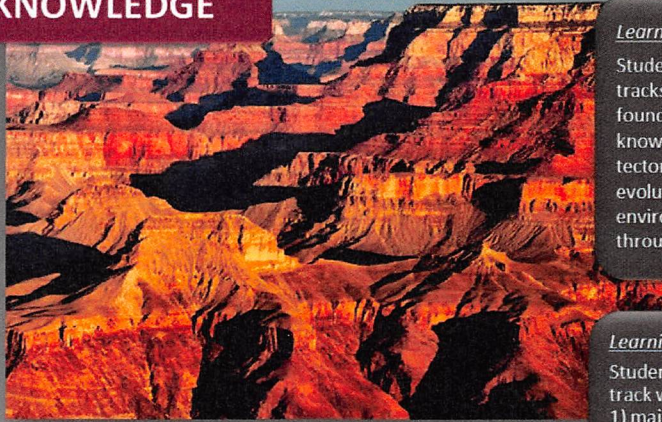


What Will You Learn in Your Geology Program at IUP?

CONTENT KNOWLEDGE



Learning Outcome 1

Students in all Geoscience tracks will master foundational content knowledge in: 1) plate tectonic theory; 2) evolution; and 3) environmental change through time.

Learning Outcome 2

Students in the Geology track will be able to identify 1) major rock-forming minerals; 2) common crustal rocks; and 3) deformational structures that reveal past plate tectonic interactions.

DISCIPLINARY SKILLS



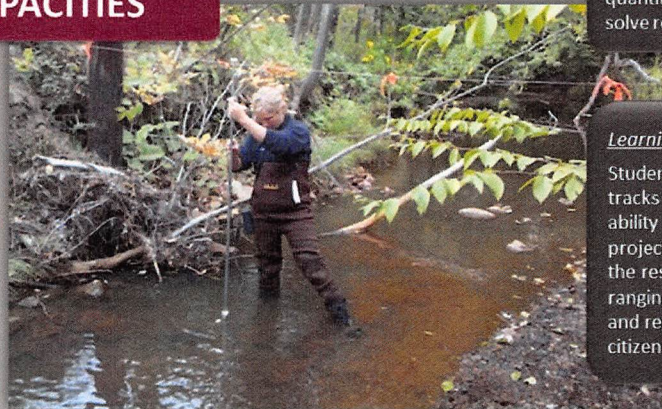
Learning Outcome 3

Students in the Geology track will be able to collect and record data using geologic field equipment, field journals, and geologic maps.

Learning Outcome 4

Students in all Geoscience tracks will understand how to analyze geologic data with quantitative tools in order to solve real-world problems.

WORK CAPACITIES



Learning Outcome 5

Students in all Geoscience tracks will graduate with the ability to manage a research project and communicate the results to audiences ranging from scientific peers and regulators to public citizens.

B.S. in Geology / Geology Track