

IDEA Core Curriculum Student Learning Objectives Academic Year F07-S08

Core Area Three - Natural Sciences (Course Prefixes 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		SCALE : 1 - Minor/No Importance, 2 - Important, 3 - Essential.	Percentage of 2 and 3 Responses by Faculty		Number of Intersections with THECB Objectives				
	1	Obj1		62%	1	Obj1	97%	1	Obj1	2
	2	Obj2		59%	2	Obj2	96%	2	Obj2	2
	3	Obj3		52%	3	Obj3	73%	3	Obj3	2
	4	Obj4		48%	4	Obj7	35%	4	Obj7	2
	5	Obj12		47%	5	Obj12	31%	5	Obj11	2
	6	Obj9		44%	6	Obj11	31%	6	Obj8	1
	7	Obj7		42%	7	Obj9	23%	7	Obj10	1
	8	Obj11		41%	8	Obj4	22%	8	Obj4	0
	9	Obj10		38%	9	Obj10	7%	9	Obj5	0
	10	Obj6		28%	10	Obj8	5%	10	Obj6	0
	11	Obj5		28%	11	Obj5	4%	11	Obj9	0
12	Obj8	27%	12	Obj6	2%	12	Obj12	0		

User Guide Core Area Three

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

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