

SIGNATURE ROUTING LOG

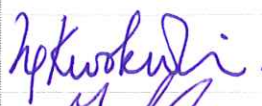



General Information:

Proposal Type: Course Program Other
 Proposal Name¹ (course prefix & number, pgm major & degree, etc.): Physics Minor
 Proposal Contact Person Name: Kwok-Wai Ng Phone: 7-1782 Email: kwng@uky.edu

INSTRUCTIONS:

Identify the groups or individuals reviewing the proposal; note the date of approval; offer a contact person for each entry; and obtain signature of person authorized to report approval.

Internal College Approvals and Course Cross-listing Approvals:

Reviewing Group	Date Approved	Contact Person (name/phone/email)	Signature
Physics & Astronomy	8/19/10	Kwok-Wai Ng, DUS / 7-1782 / kwng@uky.edu	
Physics & Astronomy	8/19/10	Mike Cavagnero / 7-6901 / mike@pa.uky.edu	
		/ /	
		/ /	
A&S Ed. Policy Cmte.	<i>11/2/10</i>	G. Murthy, Nat. Sci. / 7-4729 / ganpathy.murthy@uky.edu	
A&S Dean	<i>11/2/10</i>	Anna Bosch, Associate Dean / 7-6689 / bosch@uky.edu	

External-to-College Approvals:

Council	Date Approved	Signature	Approval of Revision ²
Undergraduate Council	12/07/2010		
Graduate Council			
Health Care Colleges Council			
Senate Council Approval		University Senate Approval	

11/8/10 sent to uac

Comments:

¹ Proposal name used here must match name entered on corresponding course or program form.

² Councils use this space to indicate approval of revisions made subsequent to that council's approval, if deemed necessary by the revising council.

NEW UNDERGRADUATE MINOR / CHANGE UNDERGRADUATE MINOR FORM

Please fill out Section I.

SECTION I: GENERAL INFORMATION

Program: Physics and Astronomy

Minor: Physics

College: Arts and Sciences

Department: Physics and Astronomy

Bulletin PP: 145

CIP Code: 400801

Accrediting Agency (if applicable): _____

⇒ Fill out Section II if you are proposing a NEW minor.

Section II: New Minor

Minor Prerequisites (list course prefix, number and title): _____

Minor Requirements (list course prefix, number and title): _____

Minor Electives (list course prefix, number and title): _____

Total Hours Required: _____

Rationale for Proposal: _____

⇒ Fill out Section III if you are CHANGING requirements for an existing minor.

Section III: Change in Minor Requirements

Current

PHY 231

PHY 241

PHY 232

PHY 242

MA 113

MA 114

MA 213

PHY 361

Proposed

(PHY 231 AND PHY241) OR (PHY211)

(PHY 232 AND PHY242) OR (PHY213)

MA 113 OR MA 137

MA 114 OR MA138

PHY 228

MA 213

PHY 361

8 hours from PHY 402, 404, 416, 417, 435W, 472G, 520, 522, 524, 545, 546, 554, 555, 556, 567, AST 591

Current Total Hours: 21 PHY; 12 MA

Proposed Total Hours: 16 PHY; 12 MA

Rationale for Proposal: The department is proposing to simultaneously reduce the physics course requirements of both the BA and minor degrees. Currently, almost no students minor in physics because of the difficulty of and math prerequisites for the 400- and 500-level physics courses. This proposal will make the minor more attractive to a broader audience, including students in engineering.

NEW UNDERGRADUATE MINOR / CHANGE UNDERGRADUATE MINOR FORM

chemistry, and education. We will also accept algebra based physics PHY211 and PHY213 as a substitue to calculus based PHY231 and PHY232 and the laboratory courses PHY241 and PHY242 (covered in PHY211 and PHY213 inclusively). This will allow stundents in biological sciences to minor in physics, as most of these students take PHY211 and PHY21. MA137 and MA 138 are the new calculus courses with emphysis on biological applications. These two courses should be equivalent to MA113 and MA114.

Will this program be printed in the Bulletin?

Yes

No