

APASP Unit of Analysis Datasheet

Unit of Analysis: Biology

Unit No: 28.00

College: College of Humanities & Sciences

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Department: Division Biological Sciences

Degree: Bachelor

Major: Biology

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

Biology	2013	2014	2015	2016	2017
Instructional Faculty FTE (includes Grad Asst)	23.8	24.4	25.2	25.0	22.6
TT/T Instructional Faculty FTE	19.2	17.6	20.2	19.5	17.1
Total Personnel Costs (w/o benefits)	\$7,118,975	\$6,777,777	\$6,695,729	\$7,554,728	\$7,084,146
Total Personnel Benefit Cost	\$1,644,988	\$1,623,226	\$1,665,905	\$1,933,461	\$1,877,537
Faculty Personnel Cost (w/o benefits)	\$3,183,156	\$3,066,204	\$3,131,901	\$3,360,201	\$3,078,343
Research Faculty FTE	3.5	1.5	2.0	1.8	0.5

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)
Biology	6,228	5,932	6,065	5,827	5,669	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)
Biology	199.7	202.6	239.2	215.6	204.6	3

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	11,993.0	10,935.0	10,593.0	10,377.0	9,854.0	
Total SCH	17,608.0	15,591.0	15,331.0	15,153.0	13,924.0	4
Percent	68.1%	70.1%	69.1%	68.5%	70.8%	

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)
Biology	981.0	885.0	909.0	916.0	746.0	887.4	5
Trend							
Trend Analysis (slope of metric over 5 years)						-0.4	4.0

Concentrations

	2013	2014	2015	2016	2017	5 Yr Avg
Biological Education	17.0	14.0	11.5	22.5	24.5	17.9
Natural History	3.0	4.0	7.5	8.5	4.0	5.4
Teacher Preparation in Biology	0.0	0.0	0.0	0.0	0.0	0.0
Teacher Preparation in General Biology	3.5	6.0	4.5	3.0	1.5	3.7
Cellular & Molecular Biology	0.0	0.0	0.0	0.0	2.0	0.4
Ecology and Organismal Biology	0.5	0.5	1.0	0.0	4.0	1.2
Field Ecology	0.0	0.0	0.0	0.0	2.5	0.5
Genetics and Evolution	0.0	0.0	0.0	0.0	1.0	0.2
Human Biological Sciences	0.0	0.5	1.0	0.0	10.5	2.4

Minors

	2013	2014	2015	2016	2017	5 Yr Avg
Biology	16.5	20.5	25.0	34.0	30.5	25.3
	#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)
Biology	96.0	84.0	62.0	71.0	64.0	75.4	5
Trend							
Trend Analysis (slope of metric over 5 years)						-0.6	1

Criteria 3 Metric 7: 5 YA of minors awarded

Unit of Analysis	2013	2014	2015	2016	2017	5 Yr Avg	Quintile (score 1-5)
Biology	8	10	14	13	12	11.4	4

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)
Biology	20.6	19.2	20.8	19.2	19.0	19.8	4
Trend							
Trend Analysis (slope of metric over 5 years)						-0.6	2

Criteria 4 Metric 1: 5YA Time to Degree

Unit of Analysis	2013	2014	2015	2016	2017	5 Yr Avg	Quintile (score 1-5)
Biology	4.7	5.2	5.5	5.4	4.9	5.1	3

Criteria 4 Metric 2: 5YA Sophomore Persistence rates

Unit of Analysis	2013	2014	2015	2016	2017	5 Yr Avg	Quintile (score 1-5)
Biology	0.9	0.9	0.8	0.8	0.7	0.8	3

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)
Biology	617.1	575.9	622.7	573.9	569.9	591.9	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)
Biology	763.0	799.9	777.7	735.1	752.6	765.7	3

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)
Biology	\$125,744	\$108,841	\$130,319	\$167,545	\$218,322	\$150,154	5
Trend							
Trend Analysis (slope of metric over 5 years)						0.8	5

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)
Biology	\$29,792	\$29,779	\$39,700	\$41,616	\$57,910	\$39,759	5