Competency Domains

These are the broad categories of knowledge, skills, and attitudes necessary to function within the field of clinical research, identified by the Joint Taskforce for Clinical Trial Competency.

Sonstein SA and Jones CT (2018), Joint Task Force for Clinical Trial Competency and Clinical Research Professional Workforce Development. Front. Pharmacol. 9:1148.

Course Alignment

The following table illustrates course alignment with the eight key competencies of the clinical research professional:

Competency	Epidemiology	Emerging Trends in Medical Device Regulation	Ethical Issues in Research	Med Dev & Combo Prod	Spon Proj Finance	The History of Misconduct in Biomedical Research	Fundamentals of Academic Research Administration	Pharmaceutical R&D: Business Process and Information Flow	World Wide Regulatory Submissions	Intro to Clinical Trials	Clinical Trial Budgeting	Applications of Clinical Research Biostatistics	Scientific Writing and Medical Literature	Clinical Data Management	Current Iss in Review Bds	Current Federal Regulatory Issues in Biomedical Research	Clinical Project Mgmt	PT Recruit & Inform Consent
Scientific Concepts and Research Design	X									X		X	X					
Ethical and Participant Safety Considerations			X			X			X						X			
Investigational Products Development and Regulation		X		X												X		
Clinical Study Operations (Good Clinical Practice)																	X	X
Study and Site Management					X		X				X							
Data Management and Informatics														X				
Leadership and Professionalism																		
Communications and Teamwork								X						X				

Competency	Pharmaceutical Law	Clinical Outsourcing	Leadership Skills	International Reg Affairs	Compliance & Monitoring Issues	Contemporary Issues in Human Research Protection	Principles and Practice of Pharmacovigilance	Designing the Clinical Trial	Innovative Product Development	Fundamentals of Compliance	Introduction to Clinical Pharmacology	Informatics in Pharm Res & Development	Biotech/Research	Health Policy and Economics	App Clin Resch Biostat II	Quality Assurance Audits	Strategic Planning
Scientific Concepts and Research Design	X							X			X				X		X
Ethical and Participant Safety Considerations						X											
Investigational Products Development and Regulation	X			X					X				X				X
Clinical Study Operations (Good Clinical Practice)					X		X			X						X	
Study and Site Management		X															
Data Management and Informatics												X					
Leadership and Professionalism			X											X		X	
Communications and Teamwork			X													X	