

**Health Information Technology Curriculum
(students admitted during or after summer 2021)**

Note that course schedules may vary from term to term. To verify schedules and prerequisites for specific courses, please visit the CLSC courses and registration web page at:

<https://cctsi.cuanschutz.edu/training/clsc#resource>

<i>Course Number</i>	<i>Course Title</i>	<i>Credits</i>
BIOS 6601*	Applied Biostatistics I	3
BIOS 6602*	Applied Biostatistics II	3
BIOS 6648 or EPID 6626 or BIOS 6623 or EPID 6631	Design and Conduct of Clinical Trials (2 credits) <u>or</u> Research Methods in Epidemiology (3 credits; BIOS 6602 is a pre-requisite) <u>or</u> Advanced Data Analysis (3 credits) <u>or</u> Analytical Epidemiology (3 credits)	2-3
CLSC 6210†	Research Seminars in Clinical Science	1
CLSC 6270	Critical Appraisal Seminars in Clinical Science	1
CLSC 6800	Intro to Health Information Technology	3
CLSC 6820 or NURS 6289	Management of Health Information Technology (3 credits) <u>or</u> IT Systems Life Cycle (4 credits)	3-4
CLSC 7101	Grant Writing I	1
CLSC 7150*	Ethics and Responsible Conduct of Research	1
CLSC 7202	Clinical Outcomes and Applications	3
EPID 6630*	Epidemiology	3
NURS 6293 or ISMG 6080	Database Management Systems (Informatics focus) Database Management Systems (Information Systems focus)	3
Required Health Information Technology Course Credits		27-29
Elective Course Credits		1-3
Minimum Number of Required Course Credit (Core + Electives)		30
*CLSC 8990	Doctoral Thesis	≥ 30

* Courses required before Preliminary Exam (biostatistics, ethics, epidemiology). In addition, a second methods class is required (EPID 6626 or EPID 6631 or BIOS 6648 or BIOS 6623 or CLSC 6270 or CLSC 7202).

† CLSC 6210 is taken over 1 year typically during the second or third year of your PhD (after passing the Preliminary Examination but before completing the Comprehensive Examination).

* Must take the following prerequisite classes and pass the preliminary exam prior to registering for CLSC 8990: BIOS 6601, BIOS 6602, BIOS 6648 or EPID 6626 or BIOS 6623 or EPID 6631, CLSC 7150, EPID 6630