

# Student Learning Outcomes Library

Office of Assessment & Accreditation

Indiana State University

MS Earth & Quaternary Sciences

Spring 2020

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<b>Outcome</b>	<b>Related Foundational Studies or Graduate Goal</b>
Professional Communication Proficiencies	
1.1 Demonstrates professional communication proficiencies in core courses, thesis proposal defense, and public thesis defense, and presentation at professional meetings	
Professional Communities—Engage in and meaningfully contribute to diverse communities and professional environments	
2.1 Engage in and contribute to diverse communities and professional environments including team-oriented lab and field work and interaction with visiting scholars.	
Professional Ethics—Recognize and act on professional and ethical challenges that arise in the field or discipline	
3.1 Recognize ethical challenges by completing ENVI 588, on-line CITI Program ethics training, and faculty mentoring	
Discipline Knowledge—Mastery of the knowledge required in their discipline or profession	
4.1 Achieve mastery of discipline knowledge through MS core curriculum by completing papers, exams, and thesis/final paper projects	
Discipline Skills—Mastery of the skills and tools required in their discipline	

5.1 Achieve mastery of skills/tools in statistical methods and data display of geoscience data sets	
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