Table 1. Class offerings – Sarah Wyatt

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| Course Number | Name | Outcomes (from the syllabus) |  |
| PBIO 1140 | Foundations in Plant Biology | Students will be able to: 1. Demonstrate the use of key scientific principles by describing the process of science and how it is used to gain knowledge to develop better products for human use.
2. Perform an experiment to test a hypothesis including the collection and analysis and presentation of data.
3. Identify the terms and critical features of the plant cell, photosynthesis, respiration, plant growth and reproduction, genetics, molecular biology, and evolution.
4. Identify the organs/ tissues/cells/organelles involved in cellular respiration, photosynthesis, plant reproduction and growth, and gene/protein expression.
5. Compare and contrast the reactions of photosynthesis and respiration and describe their roles and how they interact to provide the energy of life.
6. Solve basic genetics problems and describe how genetics impacts our ability to breed plants for human use.
7. Describe the structure and function of DNA/RNA/proteins and how these are used both by the plant for normal function and by humans in biotechnology.
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| Avg. enrollment | Major/non-major | Upper/lower UG/ grad | GenEd Classification |  |
| 60 | M/NM | Lower division undergrad | T2 NS |  |

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| Course Number | Name | Outcomes (from the syllabus) |  |
| PBIO 4180J | Writing for the Science Researcher | Students will be able to: 1. Break writing assignments down into a series of tasks including finding, evaluating, analyzing, and synthesizing material from primary and secondary sources2. Integrate their own ideas with those of others from a variety of sources 3. Review, critique and edit their own and others' works4. Use knowledge of genre conventions ranging from structure and paragraphing to tone and mechanics to tailor writings for different audiences ranging from the scientific community to the general public.5. Use multiple drafts and revisions to create and complete a successful text. |  |
| Avg. enrollment | Major/non-major | Upper/lower UG/ grad | GenEd Classification |  |
| 12 | Major | Upper undergraduate | J course – advanced writing |  |

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| Course Number | Name | Outcomes (from the syllabus) |  |
| PBIO 5180 | Writing in the Life Sciences | Students will be able to: 1. Break writing assignments down into a series of tasks including finding, evaluating, analyzing, and synthesizing material from primary and secondary sources2. Integrate their own ideas with those of others from a variety of sources3. Review, critique and edit their own and others' works4. Use knowledge of genre conventions ranging from structure and paragraphing to tone and mechanics to tailor writings for different audiences ranging from the scientific community to the general public5. Use multiple drafts and revisions to create and complete a successful text. |  |
| Avg. enrollment | Major/non-major | Upper/lower UG/ grad | GenEd Classification |  |
| 12 | N/A | Graduate | N/A |  |

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| Course Number | Name | Outcomes (from the syllabus) |  |
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| Avg. enrollment | Major/non-major | Upper/lower UG/ grad | GenEd Classification |  |
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