

## **COMPLETE**

Graduate Certificate in  
Clinical Research Practice  
(15 credits total)

### Required (15 credits)

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)

### 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