

PLOs for PSME Division - Active Only

Unit Name	Program Level Outcome (PLO) Name	Program Level Outcome (PLO)	Related ICC
Dept - (PSME) Astronomy	ASTR_PLO_1	Appraise the benefits to society of astronomical research.	
	ASTR_PLO_2	Evaluate the impact on Earth's characteristics of the evolution of the solar system, stars, and stellar systems.	
	ASTR_PLO_3	Evaluate astronomical news items or theories about astronomy based upon the scientific method.	
Dept - (PSME) Chemistry	CHEM_PLO_1	Demonstrate an understanding of the scientific methods and utilize the method in a laboratory setting.	
	CHEM_PLO_2	Demonstrate knowledge of basic chemical concepts as well as mathematical skills as they relate to the study of chemistry.	
	CHEM_PLO_3	Demonstrate basic chemical hygiene and safety in a laboratory environment	
	CHEM_PLO_4	Demonstrate ability to acquire and analyze data through empirical observation and use of appropriate instrumentation.	
Dept - (PSME) Mathematics	Mathematics PLO_1	Analyze and synthesize the concepts of mathematics from a graphical, analytical, numerical, and verbal approach.	
	Mathematics PLO_2	Demonstrate and apply a systematic and logical approach to modeling and solving mathematical problems.	
	Mathematics PLO_3	Use correct notation and mathematical precision in communicating mathematics.	Critical thinking