

2012-2013 Achievement Summary Profile

As of: 9/19/2013 01:01 PM EST

Chemistry, B.S.

Targets Without Findings

Measure 0: Evaluation of Laboratory Reports

Outcome/Objective 1: Demonstrate knowledge of chemical structure, mechanisms, reactivity, and energetics

Goals:

1: Understand fundamental and current developments

Target: 80% of students will score 80% or better

Measure 0: Evaluation of Laboratory Reports

Outcome/Objective 2: Apply theoretical and experimental principles to the study of chemical systems

Goals:

1: Understand fundamental and current developments

Target: 80% of students will score 80% or better

Measure 0: Evaluation of Laboratory Reports

Outcome/Objective 3: Plan experiments, follow experimental protocols, and interpret the significance and precision of experimental results

Goals:

2: Demonstrate technical and analytical skills critical to effective work in the laboratory

Target: 80% of students will score 80% or better

Measure 0: Evaluation of Laboratory Reports

Outcome/Objective 4: Demonstrate proper laboratory and chemical safety

Goals:

2: Demonstrate technical and analytical skills critical to effective work in the laboratory

3: Demonstrate the core curriculum competencies

Target: 80% of students will score 80% or better

Measure 0: Evaluation of Laboratory Reports

Outcome/Objective 5: Work both independently and cooperatively

Goals:

2: Demonstrate technical and analytical skills critical to effective work in the laboratory

3: Demonstrate the core curriculum competencies

Target: 80% of students will score 80% or better

Measure 0: Evaluation of Laboratory Reports

Outcome/Objective 6: Communicate scientific knowledge effectively

Goals:

3: Demonstrate the core curriculum competencies

Target: 80% of students will score 80% or better

Measure 0: Evaluation of Laboratory Reports

Outcome/Objective 7: Search appropriate databases effectively, evaluate information sources, and cite sources appropriately

Goals:

3: Demonstrate the core curriculum competencies

5: Address issues of ethical behavior in science

Target: 80% of students will score 80% or better

Measure 0: Evaluation of Laboratory Reports

Outcome/Objective 8: Identify ethical consideration

Goals:

5: Address issues of ethical behavior in science

Target: 80% of students will score 80% or better

Measure 1: Selected Exam Questions

Outcome/Objective 1: Demonstrate knowledge of chemical structure, mechanisms, reactivity, and energetics

Goals:

1: Understand fundamental and current developments

Target: Average success rate on structure, reactions, and mechanisms questions should be an average of 70%

Measure 1: Selected Exam Questions

Outcome/Objective 2: Apply theoretical and experimental principles to the study of chemical systems

Goals:

1: Understand fundamental and current developments

Target: 80% of the students will score 70% or better

Measure 1: Selected Exam Questions

Outcome/Objective 8: Identify ethical consideration

Goals:

5: Address issues of ethical behavior in science

Target: 80% of the students will score 70% or better

Measure 2: Analytical Chemistry Laboratory

Outcome/Objective 3: Plan experiments, follow experimental protocols, and interpret the significance and precision of experimental results

Goals:

2: Demonstrate technical and analytical skills critical to effective work in the laboratory

Target: 80% of students receive passing grades on their lab assignments with 60% or better.

Measure 3: Business Proposal

Outcome/Objective 9: Apply scientific thought, reasoning, and knowledge to concepts and viewpoints of world issues

Goals:

6: Demonstrate the ability to participate in society as a scientifically literate citizen

Target: 80% of students will score 80% or better

Chemistry, M.S.

Targets Without Findings

Measure 1: Selected Exam Questions

Outcome/Objective 1: Demonstrate knowledge of chemical structure, mechanisms, reactivity and energetics.

Goals:

1: Demonstrate an advanced understanding of the chemical principles

Target: Entire class (100%) expected to achieve an Overall Ranking of Satisfactory or better for the course based on the assessment scale adopted below. Excellent, 95 – 100% (Score); Very Good, 90 – 95%; Good, 80 – 90%; Satisfactory, 70 – 80%; Unsatisfactory, below 70%.

Measure 1: Selected Exam Questions

Outcome/Objective 2: Apply principles to the study of chemical systems

Goals:

1: Demonstrate an advanced understanding of the chemical principles

Target: Entire class (100%) expected to achieve an Overall Ranking of Satisfactory or better for the course based on the assessment scale adopted below. Excellent, 95 – 100% (Score); Very Good, 90 – 95%; Good, 80 – 90%; Satisfactory, 70 – 80%; Unsatisfactory, below 70%.

Measure 3: Two Complete Exams

Outcome/Objective 1: Demonstrate knowledge of chemical structure, mechanisms, reactivity and energetics.

Goals:

1: Demonstrate an advanced understanding of the chemical principles

Target: Semester: Fall 2011 Course: CHE 111 Advanced Inorganic Chemistry Instructor: Dr. Alison Hyslop

Measure 4: Written Exam

Outcome/Objective 5: Interpret the significance of experimental results

Goals:

1: Demonstrate an advanced understanding of the chemical principles

2: Demonstrate ability to work in a lab independently

Target: Semester: Fall 2011 Course: CHE 111 Advanced Inorganic Chemistry Instructor: Dr. Alison Hyslop

Measure 5: Written Exam

Outcome/Objective 8: Communicate scientific knowledge effectively

Goals:

3: Demonstrate the ability to disseminate scientific knowledge

Target: Semester: Fall 2011 Course: CHE 111 Advanced Inorganic Chemistry Instructor: Dr. Alison Hyslop

Measure 6: Written Exam

Outcome/Objective 1: Demonstrate knowledge of chemical structure, mechanisms, reactivity and energetics.

Goals:

1: Demonstrate an advanced understanding of the chemical principles

Target: Semester: Fall 2011 Course: CHE 111 Advanced Inorganic Chemistry Instructor: Dr. Alison Hyslop

St. John's University

As of: 9/19/2013 01:04 PM EST

2012-2013 Data Entry Status Overview

This report shows Data Entry Status based on Draft/In-Progress vs. Final status determined by users. To get a more complete picture of remaining work, also run Audit reports for the sections of interest.

Status Overview for Academic Entities

	Final	In-Progress	None
Mission / Purpose	2 (100%)	0 (0%)	0 (0%)
Goal (if used)	2 (100%)	0 (0%)	0 (0%)
Outcome/Objective	2 (100%)	0 (0%)	0 (0%)
Measure	2 (100%)	0 (0%)	0 (0%)
Target	2 (100%)	0 (0%)	0 (0%)
Finding	0 (0%)	0 (0%)	2 (100%)
Action Plan	2 (100%)	0 (0%)	0 (0%)
Analysis Question	0 (0%)	0 (0%)	2 (100%)
Annual Report Section	0 (0%)	0 (0%)	2 (100%)