

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

Institution:
Western Kentucky University (00200200)
College:
Ogden College of Science and Engineering
WKU Department Code:
PHYA
Data as of:
30OCT18
Prepared by:
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	Homeland Security Sciences, MS (#0413)	300101	9	7	9	8	7
Undergraduate	Baccalaureate	Physics, BS (#754)	400801	45	39	32	28	30
All				54	46	41	36	37

Level - Degree Type - Minor			Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Undergraduate	Non Degree	Astronomy, Minor (#318)	14	16	9	10	9
		Biophysics, Minor (#329)	36	37	42	58	63
		Physics, Minor (#435)	5	3	3	5	3
All			55	56	54	73	75

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	Homeland Security Sciences, MS (#0413)	300101	5	2	2	2	3
Undergraduate	Baccalaureate	Physics, BS (#754)	400801	6	7	6	4	4
All				11	9	8	6	7

Level - Degree Type - Minor			AY 2013-2014	AY 2014-2015	AY 2015-2016	AY 2016-2017	AY 2017-2018
Undergraduate	Non Degree	Astronomy, Minor (#318)	0	2	1	0	0
		Biophysics, Minor (#329)	18	16	7	20	28
		Physics, Minor (#435)	1	0	0	0	1
All			19	18	8	20	29

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	Homeland Security Sciences, MS (#0413)	300101	91	57	89	73	73
Undergraduate	Astronomy, Minor (#318)		111	102	41	62	53
	Biophysics, Minor (#329)		137	153	121	204	206
	Physics, BS (#754)	400801	364	328	242	217	272
	Physics, Minor (#435)		19	19	6	17	10
All			721	659	499	573	614

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	Homeland Security Sciences, MS (#0413)	300101	6	83.3%	1	100.0%	1	100.0%	1	100.0%	1	100.0%
	Level Subtotal			6	83.3%	1	100.0%	1	100.0%	1	100.0%	1	100.0%
Undergraduate	Baccalaureate	Physics, BS (#754)	400801	10	70.0%	9	100.0%	4	75.0%	8	75.0%	7	57.1%
	Level Subtotal			10	70.0%	9	100.0%	4	75.0%	8	75.0%	7	57.1%

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	Physics, BS (#754)	400801	26	61.5%	25	52.0%	21	71.4%	22	45.5%

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	Physics, BS (#754)	400801	10	60.0%	14	50.0%	13	53.8%	7	28.6%	10	40.0%
All				10	60.0%	14	50.0%	13	53.8%	7	28.6%	10	40.0%

Level - Degree - Major - CIP				AY 2013-2014		AY 2014-2015		AY 2015-2016		AY 2016-2017		AY 2017-2018	
				#	%	#	%	#	%	#	%	#	%
Graduate	Masters	Homeland Security Sciences, MS (#0413)	300101	1	100.0%	6	83.3%	1	100.0%	1	100.0%	1	100.0%
All				1	100.0%	6	83.3%	1	100.0%	1	100.0%	1	100.0%

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
PHYA	Homeland Security Sciences, MS (#0413)	300101	1.67 (N=5)	2.51 (N=2)	2.01 (N=2)	4.17 (N=2)	3.00 (N=3)
	Astronomy, Minor (#318)			3.67 (N=1)	4.67 (N=1)		
	Biophysics, Minor (#329)		3.56 (N=18)	4.17 (N=16)	5.00 (N=7)	3.62 (N=20)	3.67 (N=27)
	Physics, Minor (#435)		4.67 (N=1)				4.67 (N=1)
	Physics, BS (#754)	400801	4.28 (N=6)	4.72 (N=6)	3.67 (N=6)	3.67 (N=4)	5.00 (N=4)

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 $\left(\frac{[A*B] + [C*D]}{E}\right)$
PHYA	11	\$94,632	4	\$40,377	6,479	\$186

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		410	361	375	368	372
% SCHP Taught by Full-time Faculty		91.8%	87.6%	87.7%	88.3%	92.0%
Upper Div Median Class Size		7	7	7	5	7
% Upper Div Sections with < 15 Enrolled		85.7%	83.3%	82.6%	76.0%	79.2%
Graduate Median Class Size		4	2	5	2	3
% Graduate Sections with < 10 Enrolled		100.0%	100.0%	100.0%	100.0%	100.0%