

In-Demand Skills

Skills Recommended in Science for Forensics Students

✓ Data Analysis

Basic data analysis skills are important in forensic science to help understand results from lab tests and evidence collected at crime scenes. Organizing and studying data can reveal patterns or clues that may help explain what happened. These skills also make it easier to clearly explain findings in reports and investigations. Strong data analysis abilities also support accurate comparisons between pieces of evidence and help ensure that conclusions are based on clear, organized information.

✓ Database Management

Strong data management is crucial in forensic science to keep evidence and information organized and easy to access. Properly storing and labeling data helps prevent mistakes and ensures that important details are not lost during an investigation. Good data management also helps teams quickly find and review information when working on reports and analyzing evidence. Developing clear systems for recording, storing, and protecting data helps maintain accuracy and reliability throughout the entire investigative process.

✓ Software and Computer Proficiency

Modern forensic work often requires strong software and computer proficiency to examine digital information and process evidence efficiently. Being comfortable with different programs and computer systems makes it easier to analyze data, organize case information, and document findings. These skills help ensure that evidence can be reviewed carefully and recorded accurately during an investigation.

✓ Technical Writing; Interpersonal Skills

Effective technical writing and interpersonal skills play an important role in forensic science by helping ensure that information is clearly documented and communicated during investigations. Well-written reports help organize complex information so findings are easy to understand and recorded accurately. At the same time, clear communication and respectful collaboration helps ensure that important information is shared properly among professionals. Together, these skills support organized teamwork and the accurate presentation of investigative findings.

✓ Project Management

Within project management, careful planning and time management help ensure that tasks are completed on schedule and resources are used effectively. These skills also support coordinating multiple team members and processes, keeping the investigation organized and focused. Good project management ultimately ensures that all aspects of a case are handled thoroughly.

✓ Public Speaking

In forensic science, public speaking skills help communicate findings and explain complex information clearly. Speaking confidently allows results to be shared in a way that is understandable and professional. These skills make it easier to communicate insights with teams, collaborators, or in educational settings.

✓ Research Opportunities

<https://www.kbcc.cuny.edu/crsp/index.html>

The CUNY Research Scholars Program is a year-long program where students work with faculty mentors on hands-on research projects across multiple semesters. Participants build skills through workshops, complete significant research hours, and develop projects in fields like STEM, social sciences, and business. By the end, students present their work while gaining academic experience and course credit.