

APASP Unit of Analysis Datasheet

Unit of Analysis: Mathematics

Unit No: 54.00

College: College of Humanities & Sciences

Department: Mathematical Sciences

Author: Emily Stone/Cory Palmer/Jennifer Brooks

Degree: Master

Major: Mathematics

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

Mathematics	2013	2014	2015	2016	2017
Instructional Faculty FTE (includes Grad Asst)	3.5	2.4	2.8	3.3	2.4
TT/T Instructional Faculty FTE	3.5	2.1	2.8	3.2	2.4
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 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	54.0	171.0	86.0	54.0	81.0	
Total SCH	423.0	547.0	431.0	418.0	466.0	3
Percent	12.8%	31.3%	20.0%	12.9%	17.4%	

Concentrations cont.

	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

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	3	8	6	6	3	5.2	2
Trend							
Trend Analysis (slope of metric over 5 years)						-0.2	2

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	4.8	8.9	6.3	4.4	7.2	6.3	1
Trend							
Trend Analysis (slope of metric over 5 years)						0	4

Criteria 4 Metric 1: 5YA Time to Degree

Unit of Analysis	2013	2014	2015	2016	2017	5 Yr Avg	Quintile (score 1-5)
Mathematics	2.0	2.0	2.4	1.8	1.7	2.0	5

Criteria 5 Metric 3: Grad SCH per instructional FTE – Department Metric

Department for Unit of Analysis	2013	2014	2015	2016	2017	5 Yr Avg	Quintile (score 1-5)
Mathematics	115.8	213.0	151.3	104.8	173.5	151.7	1

Criteria 5 Metric 4: Grad 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	115.8	243.7	151.5	105.0	173.8	158.0	1

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

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Non-Major SCH	54.0	171.0	86.0	54.0	81.0	
Total SCH	423.0	547.0	431.0	418.0	466.0	3
Percent	12.8%	31.3%	20.0%	12.9%	17.4%	

Concentrations cont.

	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

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	#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

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Unit of Analysis	2013	2014	2015	2016	2017	5 Yr Avg	Quintile (score 1-5)
Mathematics	2	3	2	2	1	2.0	1
Trend							
Trend Analysis (slope of metric over 5 years)						-0.6	1

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	4.8	8.9	6.3	4.4	7.2	6.3	1
Trend							
Trend Analysis (slope of metric over 5 years)						0	4

Criteria 4 Metric 1: 5YA Time to Degree

Unit of Analysis	2013	2014	2015	2016	2017	5 Yr Avg	Quintile (score 1-5)
Mathematics	5.2	6.4	8.5	3.7	5.7	6.0	3

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