

**Department: Physics and Geosciences**  
**Program: MS in Petrophysics**

<b>Skill Set</b>	<b>Professional Application</b>	<b>Delivery of Skill Set</b> Courses, extracurricular activities, etc. in which the skill set is introduced (I), reinforced (R), or mastered (M)
Core Skill: Communication Skills	Efficient/effective use of geophysical techniques to locate and image the subsurface reservoirs	PHYS 5382 Exploration Geophysics (R) PHYS 5385 Seismology (R)
Core Skill: Critical Thinking	Efficient/effective problem solving; use of well logging and petrophysical techniques for reservoir characterization	PHYS 5388 Borehole Geophysics (I)