

**ALABAMA STATE UNIVERSITY
 MASTER OF SCIENCE IN FORENSIC SCIENCE
 CURRICULUM GUIDE**

Total number of credits: 42 Semester Hours

Course Number	Course Description	Credits
Required Courses (16SH)		
FRS 642	Principles of Forensic Toxicology	4
FRS 663	Forensic Biology	4
FRS 664	Forensic Chemistry	4
FRS 665	Forensic Analysis, Crime Scene Investigation, Ethics and Professional Responsibilities	4
Support Courses (17SH)		
FRS 550	Forensic Science Seminar (1SH/semester must attend 3 semesters)	3
FRS 560	Research Proposal Presentation	1
FRS 565	Thesis Research (10 SH minimum – May substitute Laboratory Internship for 3 SH of Thesis Research)	10
FRS 699	Thesis Defense	1
FRS 570	Ethics & Professional Responsibilities	2
Elective Courses (9SH)		
FRS 566	Forensic Science Internship	3
FRS 644	Advanced Forensic Toxicology	3
FRS 650	Forensic Serology & DNA Analysis	2
FRS 651	Forensic Serology & DNA Analysis (Lab)	1
FRS 655	Expert Testimony in Forensic Science	3
FRS 660	Forensic Science Laboratory Internship (200 hours)	
FRS 661	Analysis of Pattern Evidence (lecture/laboratory)	2
FRS 662	Firearms & Toolmark Identification (lab)	1
FRS 672	Chemistry and Analysis of Drugs	3
FRS 673	Chemistry and Analysis of Arson and Explosives Evidence	3
FRS 676	Advanced Forensic DNA Analysis (lecture/laboratory)	3
FRS 677	Population Genetics	3
FRS 681	Analysis of Fire Debris & Explosives (lecture/laboratory)	3
FRS 682	Forensic Analysis of Paint & Polymers (lecture/laboratory)	3
FRS 692	Forensic Science Special Topics	
FRS 693	Quality Assurance in Forensic Science	2

FRS 694	Firearm & Toolmark Identification Lecture	3
FRS 695	Forensic Evidence & Criminal Procedure	3
FRS 696	Instrumentation in Forensic Chemistry	3
FRS 697	Forensic Microscopy	2
FRS 698	Forensic Microscopy Lab	1

FBI Quality Assurance Standards Courses for DNA Analysis Specialization	
BIO 336	Principles of Genetics 3
BIO 340	Biostatistics 3
BIO 420	Molecular Biology and Genetics 4
CHE 421	Biochemistry 4
BST 501	Biostatistics 4
BIO 515	Cytogenetics 4
BIO 517	Molecular Biology 4
BIO 611	Physiological Chemistry 4
BIO 619	Molecular Genetics 4