**COMPLETE**  
Graduate Certificate in Clinical Research Practice  
(15 credits total)

- HSCI 6263: Biostatistics for CTR (3)  
- HSCI 6264: Epidemiology for CTR (3)  
- CTS 6246: CTR Capstone Project (3)  
- CTS 6203: Ethical Legal Issues in CTR (1)  
- CTS 6202: Research Methods for CTR (2)  
- CTS 6205: Clinical Trial Investigation (3)

(no electives of choice)

**ADD CLASSES AND EARN**  
MS in Clinical & Translational Research  
(36 credits total)

**Required (18 credits):**  
- CTS 6201: Critical Analysis Clinical Research (3)  
- CTS 6273: Bioinformatics for Genomics (3)  
- CTS 6261: Foundations in CTR (3)  
- CTS 6265: Grants CTR (3) or CTS 6266 Grantwriting Indiv (3)  
- CTS 6275: Transdisc. Research Proposal (3)  
- CTS 6285: Collaboration and Team Science (3)

**Required (15 credits)**  
- CTS 6246: CTR Capstone Project (3)  
- CTS 6203: Ethical Legal Issues in CTR (1)  
- CTS 6202: Research Methods for CTR (2)  
- CTS 6205: Clinical Trial Investigation (3)

(plus choice of one elective):

- RAFF 6201: Introduction to Global Regulatory Affairs  
- RAFF 6202: Regulatory Strategy in the Drugs and Biologics  
- RAFF 6203: Regulatory Strategy in the Devices and Diagnostics  
- RAFF 6204: Clinical Research for Regulatory Affairs  
  - RAFF 6205: Regulatory Compliance  
  - CRA 6202: Medicines Development  
  - CRA 6203: Partnerships with Human Subjects  
  - CRA 6204: The Clinical Research Industry  
  - CRA 6209: Quality and Risk Management  
  - INFR 6101: Princ Biomedical Informatics