Course Requirement Checklist
MS in Clinical Investigation

Baylor College of Medicine

GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

Students Starting Academic Year: **2026-2027**

Program Core Courses (16 credits)**:**				
	GS-CT-6300	Fundamentals of Clinical Investigation	3	
	GS-CT-6201	Clinical Investigation 1: Research Development	2	
	GS-CT-6302	Clinical Investigation 2: Research Design	3	
	GS-CT-6303	Clinical Investigation 3: Career Development	3	
	GS-CT-6304	Clinical Investigation 4: Research Application	3	
	GS-CT-6205	Clinical Investigation 5: Grant Evaluation	2	
Biostatistics Course (either GS-GS-6400 or approved substitute)**:**				
	GS-GS-6400	Foundations B: Biostatistics		
Didactic Elective Courses (at least 14 credits, inclusive of Biostatistics course)**:**				
Responsible Conduct of Research Course (1 credit)**:**				
	GS-CT-5101	Responsible Conduct of Research for Clinical Investigators	1	
Research Hours: In each term, students enroll in the number of credits [beyond other coursework] needed to be enrolled full-time (minimum 3 per term)				
	GS-CT-5040	Special Projects	Var.	
		Taken each term after a mentor is appointed.		

Graduate Degree Plan
MS in Clinical Investigation

Baylor College of Medicine

GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

Students Starting Academic Year: 2026-2027

General Degree Requirements:

- Completion of at least 84 term hours
- At least 30 of those term hours must be in Didactic courses
- Complete a written research thesis, approved by thesis advisory committee

Requirements - Year One:

Term 1:	GS-CT-6300	Fundamentals of Clinical Investigation	3 (Didactic)	
	GS-CT-6201	Clinical Investigation 1: Research Development	2 (Didactic)	
	GS-CT-5101	Responsible Conduct of Research for CIs	1	
		Research Hours/Elective Courses	6	Total to Date
		Total:	12 (5)	12 (5)
Term 2:	GS-CT-6302	Clinical Investigation 2: Research Design	3 (Didactic)	
		Research Hours/Elective Courses	9	Total to Date
		Total:	12 (3)	24 (8)
Term 3:	GS-CT-6303	Clinical Investigation 3: Career Development	3 (Didactic)	
		Research Hours/Elective Courses	9	Total to Date
		Total:	12 (3)	36 (11)
		Student's Thesis Advisory Committee must be appointed by the end of term 3 of the student's first year of enrollment.		
Term 4:	GS-CT-6304	Clinical Investigation 4: Research Application	3 (Didactic)	
		Research Hours/Elective Courses	9	Total to Date
		Total:	12 (3)	48 (14)
Term 5:	GS-CT-6205	Clinical Investigation 5: Grant Evaluation	2 (Didactic)	
		Research Hours/Elective Courses	10	Total to Date
		Total:	12 (2)	60 (16)

Requirements -Year Two Through Graduation:

Term 1:		Research Hours/Elective Courses	12	Total to Date
		Total:	12	72 (16)
Term 2:		Research Hours/Elective Courses	12	Total to Date
		Total:	12	84 (16)
Term 3:		Research Hours/Elective Courses	12	Total to Date
		Total:	12	96 (16)
Term 4:		Research Hours/Elective Courses	12	Total to Date
		Total:	12	108 (16)
Term 5:		Research Hours/Elective Courses	12	Total to Date
		Total:	12	120 (16)
		Fourteen additional didactic hours are required for a total of thirty (30)		

Biostatistics Requirement:

Students are required to take GS-GS-6400 Foundations B: Biostatistics, or a substitute biostatistics course approved by the Program Director

Recommended Electives:

Term 3	GS-QC-6201	Applications to Biology of Computation	2 (Didactic)
Term 3	GS-GS-5105	Scientific Writing	1
Term 4	GS-QC-6302	Computer-Aided Discovery Methods	3 (Didactic)
Term 5	GS-CP-6202	Drug Discovery: Bench to Bedside	2 (Didactic)

**Students may select electives from open course options in all graduate programs. Courses may be viewed in the Graduate School Bulletin*