

CRIME ANALYSIS CERTIFICATE PROGRAM

FOUNDATIONS OF CRIME ANALYSIS

- Types of crime and problem analysis
- Evidence-based practices
- Research methods and data quality assessments
- Data analysis basics
- Communication strategies
- Case studies

DATABASES AND ANALYSIS

- Database fundamentals
- Microsoft Office applications
- SQL and Power Query in Excel
- Organizing data for analysis
- Data analysis tools
- Data visualization basics

SOCIAL NETWORK ANALYSIS

- Theory and methods of SNA
- Gephi software
- Lab-based learning
- Communicating results
- Applied course project

CRIME AND PROBLEM MAPPING

- Purposes of spatial analysis
- Importing and geocoding data
- Communicating results
- ArcGIS Pro
- Case studies

All courses are taught by award-winning crime analysts or SHSU faculty with years of instructional experience.

\$1,200 for all courses or \$400 for individual courses
In-person only at SHSU The Woodlands Center

