

JCCC Program Review Summary 2021

Subject: **Data Science**

Resource Utilization Indicators

	Number of Faculty		Student Credit Hours by Faculty Type		
	Part Time	Full Time	Part Time	Full Time	Total
2019	3	2	234	183	417
2020	3	2	261	234	495
2021	3	1	285	183	468

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	Data Science	DS	62	139	10	13.9	93	84	6	417
2020	Data Science	DS	78	165	11	15.0	92	86	7	495
2021	Data Science	DS	81	156	10	15.6	95	83	4	468

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	Data Science	\$29,906.44	\$103,129.77	\$293.82	\$127,716.76	\$175,111.06	\$498.89
2019	Data Science	\$45,192.55	\$115,537.98	\$246.88	\$175,261.28	\$196,291.63	\$419.43
2020	Data Science	\$39,723.54	\$116,434.90	\$262.24	\$187,720.62	\$198,044.18	\$446.05

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 Fall 2020.

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Quality Indicators - Program Outcomes

% Placement Rate for Graduates

Employed	2017-2018	2018-2019	2019-2020
Data Analytics (5460 cert)		0%	20%

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
Data Analytics (5460 cert)		2	2

of Graduates

Graduates	2018-2019	2019-2020	2020-2021	Total
Data Analytics (5460 cert)	6	7	10	23