Analysis of corequisite statistics students' grades in follow-on science courses
Conducted by Dr. Helen Burn with the assistance of Patty Von Behren

| This analysis includes a single section of MathP 146 students ( $n=30$ ) from fall term 2019.0verall 21 students ( $70 \%$ ) subsequently enrolled in a science or psychology course in either winter, spring, or summer 2020. The students collectively took 50 courses, the most popular being Chem 121 and Bio 160. |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Course | Number of students | Withdrawals | Percent <br> Pass | GPA |  |  |  |
|  |  |  |  | Mean (SD) | Median | Minimum | Maximum |
| Chem 121 | 15 | 2 | 87\% | 3.2 (1.10) | 3.7 | 0.9 | 3.8 |
| Bio 160 | 10 | 1 | 90\% | 3.65 (.78) | 4 | 2.2 | 4 |
| Bio 241 | 4 | 0 | 100\% | 3.7 (.34) | 4 | 3.2 | 4 |
| Psych 100 | 4 | 0 | 100\% | 3.5 (1.00) | 4 | 2 | 4 |
| Bio 260 | 3 | 0 | 100\% | 3.0 (1.05) | 3 | 1.9 | 4 |
| Bio 242 | 2 | 0 | 100\% | 3.6 (.56) | 3.6 | 3.2 | 4 |
| Env Sci 101 | 2 | 0 | 100\% | 3.9 (.14) | 3.9 | 3.8 | 4 |
| Bio 120 | 1 | 0 | 100\% | 3.4 |  |  |  |
| Bio 240 | 1 | 0 | 100\% | 2 |  |  |  |
| Chem 100 | 1 | 0 | 100\% | 3.2 |  |  |  |
| Chem 131 | 1 | 0 | 100\% | 3.3 |  |  |  |
| Csci 100 | 1 | 0 | 100\% | 1.8 |  |  |  |
| Env Sci 103 | 1 | 0 | 100\% | 4 |  |  |  |
| Geo 103 | 1 | 0 | 100\% | 3.4 |  |  |  |
| Geo 107 | 1 | 0 | 100\% | 1.7 |  |  |  |
| Ocean 101 | 1 | 0 | 100\% | 1.2 |  |  |  |
| Psych 200 | 1 | 0 | 100\% | 4 |  |  |  |

17/30 (57\%) took a
science class the
immediate next term
21/30 (70\%) took
science since

Avg number taken: 1.7
Standard deviation: 1.77
Median number 1
taken

