

Fiscal Unit/Academic Org	Physics - D0684
Administering College/Academic Group	Mathematical And Physical Sci
Co-administering College/Academic Group	
Semester Conversion Designation	Re-envisioned with significant changes to program goals and/or curricular requirements (e.g., degree/major name changes, changes in program goals, changes in core requirements, structural changes to tracks/options/courses)
Current Program/Plan Name	Physics
Proposed Program/Plan Name	Physics
Program/Plan Code Abbreviation	PHYSICS-PH
Current Degree Title	Doctor of Philosophy

Credit Hour Explanation

Program credit hour requirements		A) Number of credit hours in current program (Quarter credit hours)	B) Calculated result for 2/3rds of current (Semester credit hours)	C) Number of credit hours required for proposed program (Semester credit hours)	D) Change in credit hours
Total minimum credit hours required for completion of program		62	41.3	33	8.3
Required credit hours offered by the unit	Minimum	62	41.3	33	8.3
	Maximum	66	44.0	34	8.3
Required credit hours offered outside of the unit	Minimum	0	0.0	0	0.0
	Maximum	0	0.0	0	0.0
Required prerequisite credit hours not included above	Minimum	0	0.0	0	0.0
	Maximum	0	0.0	0	0.0

Explain any change in credit hours if the difference is more than 4 semester credit hours between the values listed in columns B and C for any row in the above table

All of the core courses will be reduced to 3 CR courses (from 5 CR for the old Quantum Mechanics sequence and 4 CR for the other core courses), with some of the less foundational content removed. Under semesters, all graduate students will be required to take all six semester core courses during their first year (exceptions will be considered by petition), so that they will be better positioned to move into research and take advanced courses during their second year. The number of CR and contact hours for each core course was reduced to make it possible for first-year Graduate Teaching Associates to complete all core courses, take the required P6780 and P7891A seminars, fulfill their teaching duties, and to start to get involved in research.

Program Learning Goals

Note: these are required for all undergraduate degree programs and majors now, and will be required for all graduate and professional degree programs in 2012. Nonetheless, all programs are encouraged to complete these now.

Program Learning Goals

Assessment

Assessment plan includes student learning goals, how those goals are evaluated, and how the information collected is used to improve student learning. An assessment plan is required for undergraduate majors and degrees. Graduate and professional degree programs are encouraged to complete this now, but will not be required to do so until 2012.

Is this a degree program (undergraduate, graduate, or professional) or major proposal? Yes

Does the degree program or major have an assessment plan on file with the university Office of Academic Affairs? No

Program Specializations/Sub-Plans

If you do not specify a program specialization/sub-plan it will be assumed you are submitting this program for all program specializations/sub-plans.

Pre-Major

Does this Program have a Pre-Major? No

Attachments

- chairLetter.pdf: Letter from Chair
(Letter from Program-offering Unit. Owner: Hughes, Richard E)
- PhysicsGradQuarters.pdf: Quarter program description
(Quarter Advising Sheet(s). Owner: Hughes, Richard E)
- PhysicsGradSemesters.pdf: Semester program description
(Semester Advising Sheet(s). Owner: Hughes, Richard E)
- courseListingAndConversionGrad.pdf: Course conversion and curricular map
(Curricular Map(s). Owner: Hughes, Richard E)

Comments

Workflow Information

Status	User(s)	Date/Time	Step
Submitted	Hughes, Richard E	10/21/2010 11:14 AM	Submitted for Approval
Approved	Hughes, Richard E	10/26/2010 10:39 AM	Unit Approval
Pending Approval	Zadnik, Karla Sue Andereck, Claude David	10/26/2010 10:39 AM	College Approval