

**Comprehensive Academic Program Evaluation (CAPE)  
Western Kentucky University  
Supplementary Data Tables**

<b>Institution:</b>
Western Kentucky University (00200200)
<b>College:</b>
Ogden College of Science and Engineering
<b>WKU Department Code:</b>
BIOL
<b>Data as of:</b>
30OCT18
<b>Prepared by:</b>
The WKU Office of Institutional Research

## Enrolled Students by Fall Term

Enrollments are based on Fall census, and include multiple majors, minors, and certificates.

Level - Degree Type - Major - CIP				Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Graduate	Masters	Biology for Teacher Leaders, MAE (#0442)	131205	2	1	2	2	1
		Biology, MS (#056)	260101	49	42	30	30	34
Undergraduate	Baccalaureate	Biology (minor required), BS (#617)	260101	588	609	537	574	574
		Biology, BS (#525)	260101	166	158	123	99	99
		Medical Laboratory Science, BS (#5004)	511005	0	0	0	25	17
		Medical Technology, BS (#582)~	511005	27	28	27	3	0
All				832	838	719	733	725

Level - Degree Type - Minor			Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Graduate	Non Degree	Biology, Minor (#003)	1	0	0	0	0
Undergraduate	Non Degree	Biology, Minor (#326)	63	68	62	59	58
All			64	68	62	59	58

## Conferrals by Academic Year

Conferrals awarded are based on Summer-Fall-Spring cycle, and include multiple majors.

Level - Degree Type - Major - CIP				AY 2013-2014	AY 2014-2015	AY 2015-2016	AY 2016-2017	AY 2017-2018
Graduate	Masters	Biology for Teacher Leaders, MAE (#0442)	131205	0	0	0	1	0
		Biology, MS (#056)	260101	16	21	10	14	12
Undergraduate	Baccalaureate	Biology (minor required), BS (#617)	260101	90	88	88	94	111
		Biology, BS (#525)	260101	28	28	30	15	15
		Investigative Biotechnology, BS (#714)~	261201	1	0	0	0	0
		Medical Laboratory Science, BS (#5004)	511005	0	0	0	0	2
		Medical Technology, BS (#582)~	511005	3	2	3	1	0
		Recombinant Genetics, BS (#764)~	260802	1	0	0	0	0
All				139	139	131	125	140

Level - Degree Type - Minor			AY 2013-2014	AY 2014-2015	AY 2015-2016	AY 2016-2017	AY 2017-2018
Graduate	Non Degree	Biology, Minor (#003)	1	0	0	0	0
Undergraduate	Non Degree	Biology, Minor (#326)	16	16	10	23	18
All			17	16	10	23	18

## Departmental SChP by Academic Year

In-Department student credit hours generated by majors, minors, and certificates.

Level - Major - CIP			Provided Credit Hours				
			AY 2013-2014	AY 2014-2015	AY 2015-2016	AY 2016-2017	AY 2017-2018
Graduate	Biology for Teacher Leaders, MAE (#0442)	131205	6	3	15	3	6
	Biology, CER (#0493)	260101	0.0	0.0	0.0	0.0	3
	Biology, MS (#056)	260101	515	430	320	369	399
Undergraduate	Biology (minor required), BS (#617)	260101	4,734	5,194	4,618	4,874	4,938
	Biology, BS (#525)	260101	1,777	1,627	1,262	978	957
	Biology, Minor (#326)		416	382	378	422	343
	Medical Laboratory Science, BS (#5004)	511005	0.0	0.0	0.0	158	237
	Medical Technology, BS (#582)~	511005	220	206	207	46	0.0
All			7,668	7,842	6,800	6,850	6,883

## First Year Persistence by Fall Cohort

Fall-to-fall Persistence of the first time students entering with a declared major in the program. Persistence includes enrollment or graduation after one year.

Level - Degree - Major - CIP				Fall 2013		Fall 2014		Fall 2015		Fall 2016		Fall 2017	
				# in Cohort	% Persisted	# in Cohort	% Persisted	# in Cohort	% Persisted	# in Cohort	% Persisted	# in Cohort	% Persisted
Graduate	Masters	Biology for Teacher Leaders, MAE (#0442)	131205	0	0	0	0	0	0	1	100.0%	0	0
		Biology, MS (#056)	260101	7	85.7%	10	100.0%	8	75.0%	10	80.0%	10	90.0%
	Level Subtotal				7	85.7%	10	100.0%	8	75.0%	11	81.8%	10
Undergraduate	Baccalaureate	Biology (minor required), BS (#617)	260101	177	76.3%	192	83.9%	197	73.1%	151	78.8%	191	73.3%
		Biology, BS (#525)	260101	24	66.7%	18	77.8%	30	83.3%	13	69.2%	21	66.7%
		Investigative Biotechnology, BS (#714)~	261201	2	50.0%	0	0	0	0	0	0	0	0
		Medical Laboratory Science, BS (#5004)	511005	0	0	0	0	0	0	0	0	10	50.0%
		Medical Technology, BS (#582)~	511005	7	71.4%	6	50.0%	5	60.0%	7	71.4%	0	0
	Level Subtotal				210	74.8%	216	82.4%	232	74.1%	171	77.8%	222

## Progression Numbers by Academic Year

The number of undergraduate students progressing to the next classification or graduating during the academic year.

Level - Degree - Major - CIP				Academic Year							
				2014/15		2015/16		2016/17		2017/18	
				#	% Progressed	#	% Progressed	#	% Progressed	#	% Progressed
Undergraduate	Baccalaureate	Biology (minor required), BS (#617)	260101	420	66.4%	429	63.2%	402	69.9%	414	66.4%
		Biology, BS (#525)	260101	116	62.1%	99	60.6%	83	61.4%	74	52.7%
		Medical Laboratory Science, BS (#5004)	511005	0	0	0	0	7	71.4%	13	38.5%
		Medical Technology, BS (#582)~	511005	21	47.6%	25	44.0%	17	17.6%	0	0

## 150% Graduation Rates by Fall Cohort

Percentage of degree-seeking students graduating within 150% of normal time.

150% graduation time varies by degree type - Associates: 3 years; Bachelors: 6 years; Masters/Specialist: 3 years; Doctoral: 4 years.

Graduation Rates are calculated through the most recent cohort with a graduating term of Summer 2018.

Level - Degree - Major - CIP				AY 2013-2014		AY 2014-2015		AY 2015-2016		AY 2016-2017		AY 2017-2018	
				#	%	#	%	#	%	#	%	#	%
Undergraduate	Baccalaureate	Biology (minor required), BS (#617)	260101	164	60.4%	142	52.1%	155	53.5%	150	61.3%	176	60.8%
		Biology, BS (#525)	260101	26	46.2%	31	48.4%	31	48.4%	25	52.0%	23	65.2%
		Investigative Biotechnology, BS (#714)~	261201	1	0.0%	5	60.0%	1	0.0%	3	33.3%	2	0.0%
		Medical Technology, BS (#582)~	511005	7	42.9%	11	54.5%	9	33.3%	4	25.0%	7	14.3%
All				198	57.6%	189	51.9%	196	51.5%	182	58.8%	208	59.1%

Level - Degree - Major - CIP				AY 2013-2014		AY 2014-2015		AY 2015-2016		AY 2016-2017		AY 2017-2018	
				#	%	#	%	#	%	#	%	#	%
Graduate	Masters	Biology for Teacher Leaders, MAE (#0442)	131205	0	0	0	0	0	0	0	0	1	100.0%
		Biology, MS (#056)	260101	13	61.5%	7	71.4%	10	100.0%	8	75.0%	10	70.0%
All				13	61.5%	7	71.4%	10	100.0%	8	75.0%	11	72.7%

## Average Years To Graduate by Program

Average years to graduate (i.e., degree term less first term at WKU at the same level).

Department	Major	CIP	AY 2013-2014	AY 2014-2015	AY 2015-2016	AY 2016-2017	AY 2017-2018
BIOL	Biology, Minor (#003)		4.33 (N=1)				
	Biology for Teacher Leaders, MAE (#0442)	131205				2.00 (N=1)	
	Biology, MS (#056)	260101	1.93 (N=14)	2.31 (N=15)	2.88 (N=8)	2.69 (N=13)	2.67 (N=12)
	Biology, Minor (#326)		4.13 (N=16)	3.71 (N=15)	4.10 (N=10)	3.41 (N=22)	4.06 (N=18)
	Medical Laboratory Science, BS (#5004)	511005					4.00 (N=2)
	Biology, BS (#525)	260101	4.63 (N=28)	4.63 (N=26)	4.29 (N=29)	4.10 (N=14)	4.67 (N=15)
	Medical Technology, BS (#582)~	511005	4.22 (N=3)	4.00 (N=2)	5.00 (N=3)	4.67 (N=1)	
	Biology (minor required), BS (#617)	260101	4.45 (N=87)	3.83 (N=86)	4.11 (N=88)	4.23 (N=94)	3.87 (N=109)
	Investigative Biotechnology, BS (#714)~	261201	4.00 (N=1)				
	Recombinant Genetics, BS (#764)~	260802	11.33 (N=1)				

## Delivery Cost

Total Department SCHP includes all SCHP taught in courses owned by the Department, including those taught by part-time faculty and full-time faculty outside the department. Data excludes ensemble performance, independent study, maintaining matriculation, co-op ed, dual credit, on-demand, research, and student teaching course sections.

Department	# Tenure Track Faculty (A)	Tenure Track Mean Salary (B)	# Non-Tenure Track Faculty (C)	Non-Tenure Track Mean Salary (D)	Total Department SCHP (E)	Cost Per SCHP $\left(\frac{[A*B] + [C*D]}{E}\right)$
BIOL	23	\$64,978	5	\$43,392	20,214	\$85

## Faculty Efficiency and Class Size

Excludes ensemble performance, independent study, maintaining matriculation, co-op ed, dual credit, on-demand, research, and student teaching course sections.

Departmental Efficiency Data:		AY 2013-2014	AY 2014-2015	AY 2015-2016	AY 2016-2017	AY 2017-2018
SCHP per Full-Time Faculty		559	583	554	618	639
% SCHP Taught by Full-time Faculty		85.9%	92.8%	84.5%	91.4%	91.7%
Upper Div Median Class Size		17	17	18	17	16
% Upper Div Sections with < 15 Enrolled		37.1%	44.1%	33.3%	43.6%	41.0%
Graduate Median Class Size		5	5	3	6	6
% Graduate Sections with < 10 Enrolled		84.2%	73.7%	94.7%	75.0%	82.4%