

Clinical Science MS with Distinction Degree Plan

Year	Term	Title	Credit Hour	Total Credit Hrs/Term
First Year	Summer	Clinical Research Questions and Methods	1	
		Public Policy Considerations in Research	1	Semester Total: 12
	Fall	Clinical Research Design and Analysis	3	
		Electives*	3	Semester Total: 12
	Spring	Clinical Research Protocol Development	1	
		Biostatistics II	3	
		Biostatistics Laboratory II	1	
Epidemiology		3	Semester Total: 6	
Second Year	Summer	Ethics	1	
		Electives*	1	Semester Total: 9
	Fall	Grant Writing and Funding Strategies	1	
		Practicum: Mentored Research Project	3	
		Electives*	1	Semester Total: 9
	Spring	Effective Data Collection and Management	1	
		Practicum: Critical Literature Review	3	
Electives*		2	Semester Total: 6	
Third Year	Summer	Practicum: Independent Research Project	3	Semester Total: 9
	Fall	Practicum: Grant Application	3	Semester Total: 9
	Spring	Electives*	1	Semester Total: 6
Minimum Credit Hours for MS				36

* Electives	Credit Hour
Mathematical Biostatistics	3
Biostatistics Laboratory I	1
Clinical Pharmacology	2
Clinical Research from Proposal to Implementation	1
Conceptual Biostatistics	3
Cross Cultural Clinical Research	1
Developing and Validating Measures	2
Genetic and Molecular Science for the Clinical Investigator	1
Health Economics in Clinical Research	2
Health Services Research	2
Preparing a Journal Report	1
Advanced Clinical Research Design and Analysis	1