

Bachelor of Science in Materials Science and Engineering[#]

Department of Materials Science and Engineering

Mapping of Program Outcomes to ABET 3A-K and Program Criteria

		PROGRAM OUTCOMES						
		PO1	PO2	PO3	PO4	PO5	PO6	PO7
	ABET CRITERIA							
a.	Apply knowledge of Math, Science and Engineering	x	x					
b.	Design experiments and analyze data		x	x				
c.	Design and produce a material to meet a need		x					
d.	Work in multidisciplinary teams			x	x			
e.	Combine 1-5 to assess problems and formulate solutions	x	x	x	x	x	x	
f.	Understand and practice professional and ethical responsibilities							x
g.	Communicate effectively				x			
h.	Be broadly educated and understanding of engineering solutions in a global and social context	x	x	x				
i.	Recognize the need for life-long education and practice						x	x
j.	Demonstrate awareness of contemporary societal issues			x				
k.	Use modern tools for fabrication and characterization					x		