EXPLORE HOW CRIMES ARE SOLVED USING SCIENCE

In this two-part course, explore the fields of forensic entomology, DNA and blood spatter analysis, autopsies, fur and fiber analysis, ballistics, cyber evidence and fire science.

Real life case studies will be used to investigate how law enforcement officers create evidence-based narratives to tell a story regarding the sequence of events of a crime.

Course participants will develop a keener sense of observation as they learn the interdisciplinary nature of forensic science and forensic science field techniques. Students will critically analyze case studies and evidence to create theories regarding crimes.

FALL COURSE HIGHLIGHTS
• Bones, Ballistics, Blood Splatter & Bodies
• Improving Observational Skills
• Necropsies/ bone, teeth analysis
• Blood Spatter Analysis/ DNA
• Wildlife Investigations
• Ballistics
• Evidence from Autopsy

SPRING COURSE HIGHLIGHTS
• Fingerprints, Fur & Fibers, Fire Science, Forensic Entomology
• Fingerprints/Fur/ Fibers/ Footprints/ Tire prints
• Trace Evidence
• Digital Dossier Cyber Forensics
• Forensic Entomology
• Fire Science
• Writing Samples/Document Analysis

ABOUT THE INSTRUCTOR
MARCIE REUER, EDD is a teacher and former principal who has spent 12 years teaching Kindergarten to graduate students, with a passion for science and technology. Her classrooms emphasize inquiry, lab experiences and field work in an effort to create meaningful learning for students. Marcie has taught in Canada, Australia and the United States. She currently teaches pre-service elementary educators and graduate students at Montana State University.