Explanation of Course Numbers

• Courses in the 1000s are primarily introductory undergraduate courses
• Those in the 2000–4000s are upper-division undergraduate courses that can also be taken for graduate credit with permission and additional work
• Those in the 6000s and 8000s are for master’s, doctoral, and professional-level students
• The 6000s are open to advanced undergraduate students with approval of the instructor and the dean or advising office

CRA 2101. Basics of Clinical Research. 3 Credits.
Fundamental concepts, trends, regulations, and practices in clinical research. An overview of industry and government practices and policies in the development of patient care products (drug, devices, biologicals, and diagnostics) and treatment protocols.

CRA 2102. Processes of Clinical Research. 3 Credits.
The key process steps involved in the design, implementation, analysis, and approval of investigational new products with an emphasis on the operational steps involved in conducting clinical trials.

CRA 2103. Good Clinical Practices. 3 Credits.
The organization and management of data, documents, materials and findings resulting from clinical research as prescribed by governmental institutions, regulatory agencies, industry sponsors, and research organizations. Audit standards and mechanisms are introduced, and practice audits are conducted.

CRA 2104. Business of Clinical Research. 3 Credits.
Fiscal and managerial components of clinical research, including the budgeting processes, fiscal management, software applications, legal and contractual issues, and recruitment of personnel and subjects. Examination of all entities involved in clinical research, including drug, device, biological, and diagnostics sponsors; academic medical centers; and contract research organizations, site management companies, physician-run organizations, and health delivery organizations.

CRA 2105. Topics in Clinical Research. 3 Credits.
Guided readings and study in selected aspects of clinical research administration.

CRA 2107. Intro Monitoring Clin. Trials. 3 Credits.
Introduction to the role of monitoring in clinical research administration to ensure valid, reliable, and accurate clinical data and adherence to good clinical practices by sponsors and study sites.

CRA 4106. Clin Research Admin Internship. 3 Credits.

CRA 6201. Critical Analysis Clin Rsch. 3 Credits.
Analyses of the essential components of clinical research including good clinical practice, human subject protection, study design, and trials administration.

CRA 6202. Medicines Development. 3 Credits.
Examination of nonclinical, clinical, commercial, regulatory and risk assessment strategies required to develop a clinical development plan for an approvable, marketable new therapeutic and propose life cycle management strategies.

CRA 6203. Partnerships w/Human Subjects. 3 Credits.
Evaluation of the strategies and regulations applied to recruitment, retention, and compliance of participants who enroll in clinical research projects.

CRA 6204. The Clinical Research Industry. 3 Credits.
Analysis of the stakeholders within the clinical research industry and how these stakeholders interact to deliver products, services, and results across health care systems.

CRA 6205. Clinical Investigation. 3 Credits.
Analysis and evaluation of study design strategies and current practices for major therapeutic areas of clinical research (e.g., vaccine development, cardiovascular disease, anti-infectives, CNS, etc.).

CRA 6206. International Clinical Rsrch. 3 Credits.
Analysis of the strategies and methods of clinical research in international settings; explore cultural and ethical consideration in global clinical research projects.

CRA 6207. Monitoring Clinical Research. 3 Credits.
Synthesis and integration of a managerial perspective of the monitoring clinical research through the perspectives of the clinical site, the sponsor, and intermediaries with the process.

CRA 6208. MedicalWriting/ClinicalResrch. 3 Credits.
Strategies and practices in writing documentation related to clinical research administration.

CRA 6209. Teaching Strategies in the Health Professions. 3 Credits.
Teaching skills pertinent to the delivery of education in health sciences professions. Course design illustrates teaching and learning practices grounded in andragogy, contributing to curriculum program objectives of enhancing teaching skills. (Same as EHS 6212).

CRA 6210. MedicalWriting/ClinicalResrch. 3 Credits.
Curriculum development and assessment skills in the health professions. Variables that affect the manner in which individuals learn and interact within professions and organizations. (Same as EHS 6213).

CRA 6211. Curriculum Development in Health Professions. 3 Credits.
A capstone course focusing on the concept of leadership within the contexts of health professionals, health systems, and health policy.