

# IDEA Core Curriculum Student Learning Objectives Academic Year F05-S06

## Core Area Three - Natural Sciences (Course Prefix BIO, CHM, GEL, GEO, PHY) Rank Order

**SCALE: 1 - No apparent progress, 2 - Slight progress, 3 - Moderate progress, 4 - Substantial progress, 5 - Exceptional progress.**

Percentage of 4 and 5 Responses by Students	
1	Obj1 66%
2	Obj2 63%
3	Obj3 56%
4	Obj4 53%
5	Obj12 49%
6	Obj11 44%
7	Obj10 40%
8	Obj5 31%
9	Obj6 31%
10	Obj7 47%
11	Obj9 46%
12	Obj8 29%

**SCALE: 1 - Minor/No Importance, 2 - Important, 3 - Essential.**

Percentage of 2 and 3 Responses by Faculty	
1	Obj1 94%
2	Obj2 92%
3	Obj3 72%
4	Obj7 52%
5	Obj12 43%
6	Obj11 41%
7	Obj9 35%
8	Obj4 25%
9	Obj8 13%
10	Obj10 10%
11	Obj5 10%
12	Obj6 9%

Number of Intersections with THECB Objectives	
1	Obj1 2
2	Obj2 2
3	Obj3 2
4	Obj7 2
5	Obj11 2
6	Obj8 1
7	Obj10 1
8	Obj4 0
9	Obj5 0
10	Obj6 0
11	Obj9 0
12	Obj12 0

## User Guide Core Area Three

### Definitions of the Twelve IDEA Student Learning Objectives (SLO's)

<b>Objective 1</b>	Gaining factual knowledge (terminology, classifications, methods, trends)
<b>Objective 2</b>	Learning fundamental principles, generalizations, or theories
<b>Objective 3</b>	Learning to <i>apply</i> course material (to improve thinking, problem solving, and decisions)
<b>Objective 4</b>	Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course
<b>Objective 5</b>	Acquiring skills in working with others as a member of a team
<b>Objective 6</b>	Developing creative capacities (writing, inventing, designing, performing in art, music, drama, etc.)
<b>Objective 7</b>	Gaining a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.)
<b>Objective 8</b>	Developing skill in expressing myself orally or in writing
<b>Objective 9</b>	Learning how to find and use resources for answering questions or solving problems
<b>Objective 10</b>	Developing a clearer understanding of, and commitment to, personal values
<b>Objective 11</b>	Learning to <i>analyze</i> and <i>critically evaluate</i> ideas, arguments, and points of view
<b>Objective 12</b>	Acquiring an interest in learning more by asking my own questions and seeking answers