

Human and Animal Food Laboratory National Curriculum Standard																					
Director	Leadership	Agency/Legal Requirements										Laboratory Oversight									
Expert		Grants, Contracts, and Cooperative Agreements					Management				Regulations, Standards, and Programs (RSPs)				Scientific Acumen						
Mid (Program Specific)		Advanced Animal Food					Radiochemistry				Select Agents and Toxins				Shellfish						
		Advanced Gas Chromatography		Advanced Laboratory Techniques			Advanced Liquid Chromatography		Authenticity		Advanced Laboratory Techniques										
Mid Core		Advanced Communication Skills	Advanced Quality Techniques	Advanced Safety	Advanced Waste Manage-ment		Audit	Emerging Analytical Challenges		Environmental Conditions	Evidentiary Integrity	Incident Detection and Response	Informatics / IT	Laboratory Networks, Collaborations, and Interagency Programs	Legal Proceedings	Method Evaluation and Selection	QMS II				
Entry (Program Specific)		Animal Food					Biosafety Level 3				Dairy Regulatory Programs				Select Agents			Shellfish Regulatory Programs			
		Basic Chromatography		Basic Separation / Extraction Techniques		Basic Mass Spectrometry		Basic Spectroscopy		Elemental Analysis		Environmental Monitoring and Investigations		Aseptic Techniques		Basic Foodborne Pathogens		Environmental Conditions		Microbiological Testing	
Entry Core		Accredita-tion / Certification	Basic Communi-cation Skills	Basic Laboratory Math	Basic Laboratory Statistics	Basic Laboratory Techniques	Chain of Custody	Ethics	Incident Command System (ICS)	IFSS	LIMS	Laboratory Sampling	Method Resources	Public Health (One Health Approach)	Quality Mgt Systems	Regulatory Systems	Regulatory Sampling	Safety	Waste Mgt		
Last Updated Feb 2024	Leadership Skills			Core			Chemistry			Microbiology			Specialized Labs								