Chemistry, B.S.

**Targets Without Findings**

**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

**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

**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
3. Demonstrate the core curriculum competencies

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

**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

**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

**Outcome/Objective 6: Communicate scientific knowledge effectively**

**Goals:**
3. Demonstrate the core curriculum competencies

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

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

**Goals:**
3. Demonstrate the core curriculum competencies
<table>
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<th>Measure</th>
<th>Outcome/Objective</th>
<th>Goals</th>
<th>Target</th>
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<tr>
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<td>8: Identify ethical consideration</td>
<td>5: Address issues of ethical behavior in science</td>
<td>80% of students will score 80% or better</td>
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<tr>
<td>1</td>
<td>1: Demonstrate knowledge of chemical structure, mechanisms, reactivity, and energetics</td>
<td>1: Understand fundamental and current developments</td>
<td>Average success rate on structure, reactions, and mechanisms questions should be an average of 70%</td>
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<td>2: Apply theoretical and experimental principles to the study of chemical systems</td>
<td>1: Understand fundamental and current developments</td>
<td>80% of the students will score 70% or better</td>
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<td>3: Plan experiments, follow experimental protocols, and interpret the significance and precision of experimental results</td>
<td>2: Demonstrate technical and analytical skills critical to effective work in the laboratory</td>
<td>80% of students receive passing grades on their lab assignments with 60% or better</td>
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<td>9: Apply scientific thought, reasoning, and knowledge to concepts and viewpoints of world issues</td>
<td>6: Demonstrate the ability to participate in society as a scientifically literate citizen</td>
<td>80% of students will score 80% or better</td>
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**Targets Without Findings**

**Chemistry, M.S.**

**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%.
Outcomes/Objectives:

**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

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