

*FORS 6320*

# Analytical Chemistry & Toxicology

FORS 6320 (BIOL/BIMS 6300) is the 4th in the series of **forensic science** courses offered at UHV in its graduate MAIS degree. This forensic toxicology course discusses theories & methods in the analysis of drugs and toxins, including the study of harmful interaction between chemicals and biological systems. A large part of this course will be devoted to case studies where drugs and toxins such as alcohol, marijuana, heroin, and poisons have been used in criminal cases and illegal situations as related to crime. Emphasis will also be given to work done in crime labs with illegal substances which tends to be a larger part of crime lab analytical tests. Field trips to area crime labs and related analytical laboratories are included. Experts from the field will add to this course by providing guest lectures.

Offered Fall 2010

**Online**

Section: 34918

*Also listed:*

*BIOL 6300 section 34912 - BIMS 6300 section 35450*

*CRIJ 6300 section 35480*

Forensic Science is a growing field in the scientific community and there is a great need of trained analyst/scientists in the field. Research shows that there is a dearth in crime analyst in the nation, particularly in the state of Texas. With 14 faculty members in biology, criminal justice, psychology and math/computer science, UHV is in an ideal institution to provide students with curricula to prepare for careers in this area.

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