



Forensic Scientist II

Salary Group: B20
Class Code: 6053

<u>CLASS TITLE</u>	<u>CLASS CODE</u>	<u>SALARY GROUP</u>	<u>SALARY RANGE</u>
FORENSIC SCIENTIST I	6052	B19	\$42,244 - \$68,960
FORENSIC SCIENTIST II	6053	B20	\$45,158 - \$73,788
FORENSIC SCIENTIST III	6054	B21	\$48,278 - \$78,953
FORENSIC SCIENTIST IV	6055	B22	\$51,614 - \$84,479
FORENSIC SCIENTIST V	6056	B23	\$55,184 - \$90,393
FORENSIC SCIENTIST VI	6057	B24	\$59,004 - \$96,720

GENERAL DESCRIPTION

Performs routine (journey-level) forensic science work. Work involves conducting laboratory tests, conducting analyses, and identifying physical evidence from crime scenes; interpreting analytical results; establishing and maintaining records pertaining to casework and court testimony; preparing technical reports; and testifying as an expert witness in court. Works under moderate supervision, with limited latitude for the use of initiative and independent judgment.

EXAMPLES OF WORK PERFORMED

Conducts laboratory tests and performs analysis to compare and identify physical evidence from crime scenes.

Conducts macroscopic, microscopic, and physical examinations of evidence.

Determines weight, diameter, and other measurements of bullets to determine the make and caliber of the gun from which they were fired and to determine ammunition brand, type, and compatibility.

Determines bullet trajectories, cartridge case ejection extraction patterns, and bullet entry and distance factors.

Compares handwriting for determination of authorship.

Identifies weapons by make, caliber, type, and class characteristics.

Prepares technical reports concerning results on examinations conducted.

Serves as an expert witness in court regarding the results of the analyses and examinations of physical evidence.

May conduct chemical analyses on suspected controlled substances and prepare chemical solutions.

May conduct analyses of blood and breath for alcohol content and of stains to determine the presence of animal or human blood, its type, and genetic markers.

May conduct crime scene investigations and obtain legible friction ridge impressions of deceased persons in various stages of decomposition.

May examine clothing to retrieve and identify physical trace evidence.

May perform maintenance checks on breath-testing equipment and establish and maintain records of maintenance, court testimony, and breath-test operator certifications.

May function as a member of a disaster team and maintain scientific equipment.

Performs related work as assigned.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

Experience in forensic science work. Graduation from an accredited four-year college or university with major coursework in chemistry, physical science, criminal justice, or a related field is generally preferred. Experience and education may be substituted for one another.

KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of principles, techniques, and procedures of related forensic science disciplines; of methodologies and techniques used in fingerprint identification; of proper evidence and hazardous chemical handling procedures; of forensic principles, techniques, and procedures; of criminal court proceedings and rules of evidence; and of weapons and ammunition.

Skill in the use of laboratory equipment and materials, and in the use of a computer, and applicable software.

Ability to conduct microscopic and macroscopic examinations, to prepare reports, to recommend improvements in methodology and equipment, to conduct crime scene investigations, to perform instrumental chemical analyses, and to communicate effectively.

REGISTRATION, CERTIFICATION, OR LICENSURE

May require registration, certification, or licensure in a specialty area.