

## APASP Unit of Analysis Datasheet

**Unit of Analysis:** Physics

**Unit No:** 70.00

**College:** College of Humanities & Sciences

**Author:** Andrew Ware

**Department:** Physics & Astronomy

**Degree:** Bachelor

**Major:** Physics

### Program Information Data (Not a criterion, Not Weighted):

Physics	2013	2014	2015	2016	2017
<b>Instructional Faculty FTE (includes Grad Asst)</b>	9.4	8.4	10.0	9.8	9.2
<b>TT/T Instructional Faculty FTE</b>	5.4	4.9	5.8	5.8	6.0
<b>Total Personnel Costs (w/o benefits)</b>	\$1,119,824	\$1,317,701	\$1,412,187	\$1,363,896	\$1,397,419
<b>Total Personnel Benefit Cost</b>	\$273,401	\$334,199	\$366,714	\$350,235	\$369,872
<b>Faculty Personnel Cost (w/o benefits)</b>	\$657,136	\$781,161	\$858,106	\$840,744	\$875,333
<b>Research Faculty FTE</b>	0.6	1.2	1.1	1.1	1.0

### Criteria 2 Metric 1: 5 YA of SCH for Gen-Ed courses, total (2Y, UG) – Department Metric

Department for Unit of Analysis	2013	2014	2015	2016	2017	Quintile (score 1-5)
<b>Physics</b>	5,142	4,986	4,578	4,987	4,561	4

**Criteria 2 Metric 2: 5 YA of SCH for Gen-Ed courses, per instructional FTE – Department Metric**

Department for Unit of Analysis	2013	2014	2015	2016	2017	Quintile (score 1-5)
Physics	546.3	525.2	459.1	470.9	461.1	5

**Criteria 2 Metric 3: 5 YA of SCH ratio of non-majors to total – Department Metric**

Department for Unit of Analysis	2013	2014	2015	2016	2017	Quintile (score 1-5)
Non-Major SCH	4,991.0	4,849.0	4,540.0	4,707.0	4,406.0	
Total SCH	5,752.0	5,597.0	5,228.0	5,569.0	5,335.0	4
Percent	86.8%	86.6%	86.8%	84.5%	82.6%	

**Criteria 3 Metric 1: Number of Majors and Metric 2: Trend over 5 years**

Unit of Analysis	2013	2014	2015	2016	2017	5 Yr Avg	Quintile (score 1-5)
Physics	151.0	148.0	145.0	165.0	167.0	155.2	2
<b>Trend</b>							
Trend Analysis (slope of metric over 5 years)						0.4	5.0



	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
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**Certificates**

	2013	2014	2015	2016	2017	5 Yr Avg
	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

**Criteria 3 Metric 5: 5YA of Degrees Awarded and Metric 6: Trend over 5 years**

Unit of Analysis	2013	2014	2015	2016	2017	5 Yr Avg	Quintile (score 1-5)
Physics	8.0	10.0	7.0	12.0	15.0	10.4	2
<b>Trend</b>							
Trend Analysis (slope of metric over 5 years)						0.6	5

**Criteria 3 Metric 7: 5 YA of minors awarded**

Unit of Analysis	2013	2014	2015	2016	2017	5 Yr Avg	Quintile (score 1-5)
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<b>Physics</b>	1	0	0	0	0	0.2	1
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**Criteria 3 Metric 8: 5YA of student FTE/instructional FTE ratio and Metric 9: Trend over 5 years – Department Metric**

<b>Department for Unit of Analysis</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>5 Yr Avg</b>	<b>Quintile (score 1-5)</b>
<b>Physics</b>	20.4	19.7	17.3	17.6	17.9	18.6	3
<b>Trend</b>							
<b>Trend Analysis (slope of metric over 5 years)</b>						<b>-0.4</b>	<b>3</b>

**Criteria 4 Metric 1: 5YA Time to Degree**

<b>Unit of Analysis</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>5 Yr Avg</b>	<b>Quintile (score 1-5)</b>
<b>Physics</b>	5.2	6.3	3.7	5.1	4.8	5.1	3

**Criteria 4 Metric 2: 5YA Sophomore Persistence rates**

<b>Unit of Analysis</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>5 Yr Avg</b>	<b>Quintile (score 1-5)</b>
<b>Physics</b>	0.8	0.8	0.7	0.9	0.6	0.8	2

**Criteria 5 Metric 1: UG SCH per instructional FTE – Department Metric**

Department for Unit of Analysis	2013	2014	2015	2016	2017	5 Yr Avg	Quintile (score 1-5)
Physics	612.2	591.1	520.1	526.4	537.6	557.5	3

**Criteria 5 Metric 2: UG SCH per T/TT Faculty FTE – Department Metric**

Department for Unit of Analysis	2013	2014	2015	2016	2017	5 Yr Avg	Quintile (score 1-5)
Physics	1078.5	1021.6	893.2	890.8	823.9	941.6	4

**Criteria 5 Metric 5: Expenditures Grants & Contracts per TT/T and Research Faculty and Metric 6: 5 year Trend – Department Metric**

Department for Unit of Analysis	2013	2014	2015	2016	2017	5 Yr Avg	Quintile (score 1-5)
Physics	\$49,832	\$30,348	\$62,210	\$67,163	\$45,809	\$51,072	4
<b>Trend</b>							
Trend Analysis (slope of metric over 5 years)						0.2	3

**Criteria 5 Metric 7: IDC Generated per TT/T and Research Faculty – Department Metric**

Department for Unit of Analysis	2013	2014	2015	2016	2017	5 Yr Avg	Quintile (score 1-5)
<b>Physics</b>	\$20,871	\$12,769	\$9,052	\$11,829	\$11,240	\$13,152	5