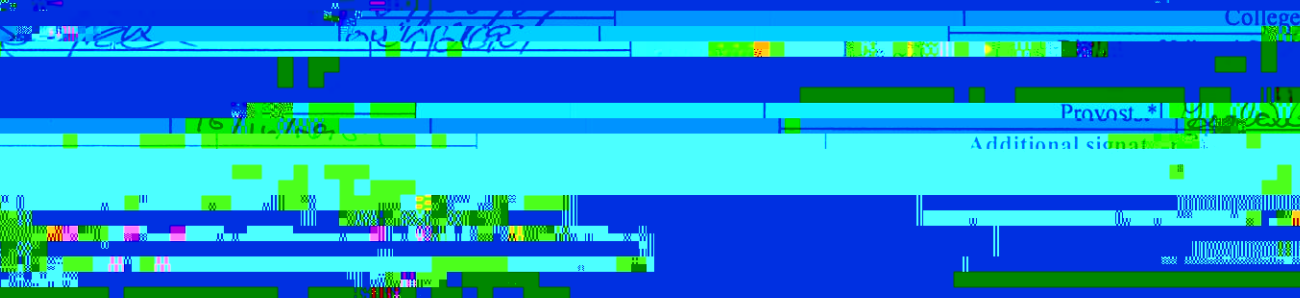
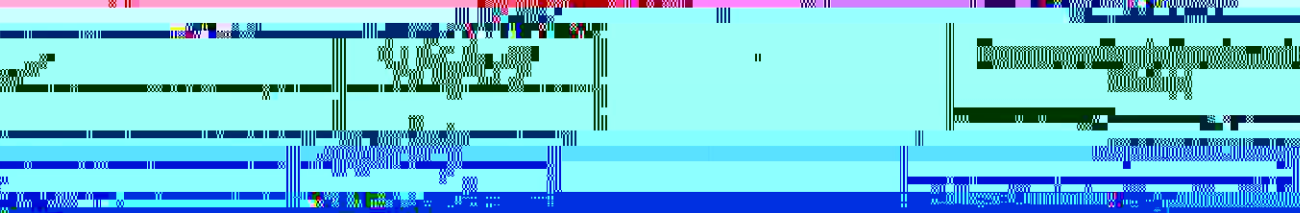
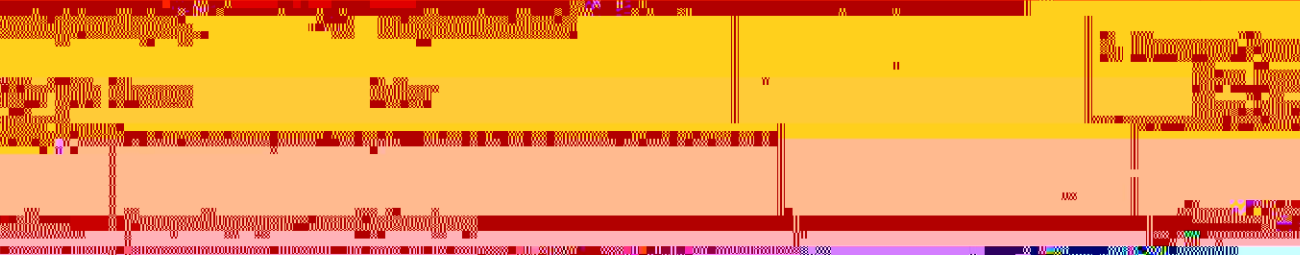
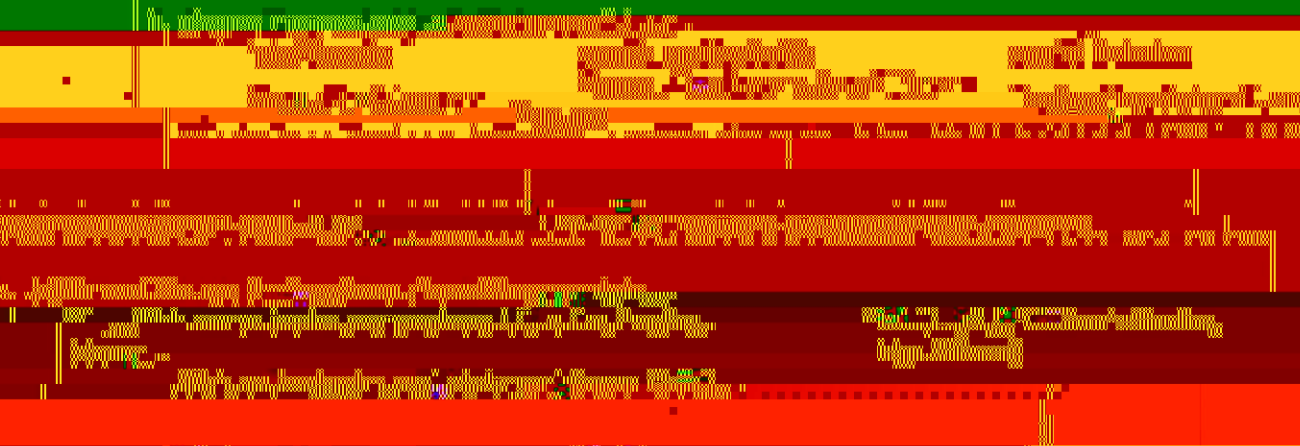
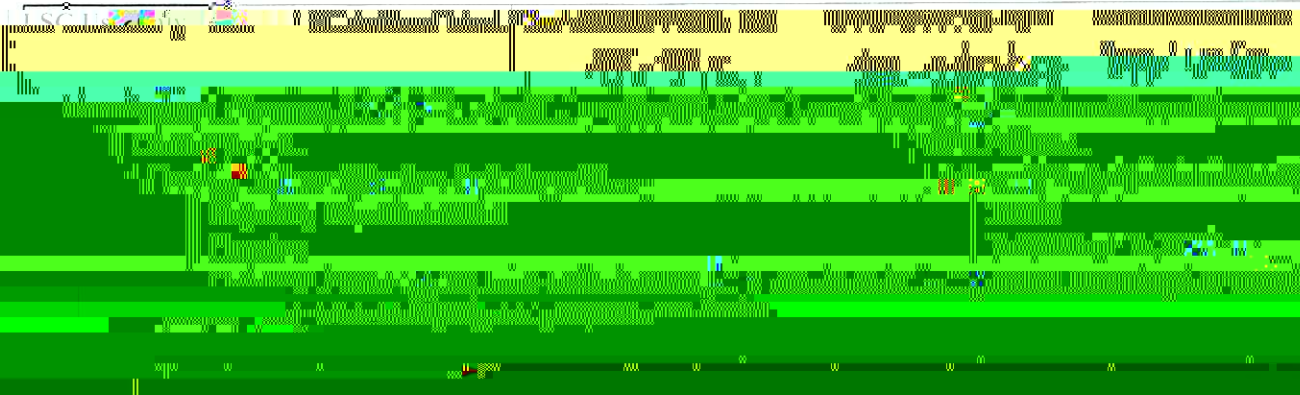


09-11e



APR 05 2009

APR 05 2009

Library Studies

Part I. Curriculum Proposal Cover Sheet (see above)

Part II. Description of Curriculum Change

Note: The revised catalog description applies to the Department's "Bachelor of Science in Education –

[The remainder of the page is a series of horizontal lines, indicating a form for the description of curriculum change. The lines are mostly blank, suggesting the content has been redacted or is otherwise obscured.]

2. **Summary of changes:**

"(i) ... (ii) ... (iii) ... (iv) ... (v) ... (vi) ... (vii) ... (viii) ... (ix) Liberal studies credits are

[The remainder of the page is heavily obscured by horizontal black bars and scanning artifacts, rendering the text illegible.]

2(b) List of all associated course changes

Course Proposals Associated with Program Revisions

				New Format	Old Format	Decision
PHYS 441	N/A	Classical Mechanics	3c-01-3cr	N/A		New Course
PHYS 451	N/A	Electricity & Magnetism	3c-01-3cr	N/A		New Course
BIOL 111		Principles of Biology I	3cr-31-3cr			Added course
	PHYS 222	Mechanics I		2c-01-2cr		Deleted
	PHYS 223	Mechanics II		2c-01-2cr		Deleted
	PHYS 322	Electricity & Magnetism I		2c-01-2cr		Deleted
	PHYS 323	Electricity & Magnetism II		2c-01-2cr		Deleted

3. Need for the changes

From the physics departments' student assessment plan, it has become clear that the students do not make
~~head connections between the various sub disciplines in our physics programs. Therefore, the department~~

Part III. Implementation. Provide answers to the following questions:

1. How will the proposed revision affect students already in the existing program?

For current students, the physics department will allow the new courses to count in lieu of the ones in the current catalog.

2. Are faculty resources adequate? If you are not requesting or have not been authorized to hire additional faculty, demonstrate how this course will fit into the schedule(s) of current faculty.

The change in the Mathematics sequence has been approved, and any impact on faculty resources

Stan

Please consider this message a positive response to your request. We'll be

happy to have the Physics Ed majors in BIOL 111. Thanks, CL.

Dr. Carl S. Luciano
Professor and Chair
Department of Biology
Indiana University of Pennsylvania

----- Original Message -----

From: "Stanley Sobolewski" <sobolews@iup.edu>
To: "Luciano, Carl S" <Carl.Luciano@iup.edu>
Sent: Friday 27 October 2006 2:52 PM
Subject: Change in Physics Education Major BIO 103 to BIO 111

> Dr. Luciano:
>
> The Physics Department is changing the program requirements for the
> Physics
> Education Program. We are removing BIO 103 and replacing it with BIO 111.
> The number of students is very small, 3 or 4 per year, so neither course
> should be affected very much. The intent of this e-mail is to let you

> believe
> that Holly Travis had discussed this with Barkley Butler - who I
> understand
> is the "lead instructor" for BIO 111. If there are any questions or
> problems, feel free to ask me or Ken Hershman, Physics Department Chair.

Bachelor of Science in Education–Middle Level Program – Math Concentration (*)

Middle Level Education/Mathematics Concentration

Special Ed. 120/6 In Class Hours 241/251 Contact Hours 8.5/19.5 In Class Hours Needed 19/29 Contact Hours Needed
E.L.L. 36/8 In Class Hours 73/7 Contact Hour 8.5/6.5 In Class Hours Needed 17/13 Contact Hours Needed

Liberal Studies: As outlined in Liberal Studies section with the following specifications: Humanities-History: fulfilled by required courses in major	52
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Social Science: GEOG 104, ECON 121 & PLSC 101/111