



Prefix Change

Course Deletion

Reorganization, Title

Change

Description Change

Program Revision

3. Program Proposal

Program Title Change

Other

New Degree Program

New Associate's Program

NEW TRACK

Date

4. Approvals

Department Curriculum

Res as app, /date

WVCC Co-Chairs

7-23-08

Gail

1. Catalog Description For The Revised Bachelor of Science - Physics Program.

Bachelor of Science—Physics

Liberal Studies: As outlined in Liberal Studies section with the following specifications: 50

Mathematics: MATH 123

Physics: PHYS 131, 132, 141, 142, 222, 223, 231, 322, 323, 331, 342, 345, 350

Major:

Required Courses:

PHYS 131	Physics I-C Lecture	*cr(1)
PHYS 132	Physics II-C Lecture	*cr(1)
PHYS 141	Physics I-C Lab	*cr(1)
PHYS 142	Physics II-C Lab	*cr(1)
PHYS 222	Mechanics I	2cr
PHYS 223	Mechanics II	2cr
PHYS 231	Electronics	4cr
PHYS 322	Electricity and Magnetism I	2cr
PHYS 323	Electricity and Magnetism II	2cr
PHYS 331	Modern Physics	3cr
PHYS 342	Thermal and Statistical Physics	3cr
PHYS 345	Optics	3cr
PHYS 350	Intermediate Experimental Physics I	3cr

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2. Summary of Changes

a. Table Comparing "Old" And "New" Bachelor of Science - Physics Programs

"OLD" BACHELORS OF SCIENCE - PHYSICS PROGRAM			"NEW" BACHELORS OF SCIENCE - PHYSICS PROGRAM		
Liberal Studies: 50 As outlined in the Liberal Studies section with the following specifications: Mathematics: MATH 123 Natural Science: PHYS 131-141 and PHYS 132-142 Liberal Studies Electives: 4cr, MATH 124, no courses with PHYS prefix			Liberal Studies: 50 As outlined in the Liberal Studies section with the following specifications: Mathematics: MATH 123 Natural Science: PHYS 131-141 and PHYS 132-142 Liberal Studies Electives: 4cr, MATH 124, no courses with PHYS prefix		
"OLD" B S - PHYSICS PROGRAM			"NEW" BS - PHYSICS PROGRAM		
Major:		37	Major:		37
Required Courses:			Required Courses:		
PHYS 131	Physics I-C Lecture	*cr(1)	PHYS 131	Physics I-C Lecture	*cr(1)
PHYS 132	Physics II-C Lecture	*cr(1)	PHYS 132	Physics II-C Lecture	*cr(1)

Old Catalog Notes:

- (1) Credits are counted in the Liberal Studies Natural Science requirement.
- (2) Intermediate-Level Foreign Language may be included in Liberal Studies electives.

New Catalog Notes:

- (1) Credits are counted in the Liberal Studies Natural Science requirement.
- (2) Intermediate-Level Foreign Language may be included in Liberal Studies electives.
- (3) **6cr of computer language may substitute for the foreign language requirement: COSC 110 and COSC 210 or higher-level computer science courses (COSC 250 recommended) with department permission.**

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Sent: Thursday, December 09, 2004 3:00 PM
Subject: clarification of Foreign Language statement in IUP catalog (Physics degree's)

Dr.s McCreary and Smith,

Since the option became available, the Physics Department has allowed our majors to choose to complete the foreign language either by completing the standard 6cr of intermediate level of foreign language or 6cr of computer science language. For jointly this latitude is not covered in the current catalog statement which simply