

APASP Unit of Analysis Datasheet

Unit of Analysis: Mathematics

Unit No: 52.00

College: College of Humanities & Sciences

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Department: Mathematical Sciences

Degree: Bachelor

Major: Mathematics

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

Mathematics	2013	2014	2015	2016	2017
Instructional Faculty FTE (includes Grad Asst)	29.8	31.2	27.9	25.6	28.5
TT/T Instructional Faculty FTE	15.6	16.5	15.5	10.7	15.6
Total Personnel Costs (w/o benefits)	\$3,245,000	\$3,231,042	\$3,332,933	\$3,155,962	\$3,190,713
Total Personnel Benefit Cost	\$751,334	\$764,721	\$782,246	\$756,744	\$798,240
Faculty Personnel Cost (w/o benefits)	\$1,984,936	\$1,985,977	\$2,044,823	\$1,894,761	\$1,927,201
Research Faculty FTE	0.6	0.1	0.5	0.2	0.0

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)
Mathematics	13,882	14,018	13,410	13,714	11,933	5

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)
Mathematics	435.3	427.9	481.0	506.7	402.2	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	16,365.0	16,431.0	15,624.0	14,974.0	13,393.0	
Total SCH	17,772.0	17,800.0	16,849.0	16,086.0	14,600.0	5
Percent	92.1%	92.3%	92.7%	93.1%	91.7%	

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)
Mathematics	232.0	256.0	213.0	217.0	216.0	226.8	3
Trend							
Trend Analysis (slope of metric over 5 years)						-0.4	4.0

	#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)
Mathematics	21.0	29.0	32.0	18.0	26.0	25.2	3
Trend							
Trend Analysis (slope of metric over 5 years)						0	4

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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Mathematics	20	15	10	17	13	15.0	5
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Criteria 3 Metric 8: 5YA of student FTE/instructional FTE ratio and Metric 9: Trend over 5 years – Department Metric

Department for Unit of Analysis	2013	2014	2015	2016	2017	5 Yr Avg	Quintile (score 1-5)
Mathematics	18.9	18.5	20.2	20.1	16.6	18.9	3
Trend							
Trend Analysis (slope of metric over 5 years)						-0.2	3

Criteria 4 Metric 1: 5YA Time to Degree

Unit of Analysis	2013	2014	2015	2016	2017	5 Yr Avg	Quintile (score 1-5)
Mathematics	6.3	4.8	5.0	5.6	5.3	5.3	3

Criteria 4 Metric 2: 5YA Sophomore Persistence rates

Unit of Analysis	2013	2014	2015	2016	2017	5 Yr Avg	Quintile (score 1-5)
Mathematics	0.8	0.9	0.9	0.7	0.9	0.8	4

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)
Mathematics	563.5	553.6	603.7	599.2	494.7	562.9	4

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)
Mathematics	1073.5	1048.6	1089.3	1430.6	906.1	1109.6	2

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)	
Mathematics	\$12,329	\$14,777	\$9,842	\$18,120	\$7,281	\$12,470	3	
Trend								
Trend Analysis (slope of metric over 5 years)						-0.2	2	

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)
Mathematics	\$2,429	\$3,204	\$2,395	\$3,981	\$1,457	\$2,693	4