



Program Review Data Summary

Subject: **Biotechnology**

Resource Utilization Indicators

	Number of Faculty		Student Credit Hours by Faculty Type		
	Full Time	Part Time	Full Time	Part Time	Total
2017	1	1	117	45	162
2018	1	1	112	35	147
2019		1		37	37

Notes:

Faculty type determined using cost center (org #). Some subjects may have more than one org #.

A full-time faculty member teaching a subject NOT tied to his or her home cost center is counted as part-time for that subject.

Total Student Credit Hours (SCH) are divided by the number of faculty teaching the class. E.g., for a class generating 30 SCH with 3 full-time faculty, then 10 SCH go to each faculty member.

Quality Indicators

Year	Subject	Subject Prefix	Headcount (unduplicated)	seats filled	#sections	Average Class Size	% Student Completion	% Student Success	% Student Attrition	Student Credit Hours
2017	Biotechnology	BIOT	36	62	9	6.9	82	72	17	162
2018	Biotechnology	BIOT	32	56	9	6.2	91	76	8	147
2019	Biotechnology	BIOT	11	17	5	3.4	64	64	35	37

Notes:

Attrition rate: number of students with a W grade divided by total enrolled (unduplicated headcount)

Success rate: number of students with grades A, B, C, or P divided by total enrolled (unduplicated headcount)

Completion rate: number of students with grades A, B, C, D, F, or P divided by total enrolled (unduplicated headcount)

Quality Indicators - Expenses & Revenue

Year	Subject	Direct Tuition Revenue	Direct Expenses	Direct Cost Per CrHr	Total Revenue	Total Expenses	Total Cost Per CrHr
2016	Biotechnology	\$20,200.11	\$118,394.21	\$497.45	\$101,120.53	\$251,727.78	\$1,057.68
2017	Biotechnology	\$13,007.48	\$137,842.29	\$872.42	\$70,338.35	\$218,629.86	\$1,383.73
2018	Biotechnology	\$11,035.40	\$140,908.06	\$958.56	\$82,471.62	\$212,275.38	\$1,444.05

Notes:

CrHr: Credit Hour

Direct: Includes department expenses/revenues as well as percentage of direct administrative expenditures.

Indirect: Includes a percentage of expenses and revenues associated with all other areas of campus that provide support to your program.

Total: Includes both direct and indirect

Source Activity Based Cost (ABC) model updated Spring 2018.



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Quality Indicators - Program Outcomes

% Placement Rate for Graduates

employed	2015-2016	2016-2017	2017-2018
Biotechnology (2110 assoc)	67	75	
Biotechnology (2130 assoc)	50	50	50
Biotechnology (6150 cert)	50	100	

of Graduates Transferring

transfers	2015-2016	2016-2017	2017-2018
Biotechnology (2110 assoc)	0	0	0
Biotechnology (2130 assoc)	2	1	2
Biotechnology (6150 cert)	0	0	

Quality Indicators - Expenses & Revenue

of Graduates

graduates	2017	2018	2019	Total
Biotechnology (2110 assoc)	4	1	2	7
Biotechnology (2130 assoc)	3	4	4	11
Biotechnology (6150 cert)	2			2