



Annual Program Review 2011-2012 - INSTRUCTIONAL

Division - Program

PHYSICAL SCIENCES – Physical Science Course

Authorization

After the document is complete, it must be reviewed and submitted to the Program Review Committee by the Division Chair.

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Overview of the Program

All degrees and certificates are considered programs. In addition, divisions may further delineate and define programs based on their assessment needs (developmental sequences, career track, etc).

Statement of Purpose – briefly describe in 1-3 sentences.

The purpose of the physical science program is to teach one physical science course PS131 for students to meet a GE requirement or to transfer to a four year institution in a major that requires a 4 unit science course with a lab

List the current major strengths of your program

- 1 .It is a 4 unit science course with a lab.

List the current weaknesses of your program

- 1. The course has not been taught in over 2 years and will not be offered this year. Its function has been replaced by other courses with better enrollments and higher student demand.

1.0. Trend Analysis

For each program within the division, use the data provided to indicate trends (e.g., steady, increasing, decreasing, etc.) for each of the following measures.

Program	Academic Year	FTEs Trend	FTEF Trend	WSCH / FTEF Trend	Full-Time % Trend	Fill Rate Trend	Success Rate Trend	Awards Trend
ASTRONOMY	2007-2008	74	4.0	586	40.0%	89.6%	60.7%	0
	2008-2009	63	3.2	630	50.0%	104.2%	64.8%	0
	2009-2010	65	3.2	651	37.5%	100.4%	64.7%	0
	2010-2011	52	3.8	439	57.9%	98.8%	63.4%	0
	% Change	-28.7%	-5.0%	-25.0%	+44.7%	+10.3%	+4.6%	--
	4-Yr. Trend	decreasing	stable	decreasing	increasing	increasing	stable	increasing
CHEMISTRY	2007-2008	472	28.2	534	49.3%	89.5%	68.9%	0
	2008-2009	477	24.9	609	57.4%	107.7%	67.6%	0
	2009-2010	531	26.1	647	51.9%	110.8%	68.5%	0
	2010-2011	453	28.0	515	49.3%	104.3%	67.2%	0
	% Change	-4.0%	-0.6%	-3.4%	-0.0%	+16.5%	-2.5%	--
	4-Yr. Trend	stable	stable	stable	stable	increasing	stable	increasing
GEOLOGY/ Oceanography	2007-2008	176	8.4	668	54.8%	85.8%	70.1%	0
	2008-2009	208	8.0	826	32.5%	102.4%	73.1%	0
	2009-2010	215	8.2	834	39.0%	103.5%	67.4%	0
	2010-2011	196	10.1	618	34.0%	110.5%	69.1%	0
	% Change	+11.4%	+20.2%	-7.4%	-37.9%	+28.9%	-1.4%	--
	4-Yr. Trend	increasing	increasing	stable	decreasing	increasing	stable	increasing
PHYSICAL SCIENCE	2007-2008	22	1.6	439	0.0%	100.0%	72.6%	0
	2008-2009	6	0.4	457	100.0%	104.2%	72.0%	0
	2009-2010	0	0.0	--	--	--	--	0
	2010-2011	0	0.0	--	--	--	--	0
	% Change	-100.0%	-100.0%	--	--	--	--	--
	4-Yr. Trend	decreasing	decreasing	increasing	increasing	increasing	increasing	increasing
PHYSICS	2007-2008	89	5.8	488	86.2%	70.7%	72.3%	0
	2008-2009	95	5.6	541	85.7%	78.4%	68.7%	2
	2009-2010	111	5.4	653	55.6%	92.2%	73.9%	0
	2010-2011	109	7.3	473	55.4%	93.1%	70.4%	1
	% Change	+22.4%	+26.4%	-3.2%	-35.7%	+31.6%	-2.6%	--
	4-Yr. Trend	increasing	increasing	stable	decreasing	increasing	stable	increasing
PHYSICAL SCIENCES DIVISION TOTAL	2007-2008	833	48.0	553	52.3%	86.2%	68.5%	0
	2008-2009	849	42.1	641	56.3%	101.3%	69.6%	2
	2009-2010	922	42.9	684	48.8%	104.3%	68.2%	0
	2010-2011	811	49.2	524	47.7%	103.7%	68.0%	1
	% Change	-2.7%	+2.6%	-5.2%	-8.7%	+20.3%	-0.8%	--
	4-Yr. Trend	stable	stable	stable	stable	increasing	stable	increasing

1.1. Describe how these trends have affected student achievement and student learning:

The course has not been taught in over 2 years and will not be offered this year and so there is no student learning in this course(program).Its function has been replaced by other courses with better enrollments and higher student demand.

1.2. Is there other relevant quantitative/qualitative information that affects the evaluation of your program?

No

2.0. Student Learning and Curriculum

Provide the following information on each department and program within the division.

List each Department within the Division as well each degree, certificate, or other program* within the Department	Active Courses with Identified SLOs		Active Courses Assessed		Course Sections Assessed		If this area has program outcomes have they been assessed? Yes or No
	n/n	%	n/n	%	n/n	%	
PHYSICAL SCIENCE	1	1	0	0	0	0	

2.1. Please comment on the percentages above.

See answer to 1.1

- 2.2. a) Please provide a **link*** to all program assessment timelines here. This link could be to your division /department website, eLumen, etc.
 b) Briefly summarize any pedagogical or curricular elements of courses/programs that have been changed or will be changed as a result of developing assessment timelines and course/program alignment matrixes.
 c) Based on the program assessment timelines you have developed and the evidence you have gathered, please comment briefly on how far along your division/program is in the assessment process.

See answer to 1.1

- 2.3 a) Please provide a **link** to any program and/or relevant course assessment reports. Does the evidence from assessment reports show that students are achieving the desired learning outcomes?
 b) Please briefly summarize any pedagogical or curricular elements of courses and/or programs that have been changed or will be changed as a result of the assessments conducted.

There are none

- 2.4 Please list all courses which have been reviewed in the last academic year.
Note: Curriculum Review is required by the Chancellors Office every 6 years.

None

- 2.5 Please list all degree/certificate programs within the division that were reviewed in the last academic year.

None. The Physical Sciences AA program has just been written and it is too early to evaluate.

2.6 For each program that was reviewed, please list any changes that were made.

N/A

3.0. Reflection and Action Plans

3.1 What recent activities, dialogues, discussions, etc. have occurred to promote student learning or improved program/division processes?

None in Physical Science, see reports from Physics, Astronomy, and Geology /Oceanography.

3.2 Using the weaknesses, trends and assessment outcomes listed on the previous pages as a basis for your comments, please briefly describe your plans and/or modifications for program/division improvements

Plans or Modifications	Anticipated Improvements
<ul style="list-style-type: none"> The physical Sciences Division plans and improvements will not involve the Physical Science course .It will focus on the Physics, Chemistry, Geology, and Oceanography programs. 	None in this area

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