

**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:
CHEM
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	Chemistry, MS (#059)	400501	30	26	30	29	23
Undergraduate	Baccalaureate	Chemistry, BS (#623)	400501	194	194	167	164	148
All				224	220	197	193	171

Level - Degree Type - Minor			Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Undergraduate	Non Degree	Chemistry, Minor (#335)	140	138	136	143	134
		Nutritional And Food Chemistry, Minor (#421)	5	3	3	2	1
All			145	141	139	145	135

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	Chemistry, MS (#059)	400501	22	12	10	17	9
Undergraduate	Baccalaureate	Chemistry, BS (#623)	400501	52	47	29	39	47
All				74	59	39	56	56

Level - Degree Type - Minor			AY 2013-2014	AY 2014-2015	AY 2015-2016	AY 2016-2017	AY 2017-2018
Undergraduate	Non Degree	Chemistry, Minor (#335)	35	33	34	39	37
		Coal Chemistry, Minor (#340)~	0	1	0	0	0
		Nutritional And Food Chemistry, Minor (#421)	2	2	1	1	0
All			37	36	35	40	37

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	Chemistry, MS (#059)	400501	503	403	382	407	343
Undergraduate	Chemistry, BS (#623)	400501	1,621	1,461	1,449	1,427	1,270
	Chemistry, Minor (#335)		916	840	977	948	869
	Nutritional And Food Chemistry, Minor (#421)	900000	33	0.0	21	0.0	8
All			3,073	2,704	2,829	2,782	2,489

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	Chemistry, MS (#059)	400501	10	90.0%	12	100.0%	8	87.5%	4	75.0%	9	88.9%
	Level Subtotal			10	90.0%	12	100.0%	8	87.5%	4	75.0%	9	88.9%
Undergraduate	Baccalaureate	Chemistry, BS (#623)	400501	48	75.0%	30	70.0%	46	80.4%	37	78.4%	31	83.9%
	Level Subtotal			48	75.0%	30	70.0%	46	80.4%	37	78.4%	31	83.9%

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	Chemistry, BS (#623)	400501	137	70.1%	134	63.4%	124	79.8%	112	73.2%

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	Chemistry, BS (#623)	400501	56	60.7%	60	53.3%	54	64.8%	52	69.2%	47	63.8%
All				56	60.7%	60	53.3%	54	64.8%	52	69.2%	47	63.8%

Level - Degree - Major - CIP				AY 2013-2014		AY 2014-2015		AY 2015-2016		AY 2016-2017		AY 2017-2018	
				#	%	#	%	#	%	#	%	#	%
Graduate	Masters	Chemistry, MS (#059)	400501	13	69.2%	10	90.0%	12	91.7%	8	87.5%	4	50.0%
All				13	69.2%	10	90.0%	12	91.7%	8	87.5%	4	50.0%

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
CHEM	Chemistry, MS (#059)	400501	1.85 (N=15)	1.70 (N=12)	1.84 (N=8)	1.67 (N=13)	1.91 (N=7)
	Chemistry, Minor (#335)		4.46 (N=33)	3.80 (N=33)	3.94 (N=34)	4.15 (N=39)	3.66 (N=36)
	Coal Chemistry, Minor (#340)~			4.67 (N=1)			
	Nutritional And Food Chemistry, Minor (#421)	900000	4.83 (N=2)	4.84 (N=2)	3.33 (N=1)	3.67 (N=1)	
	Chemistry, BS (#623)	400501	4.05 (N=52)	4.15 (N=44)	4.15 (N=29)	4.12 (N=39)	3.80 (N=47)

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 $\left(\frac{[A*B] + [C*D]}{E}\right)$
CHEM	15	\$66,161	4	\$52,929	11,965	\$101

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	495	548	578	618	518
% SCHP Taught by Full-time Faculty	96.4%	98.0%	95.4%	92.9%	86.7%
Upper Div Median Class Size	20	16	13	18	15
% Upper Div Sections with < 15 Enrolled	42.0%	47.9%	56.8%	40.4%	42.2%
Graduate Median Class Size	7	4	6	6	4
% Graduate Sections with < 10 Enrolled	73.3%	85.7%	76.9%	60.0%	87.5%