

# MS in Clinical Investigation Track 2 Curriculum

## Core

Catalog Number	Title	Units	Prerequisites	Instructor	Fall	Spring	Summer
MDCRC 6000	Introduction to Biostatistics	2		STODDARD, G. J.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> *
MDCRC 6010	Introduction to Epidemiology	1		SWEENEY, C.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> *
MDCRC 6020	Data Management	1		LASALLE, B. A.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> *
MDCRC 6030	Computer Practicum	1		STODDARD, G. J.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> *
MDCRC 6040	Design of Clinical Trials	2	MDCRC 6000 or equiv.	GREENE, T. C.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDCRC 6060	MSCI Reseach Workshop	.5		BARKMEIER-KRAEMER J.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MDCRC 6110	Intermediate Epidemiology	2	MDCRC 6000, 6010	SWEENEY, C.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDCRC 6210	Regression Models	2	MDCRC 6000, 6010	STODDARD, G. J.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MDCRC 6430	Bioethical Issues in Clinical Research	1		MANN, H.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> *
MDCRC 6280	CCTS Translational Med. Symposium	1		TBD	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MDCRC 6450	Grant Writing	3	MDCRC 6000, 6010, 6430	MURTAUGH, M.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## Electives from MSCI Program

Catalog Number	Title	Units	Prerequisites	Instructor	Fall	Spring	Summer
MDCRC 6120	Cost-Effectiveness Analysis	2	MDCRC 6000	BELLOWS, B.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> **
MDCRC 6150	Foundations in Personalized Health Care	2		MAESE L.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDCRC 6200	Systematic Reviews and Meta-Analysis	3	MDCRC 600, 6010	LAFLEUR, J. F.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDCRC 6220	Survey Methods	2	MDCRC 6010	OLSEN, L.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MDCRC 6270	Methods in Comparative Effectiveness Research	2	MDCRC 6110,6210	BISKUPIAK, J. E.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDCRC 6320	Introduction to Genetic Epidemiology	2	MDCRC 6000, 6010	ALLEN-BRADY, K.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ***
MDCRC 6340	Team Communication and Collaboration for Transl	1		BERZINS, M. A.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDCRC 6470	Implementation of Clinical Trials	2	MDCRC 6040	SHERWIN, C. M.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDCRC 6440	Medical Genetics for Clinical Investigation	1		JORDE, L.B.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## Other Electives

Catalog Number	Title	Units	Prerequisites	Instructor	Fall	Spring	Summer
FPMD 7410	Health Policy and Leadership	3	FPMD 6400	SUNDWALL, D.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FPMD 7640	Research & Evaluation of Health Behaviors	3	CONTACT DEPT.	ALDER, S.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FCS 6120	Demographic Methods	3		SMITH, K. R.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ECON 6190	Health Economics	3	CONTACT DEPT.	WAITZMAN, N.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BMI 6950	Special Topics in Quality Information	3	CONTACT DEPT.	J. GARVIN J. H.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BI 6950	Special Topics in Quality Information Res	3	CONTACT DEPT.	; I C, J.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PHS 7000	Biostatistics for Population Health Science	1	CONTACT DEPT.	STAFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PHS 7310	Dissemination and Implementation Science	3	MDCRC 6000,6010	KEAN J.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PHS 7300	Health Systems Research Methods	3	CONTACT DEPT.	OSE, D	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMM 7800	Interdisciplinary Research Immersion: Health Comm.	3		KAPHINGST, K	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## Research Credit Hours

Catalog Number	Title	Units	Prerequisites	Instructor	Fall	Spring	Summer
MDCRC 6960	Mentored Clinical Research Project	1 -10	*	As arranged	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Credit hours for an MS degree must total at least 30, with at least 20 of these from course work. Minimum enrollment each fall and spring semester is 2 credits.