlight to select choices within a category but simply delete the options that do not apply to your proposal (e.g. in A.2 if this is a course revision proposal, just delete the creation and deletion options and the various program ones, so it reads “course revision”) Do not delete any of the numbered categories—if they do not apply leave them blank. If there are no resources impacted please put “none” in each A. 7 category.**

|  |  |  |
| --- | --- | --- |
| A.1. [Course or program](#Proposal) | **BA Elementary Education/Mathematics middle level Major** |  |
| [Replacing](#Ifapplicable)  |  |
| A. 1b. Academic unit | **School of Education** |  |
| A.2. [Proposal type](#type) | **Program:** [**revision**](#revision) |  |
| A.3. [Originator](#Originator) | **Carolyn Obel-Omia** | [Home department](#home_dept) | **Elementary Education** |
| A.4. [Context and Rationale](#Rationale) Note: Must include additional information in smart tip for all [new programs](#type) | **Elementary Education/Mathematics Middle Level majors are currently required to take MATH 210 College Trigonometry as one of their content courses. Because there is limited demand for this course, it runs infrequently and may be phased out in the future. Mathematics department faculty proposed an alternate requirement of either: MATH 431 Number Theory or MATH 436 Discrete Mathematics. All are three credit courses so no totals will be changed. Both the replacement courses are requirements for other programs, so they are more likely to run. The content of both courses, especially Number Theory, is also very relevant to elementary education and middle school mathematics instruction. All are the same number of credits so no totals will be affected.****The needed trigonometry content is covered in the required course Mathematics 209 Pre-calculus, so Elementary Education majors will still receive the content in Trigonometry necessary for middle school mathematics instruction.**  |
| A.5. [Student impact](#student_impact)Must include to explain why this change is being made? | **This change will allow Elementary Education/Mathematics Middle Level majors to follow the Rhode Map for their program, stay on track to graduate within 9 semesters, and allow them to learn additional useful MATH skills.** |
| A.6. [Impact on other programs](#impact)  | **This change will have a positive impact on Math Department course enrollments, because, due to Math 210 being phased out and eventually deleted, MATH 431 and MATH 436 will likely have increased enrollments.** |
| A.7. [Resource impact](#Resource) | [*Faculty PT & FT*](#faculty):  | **None. These are both existing courses.** |
| [*Library*:](#library) | **None.** |
| [*Technology*](#technology) | **None.** |
| [*Facilities*](#facilities): | **None.** |
| A.8. [Semester effective](#Semester_effective) | **Fall 2023** | A.9. [Rationale if sooner than next Fall](#Semester_effective) |  |
| A.10. INSTRUCTIONS FOR CATALOG COPY: Use the Word copy versions of the catalog sections found on the UCC Forms and Information page. Cut and paste into a single file **ALL the relevant pages from the college catalog that need to be changed.** Use tracked changes feature to show how the catalog will be revised as you type in the revisions. If totally new copy, indicate where it should go in the catalog. If making related proposals a single catalog copy that includes all changes is preferred. Send catalog copy as a separate single Word file along with this form. |
| A.11. List here (with the relevant urls), any RIC website pages that will need to be updated (to which your department does not have access) if this proposal is approved, with an explanation as to what needs to be revised: |
| A. 12 **Check to see if your proposal will impact any of our** [**transfer** **agreements,**](transfer%20agreements) **and if it does explain in what way. Please indicate clearly what will need to be updated.** |
| A. 13 Check the section that lists “Possible NECHE considerations” on the UCC Forms and Information page and if any apply, indicate what that might be here and contact Institutional Research for further guidance. |

### C. [Program Proposals](#program_proposals) **Complete only what is relevant to your proposal. Delete section C if not needed. PLease add in the 2020 CIP number for MAJOR revisions or new programs in C. 2; these can be found at** [**https://nces.ed.gov/ipeds/cipcode/browse.aspx?y=56**](https://nces.ed.gov/ipeds/cipcode/browse.aspx?y=56) **consult with Institutional research to be sure you select the correct one.**

|  | [Old (for revisions only)](#old_program) | New/revised |
| --- | --- | --- |
| C.1. [Enrollments](#enrollments) Must be completed. | **32 ELED Math intended and admitted majors** | **32**  |
| C. 2. [2020 CIP number](#CIPnumber" \o "THESE CAN BE FOUND AT HTTPS://NCES.ED.GOV/IPEDS/CIPCODE/BROWSE.ASPX?Y=56 CONSULT WITH INSTITUTIONAL RESEARCH TO BE SURE YOU SELECT THE CORRECT ONE.) | **No change** |  |
| C.3. [Admission requirements](#admissions) | **No change** |  |
| C.4. [Retention requirements](#retention) | **No change** |  |
| C.5. [Course requirements](#course_reqs) for each program option. Show the course requirements for the whole program here. | **Mathematics Content Courses**MATH 209 Precalculus 4MATH 210 College Trigonometry 3MATH 212 Calculus 4MATH 220 Formalizing Mathematical Thought 4MATH 240 Statistical Methods 1 4MATH 324 College Geometry 4MATH 409 Mathematical Problem Analysis 4 | **Mathematics Content Courses**MATH 209 Precalculus 4MATH 212 Calculus 4MATH 220 Formalizing Mathematical Thought 4MATH 240 Statistical Methods 1 4MATH 324 College Geometry 4MATH 409 Mathematical Problem Analysis 4MATH 431 Number Theory 3 -OR- MATH 436 Discrete Mathematics 3  |
| C.6. [Credit count](#credit_count) for each program option | **28 credits in mathematics courses** | **28 credits in mathematics courses** |
| C.7. Program Accreditation (if relevant) | **No change** |  |
| C.8 Is it possible that the program will be more than 50% online (includes hybrid)?\* | **NO** | **NO** |
| C.9 Will any classes be offered at sites other than RIC campus or the RI Nursing Ed. Center?\* | **NO** | **NO** |
| C. 10. Do these revisions reflect more than 25% change to the [program?\*](file:///Users/sabbotson/Documents/Curriculum/Program%20goals)  | **NO** | **NO** |
| C.11. [Program goals](file:///Users/sabbotson/Documents/Curriculum/Program%20goals)Needed for all new programs |  |  |
| C.12. Other changes if any |  |  |

\* If answered YES to either of these questions will need to inform Institutional Research and get their acknowledgement on the signature page.

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 to the current Chair of UCC. Check UCC website for due dates. Do NOT convert to a .pdf.

##### D.1. Approvals: required from programs/departments/deans who originate the proposal. THESE 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 |
| --- | --- | --- | --- |
| Maria Lawrence | Program Coordinator of ELED BA (Math and Science) | Maria Lawrence | 4/20/2023 |
| Carolyn Obel-Omia | Chair of Elementary Education | Carolyn Obel-Omia | 4/20/2023 |
| Jeannine Dingus-Eason | Dean of FSEHD | Jeannine Dingus-Eason | 4/20/23 |

##### 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 |
| --- | --- | --- | --- |
| Rebecca Sparks | Chair of Mathematical Sciences | Rebecca Sparks | 4/24/23 |
| John Burke | Chair of Math Education Committee | John Burke | 4/24/23 |
|  |  |  | Tab to add rows |