

Course Competencies Template – Form 112

| GENERAL INFORMATION | |
|---|--|
| Course Prefix/Number: BSC-2943L | Course Title: Bioscience Internship |
| Number of Credits: 3 | |
| Degree Type | <input type="checkbox"/> B.A. <input type="checkbox"/> B.S. <input type="checkbox"/> B.A.S <input type="checkbox"/> A.A. <input checked="" type="checkbox"/> A.S. <input type="checkbox"/> A.A.S. <input type="checkbox"/> C.C.C. <input checked="" type="checkbox"/> A.T.C. <input type="checkbox"/> V.C.C |
| Date Submitted: | Effective Year/Term: |
| <input checked="" type="checkbox"/> New Course Competency <input type="checkbox"/> Revised Course Competency | |
| Course Description (limit to 50 words or less): The internship will provide students with hands-on work experience in Bioscience or related industries. The experience readies the individual for their first position in field along with continued attention to and application of skills required to gain employment. | |
| Prerequisite(s): Completion of at least 8 credit hrs from Biotechnology, Bioinformatics or Chemical Technology track-specific course sequence | Corequisite(s): None |

Course Competencies: (for further instruction/guidelines go to: <http://www.mdc.edu/asa/curriculum.asp>)

Competency 1: Upon successful completion of this course, the student will demonstrate knowledge of a bioscience workplace by:

1. Summarizing the organization’s purpose and goals.
2. Describing the organizational structure including the purpose of individual departments within the bioscience workplace.
3. Defining the role of your employee mentor within the organization.

Competency 2: Upon successful completion of this course, the student will demonstrate knowledge of legislative regulations in a bioscience workplace by:

1. Defining the safety regulations of the organization.
2. Describing how Occupational Safety and Health Administration worker safety regulations are addressed within the organization.
3. Describing measures employed by the organization to address governmental regulations.
4. Summarizing topics related to regulatory issues that influence the operation of the organization.

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Approved By Academic Dean Date: _____

Reviewed By Director of Academic Programs Date: _____

Competency 3: Upon successful completion of this course, students will demonstrate knowledge of data collection and manipulation in a bioscience workplace by:

1. Describing the purpose and practice of labeling, documentation, and housekeeping within the organization.
2. Demonstrating procedures used to record and analyze data within the organization.
3. Using tools and instruments employed for data collection and manipulation within the organization.
4. Describing the computer systems and applications used to store and analyze data within the organization.
5. Summarizing measures used to ensure consistency, accuracy and validation of data collected within the organization.

Competency 4: Upon successful completion of this course, the student will demonstrate knowledge of the specific skills-sets employed in a bioscience workplace by:

1. Listing common techniques or skill-sets used within the organization.
2. Demonstrating basic protocols and applications performed while working in the organization.
3. Summarizing the purpose of standardized protocols and how they relate to the organization's goals.
4. Analyzing the issues of personal or environmental protection and its importance within the organization.

Competency 5: Upon successful completion of this course, students will demonstrate knowledge of workplace professionalism by:

1. Listing traits of bioscience workplace professionals.
2. Identifying skills necessary for effective work within the organization.
3. Summarizing the importance of written and verbal communications skills within the organization.

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