

Senior Administration	4900	SAC1 Certificates & Certifications (CC)																		Accreditation/Certification (AC)	Change Management (CM)	Emerging Issues (EI)	Human Resource Management (HR)	International Organization for Standardization (ISO) (section 4) (IN)	Public Relations (PR)	Leadership/Executive Program (LE)	Instructor Development (ID)	Project Management (PE)	Integrated Food Safety System (IFSS) Implementation (II)	Future Leaders (FL)	Required Period Training (RT)	Emerging Technologies (ET)	Emerging Issues (EI)									
	4500	Advocacy (AV) SA1	Budget (BU) SA2	Continuity of Operations (CO) SA3	Facility Management (FM) SA4	Legislative Affairs (LA) SA5	Organizational Culture (OC) SA6	Policy Making (PM) SA7	Program/Grant management (PG) SA8	Risk Analysis (Management & Communication) (RI) SA9	Stakeholder Support (SS) SA10	Systems Analysis (SA) SA11																														
Supervisor / Manager (Program Specific)	4400	SCC1 Certificates & Certifications (CC)																		S5	S6	S7	S8	S9	S10	S11	EX14	EX15	EX11	RT	ET	EI										
4300	Advanced Chemistry (AD) SC1									Advanced Microbiology (AM) SM1																																
Supervisor / Manager	4000	Conflict Resolution and Mediation (CR) S1			Incident Command Systems (ICS) (IC) S2			Negotiation (NG) S3			Risk Communication Introduction (RC) S4			EXC2	EXC3	EXC4	EXM2	EXM3	EXM4	EXM5	EXE2	EXE3	EXE4	EXE5	EX14	EX15	EX11	RT	ET	EI												
3900	EXCC1 Certificates & Certifications (CC)																																									
Expert (Program Specific)	3200	Feed (FE) EXC2			Food (FO) EXC3			Shellfish (SF) EXC4			Animal Health (AH) EXM2			Feed (FE) EXM3			Food (FO) EXM4			Shellfish (SF) EXM5			Instrument Repair (IR) EXE2			Laboratory Evaluation Officer (EO) EXE3			Mentoring (ME) EXE4			Nanotechnology (NA) EXE5			EX14	EX15	EX11	RT	ET	EI		
3100	EXC1 Chemistry Concentration (EC)									EXM1 Microbiology Concentration (MI)									EXE1 Electives (EE)																							
Expert	3000	Acidified Foods (AF) EX1		Allergen (AL) EX2		Evidence-based Decision Making (DM) EX3		Grant Writing (GW) EX4		Internal Audit (IU) EX5		Labeling (LB) EX6		Measurement Uncertainty (MU) EX7		Method Modification/Development (MD) EX8		Risk Analysis (RN) EX9		Chemistry (CV) EX12		Microbiology (MV) EX13		Validation Methods (VM) EX10			EX14	EX15	EX11	RT	ET	EI										
2900	MCC1 Certificates & Certifications (CC)																																									
Mid (Program Specific)	2400	Animal Health (AH) MC7		Dairy (DA) MC8		Feed (FE) MC9		Food (FO) MC10		Shellfish (SF) MC11		Animal Health (AH) MM6		Feed (FE) MM7		Food (FO) MM8		Shellfish (SF) MM9		Audit (AU) ME2			Waste Management (WM) ME3			MM10	RT	ET	EI													
	2300	Gas Chromatography–Mass Spectrometry (GCMS) (GC) MC2		Hazardous Material Shipping (HM) MC3		Inductively Coupled Plasma Mass Spectrometry (ICPMS) (CS) MC4		Liquid Chromatography–Mass Spectrometry (LCMS) (LC) MC5		National Laboratory Networks Methods (LM) MC6		Advanced Technologies (TC) MM2		Biosafety Level 3 (BL) MM3		Infectious Agent Shipping (IA) MM4		National Laboratory Networks Methods (LM) MM5																								
	2200	MC1 Chemistry Concentration (MC)									MM1 Microbiology Concentration (MI)									ME1 Electives (EE)																						
Mid	2100	Critical Thinking (CT) M2		Epidemiology, Foodborne Illness Investigation, & Response (EP) M3			Evidence Management (EM) M4		Federal Regulatory Testing Methods (FR) M5		Food and Feed Emergencies (FF) M6		Legal Proceedings (LP) M7		National Laboratory Networks (NL) M8		Public Speaking (PS) M9		Root Cause Analysis (RO) M10		Technical Writing Skills (TW) M11		Traceability (TR) M12		EX14	EX15	EX11	RT	ET	EI												
	2000	M1 Integrated Food Safety System (IFSS) (IF)																																								
Entry (Program Specific)	1900	ECC1 Certificates & Certifications (CC)																		EM14	EM15	EM10	EM11	EM12	EM16	EM13	EE2	EE1	RT	ET	EI											
	1500	Animal Health Certification (AN) EC13		Dairy Certification (DC) EC14		Environmental (EN) EC8		Feed (FE) EC9		Food (FO) EC10		Shellfish Certification (SC) EC15		Radiological (RA) EC12		Animal Health Certification (AE) EM14		Dairy Certification (DC) EM15														Environmental (EN) EM10		Feed (FE) EM11		Food (FO) EM12		Shellfish Certification (SC) EM16		Select Agents (SE)		
	1300	Animal Health (AH) EC6		Dairy (DA) EC7		Basic Chromatography (BC) EC2		Basic Mass Spectroscopy (MS) EC3		Chemical Fume Hood (FH) EC4		Separation Techniques (ST) EC5		Aseptic Techniques (AT) EM2		Basic Microbiology (BM) EM3		Basics of Enzyme-Linked Immunosorbent Assay (ELISA) (EL) EM4														Basic Polymerase Chain Reaction (PCR) (PC) EM5		Biosafety Cabinet (BI) EM6		Culture (CU) EM7						
	1200	EC1 Chemistry Concentration (EC)									EM1 Microbiology Concentration (MC)																					EE1 Electives (EE)										
Entry	1000	Accreditation/Certification (AC) E1		Basic Communication Skills (BS) E2	Basic Laboratory Math E3	Basic Laboratory Statistics (LS) E4	Basic Laboratory Techniques (LT) E5	Chain of Custody (CH) E6	Ethics (EH) E7	Incident Command Systems (ICS) (IC) E8	Integrated Food Safety System (IFSS) (IO) E9	Laboratory Information Management System (LIMS) (LI) E10	Method Resources (MR) E11	Public Health Principles (PH) E12	Quality Management Systems (QA) E13	Regulatory Programs (RP) E14	Regulatory Sampling E15	Safety (SY) E16	Sample Handling (SP) E17	Waste Management (WM) E18		E19	E20	E21																		

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This Curriculum Framework is being built out through a cooperative agreement between AFDO, APHL, and IFPTI.

Interactive National Curriculum Standard (INCS): <http://www.ifpti.org/incs>

Note: Core content areas (common topics in which everyone at that Professional Level should be competent) are denoted by dotted borders.