

**Program X – Web Plan Template Example**

Department X – College of X

Program Coordinator: COORDINATOR'S NAME

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## Mission Statement

The mission of the Department of X undergraduate degree program is to provide high quality instructional and research experiences in XXXXX and YYYYYY to pre-professional life science students and students seeking entry level positions in the life science and/or health industry.

## Student Learning Outcomes

**Department of X graduates will demonstrate a strong fundamental knowledge and skills in the fields of XXXXX and YYYYYY...**

### Student Performance Indicators

- Students in upper division X laboratory courses will demonstrate understanding and knowledge of fundamental laboratory research protocols and research design in written reports.
- Students in upper division X laboratory courses will demonstrate understanding and knowledge of fundamental laboratory research protocols and research design by conducting laboratory exercises and experiments.
- Students preparing to graduate will demonstrate their knowledge of XXXXX and YYYYYY during structured exit interviews with faculty.
- Students preparing to graduate will report available graduate program admission scores during structured exit interview with faculty.

### Assessment Method

- The faculty will assess student understanding of fundamental research protocols for laboratory research. Faculty will use a rubric to review samples of student laboratory reports from two (2) upper division laboratory courses.
- The faculty will assess student use of proper protocol for designing and conducting laboratory research. Faculty will use a rubric to review data compiled via lab performance checklists based upon student observations by instructors and lab assistants.
- The faculty will conduct a structured exit interview of all graduating X seniors.
- During a structure exit interview of students applying for graduation, faculty interviewers will ascertain students' scores from any MCAT, DAT, PCAT, and/or GRE exams they have taken.

**Department of X graduates will have a working knowledge of the common techniques and types of equipment used to perform routine procedures and scientific experimentation and research in both XXXXX and YYYYYY fields.**

### Student Performance Indicators

### Assessment Method

## Assessment Plan template for a fictitious academic program

- Upper division **X** students will demonstrate knowledge of methodology used to investigate the **XXXXX** and **YYYYY** of living organisms in laboratory exercises and experiments.
- Upper division **X** students will demonstrate practical application of methods, techniques, and use of common equipment **XXXXX** and **YYYYY** of living organisms in laboratory exercises and experiments.
- Upper division **X** students will design scientific research on living organisms in laboratory exercises and experiments.
- The faculty will assess student use of proper methodology for conducting laboratory research. Faculty will review data compiled via lab performance checklists based upon student observations by instructors and lab assistants.
- The faculty will assess student performance during scientific experimentation in practical application of methods, techniques, and use of common equipment using a standard rubric. Faculty will review data compiled via lab performance checklists based upon student observations by instructors and lab assistants.
- The faculty will assess student research design. Faculty will review a sample of written research design.

**Department of X graduates will be able to make clear, scientific presentations to both scientific and lay audiences.**

### **Student Performance Indicators**

- Upper division **X** students will prepare (write and submit) a senior thesis in senior capstone courses.
- Upper division **X** students will deliver 3 presentations (1 scientific and 2 lay) during their capstone seminar courses.

### **Assessment Method**

- A faculty committee will assess student theses in accordance with professional publication standards and the application of the scientific method.
- A faculty panel will assess student presentations according to a standard rubric.

## **Use of Results**

The assessment coordinator and other faculty members will coordinate data collection for the Assessment Plan and lead a faculty committee to analyze data accumulated by individual faculty at the course level and the data developed by faculty panels. Analysis of data from assessment activities will be organized into various forms for presentations to the entire faculty for their consideration. Assessment findings will be considered in terms of identifying the **X** strengths and weaknesses and used to make program modifications."

## **Implementation Plan**

The Assessment Coordinator will work with the department chair and faculty to coordinate assessment activities. The coordinator will identify the data collected, organize data in appropriate formats (database, spreadsheets, statistical software programs, etc.), make arrangements for data analysis, and work with the assessment committee to organize and develop reports for presentations to the faculty.