# 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): please read.

**N.B. DO NOT USE HIGHLIGHT, please DELETE THE WORDS THAT DO NOT APPLY TO YOUR PROPOSAL**

**ALL numbers in section (A) need to be completed, including the impact ones.**

|  |  |  |
| --- | --- | --- |
| A.1. [Course or program](#Proposal) | **Certificate of undergraduate study: physics education** |  |
| [Replacing](#Ifapplicable)  | **N/A** |
| A.2. [Proposal type](#type) | **Program:** [**creation**](#creation) |
| A.3. [Originator](#Originator) | **Rudolf Kraus** | [Home department](#home_dept) | **Educational Studies** |
| A.4. [Context and Rationale](#Rationale)  | **This certificate will allow:****1. A secondary education major to qualify for certification in physics education.****2. An in-service teacher to add physics education to an existing science teacher certification (e.g. biology, chemistry, or general science).** **This change enables clearer advising and is part of the revision to programs within the Feinstein School of Education and Human Development.**  |
| A.5. [Student impact](#student_impact) | **This clarifies the plan of study for students interested in this area and their advisors. It also addresses the stated preference of the Rhode Island Department of Education to move to a model in which in-service or future teachers can obtain credentials for teaching in a specific area without having to pursue an entire undergraduate degree in that area.** |
| A.6. [Impact on other programs](#impact)  | **This change will increase enrollment in the classes listed. This change will increase demand for these physics classes on weekdays at 4pm or later, on Saturdays, or during Summer II. We propose a cohort model in order to simplify scheduling.** |
| A.7. [Resource impact](#Resource) | [*Faculty PT & FT*](#faculty):  | **This could impact scheduling.** |
| [*Library*:](#library) | **No impact.** |
| [*Technology*](#technology) | **No impact.** |
| [*Facilities*](#facilities): | **No impact.** |
| 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 file along with this form. |

### C. [Program Proposals](#program_proposals) **complete only what is relevant to your proposal Delete this whole page if the proposal is not revising, creating, deleting or suspending any progam.**

|  | [Old (for revisions only)](#old_program) | New/revised |
| --- | --- | --- |
| C.1. [Enrollments](#enrollments) |  | **6-10 students** |
| C.2. [Admission requirements](#admissions) |  | **Admission to FSEHD or RIDE certified secondary education teacher.** |
| C.3. [Retention requirements](#retention) |  | **2.75 GPA** |
| C.4. [Course requirements](#course_reqs) for each program option |  | **MATH 213 (4 credits)****PHYS 101 (4 credits)****PHYS 102 (4 credits)****PHYS 307 (4 credits)****PHYS 311 (4 credits)** **Physics electives (total of 6-8 credits): Two of the following: PHYS 309, 312 (MATH 314), 313, 315, 320, 321, 401 (MATH 314), 402, 403 (MATH 314), 407, 409, 413 (PHYS 313)** |
| C.5. [Credit count](#credit_count) for each program option |  | **26-28** **Several electives require MATH 314 as a prereq. and one the PHYS 313 elective, which if selected would add additional credits)** |
| C.6. Other changes if any |  | **Successful completion of the Praxis II Physics test is an additional requirement** |
| C.7 [Program goals](http://www-prod.ric.edu/curriculum_committee/documents/Program%20goals)Needed for all new programs |  | **Certification as a Rhode Island physics teacher.** |

## 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 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 or electronic signature copy of this 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 prposals.

| Name | Position/affiliation | [Signature](#_Signature" \o "Insert electronic signature, if available, in this column) | Date |
| --- | --- | --- | --- |
| Sarah Knowlton | Chair of Physical Sciences |  |  |
| Earl Simson | Dean of Arts and Sciences |  |  |
| Lesley Bogad | Chair of Educational Studies |  |  |
| Gerri August or Julie Horwitz | Dean of FSEHD |  |  |
| Stephanie Costa | Chair of Mathematics |  |  |

##### D.2. [Acknowledgements](#acknowledge): REQUIRED from OTHER PROGRAMS/DEPARTMENTS 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

| Name | Position/affiliation | [Signature](#Signature_2) | Date |
| --- | --- | --- | --- |
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|  |  |  | Tab to add rows |