

JCCC Program Review Summary 2021

Subject: **Biotechnology**

Resource Utilization Indicators

	Number of Faculty	Student Credit Hours by Faculty Type	
	Part Time	Part Time	Total
2019	1	37	37
2020	1	5	5

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 - Enrollment

Year	Subject	Subject Prefix	Headcount (unduplicated)	seats filled	#sections	Average Class Size	% Student Completion	% Student Success	% Student Attrition	Student Credit Hours
2019	Biotechnology	BIOT	11	17	5	3.4	64	64	35	37
2020	Biotechnology	BIOT	1	1	1	1.0	100	100	0	5

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
2018	Biotechnology	\$11,035.40	\$140,931.49	\$958.72	\$82,302.26	\$255,883.87	\$1,740.71
2019	Biotechnology	\$2,595.41	\$22,682.89	\$687.36	\$28,643.10	\$89,714.29	\$2,718.61
2020	Biotechnology	\$360.08	\$10,918.01	\$2,183.60	\$37,336.06	\$73,778.83	\$14,755.77

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 Fall 2020.

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Quality Indicators - Program Outcomes

% Placement Rate for Graduates

Employed	2017-2018	2018-2019	2019-2020
Biotechnology (2110 assoc)		0%	
Biotechnology (2130 assoc)	50%	100%	100%
Biotechnology (6150 cert)			

Notes:

Source: JCCC Follow-Up Survey

Placement rate calculation: Total employed in a related field divided by the total who responded to the JCCC Follow-up Survey.

of Graduates Transferring

Transfers	2017-2018	2018-2019	2019-2020
Biotechnology (2110 assoc)	0	0	
Biotechnology (2130 assoc)	2	3	0
Biotechnology (6150 cert)			

of Graduates

Graduates	2018-2019	2019-2020	2020-2021	Total
Biotechnology (2110 assoc)	2			2
Biotechnology (2130 assoc)	4	1		5
Biotechnology (6150 cert)			1	1