



# Program Review Data Summary

**Subject: Biotechnology**

## Resource Utilization Indicators

|      | Number of Faculty |           | Student Credit Hours by Faculty Type |           |            |
|------|-------------------|-----------|--------------------------------------|-----------|------------|
|      | Part Time         | Full Time | Part Time                            | Full Time | Total      |
| 2016 | 3                 | 1         | 79                                   | 170       | <b>249</b> |
| 2017 | 1                 | 1         | 45                                   | 117       | <b>162</b> |
| 2018 | 1                 | 1         | 35                                   | 112       | <b>147</b> |

**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 |
|------|---------------|----------------|--------------------------|--------------|-----------|--------------------|----------------------|-------------------|---------------------|----------------------|
| 2016 | Biotechnology | BIOT           | 48                       | 86           | 13        | 6.6                | 87                   | 68                | 12                  | <b>249</b>           |
| 2017 | Biotechnology | BIOT           | 36                       | 62           | 9         | 6.9                | 82                   | 72                | 17                  | <b>162</b>           |
| 2018 | Biotechnology | BIOT           | 32                       | 56           | 9         | 6.2                | 91                   | 76                | 8                   | <b>147</b>           |

**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                   | 2014-2015 | 2015-2016 | 2016-2017 |
|----------------------------|-----------|-----------|-----------|
| Biotechnology (2110 assoc) | 100       | 67        | 75        |
| Biotechnology (2130 assoc) | 25        | 50        | 50        |
| Biotechnology (6150 cert)  | 20        | 50        | 100       |

### # of Graduates Transferring

| transfers                  | 2014-2015 | 2015-2016 | 2016-2017 |
|----------------------------|-----------|-----------|-----------|
| Biotechnology (2110 assoc) |           |           | 0         |
| Biotechnology (2130 assoc) | 3         | 2         | 1         |
| Biotechnology (6150 cert)  |           |           | 0         |

## Quality Indicators - Expenses & Revenue

### # of Graduates

| graduates                  | 2016 | 2017 | 2018 | total |
|----------------------------|------|------|------|-------|
| Biotechnology (2110 assoc) | 5    | 4    | 1    | 10    |
| Biotechnology (2130 assoc) | 3    | 3    | 4    | 10    |
| Biotechnology (6150 cert)  | 2    | 2    |      | 4     |