

SCS Graduate Program Curricula 2005-2006

The following program requirements apply to SCS graduate students that begin their program in the 2005-06 academic year. Please note that you are bound to the curriculum requirements in effect in the quarter you start taking courses, not the quarter you are admitted. While we will make every reasonable effort to accommodate students whose programs change, this is not always possible. Northwestern University reserves the right to modify or discontinue any program without notice.

Click on the links below to review the curriculum for your program.

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Computer Information Systems Master of Science Degree Requirements

Courses	Units
Core Courses	5
CIS 314 Intermediate Object-Oriented Programming ¹	
CIS 315 Advanced Object-Oriented Programming ²	
CIS 317 Data Management & Information Processing ³	
CIS 350 Strategic Information Systems	
CIS 394 Software Project Management & Development	
Concentration area courses (choose three electives in one of these areas of concentration)	3
Database & Internet Technologies	
Networks & Telecommunications	
Software Development & Project Management	
Other Required Courses	2
One of the following	
CIS 497 ⁴ and 498 Systems Project I & II - <i>or</i> -	
CIS 590 Thesis Research and additional elective	
Total required units:	10

¹ 05-06 students who completed CIS 212-CN 'Introduction to Object Oriented Programming' but not CIS 314 'Intermediate Object-Oriented Programming' prior to Fall 2008 may substitute an elective in place of the requirement to take CIS 314.

² 05-06 students who completed CIS 314 'Intermediate Object-Oriented Programming' but not CIS 315, 'Advanced Object Oriented Programming' prior to Fall 2008 may substitute an elective in place of the requirement to take CIS 315.

³ This unit is now named, CIS 317 'Introduction to Databases' and is considered the equivalent of CIS 317 'Data Management & Information Processing'

⁴ CIS 497 is no longer offered; 05-06 students should take an additional elective in substitution for CIS 497

Creative Writing

Master of Arts Degree Requirements

Courses	Units
<i>Fiction Concentration</i>	
MCW 413 Studies in Fiction Writing	3
MCW 479 Writing across Genres	1
One of the following:	1
MCW 570 Seminar on Teaching Creative Writing ¹ - <i>or</i> -	
MCW 575 Seminar on the American Publishing Industry ¹	
Four electives: may include internships or independent studies (maximum of 2 independent studies and 1 internship).	4
MCW 590 Thesis Research	1
<i>Creative Nonfiction Concentration</i>	
MCW 461 Studies in Writing Creative Nonfiction	3
MCW 479 Writing across Genres	1
One of the following:	1
MCW 570 Seminar on Teaching Creative Writing ¹ - <i>or</i> -	
MCW 575 Seminar on the American Publishing Industry ¹	
Four electives: may include internships or independent studies (maximum of 2 independent studies and 1 internship).	4
MCW 590 Thesis Research	1
<i>Poetry Concentration</i>	
MCW 411 Studies in Writing Poetry	3
MCW 479 Writing across Genres	1
One of the following:	1
MCW 570 Seminar on Teaching Creative Writing ¹ - <i>or</i> -	
MCW 575 Seminar on the American Publishing Industry ¹	
Four electives: may include internships or independent studies (maximum of 2 independent studies and 1 internship).	4
MCW 590 Thesis Research	1
<i>Total required units:</i>	10

¹ Teaching or Publishing seminar requirement was eliminated for all MA in Creative Writing students. Students who took MCW 570 or 575 may apply this credit to their elective requirements.

Liberal Studies

Master of Arts Degree Requirements

Courses	Units
At least two of the following seminars:	2 - 3
IPLS 401 Seminar in Liberal Studies I	
IPLS 402 Seminar in Liberal Studies II	
IPLS 403 Seminar in Liberal Studies III	
Electives in humanities and related social sciences; may be applied toward a specialization (4 courses) in either: American Studies, History, Religious and Ethical Studies, or an individualized specialization	5 - 6
Capstone Project, supported by either:	1
IPLS 590 Thesis Research (see Master's Thesis) - <i>or</i> -	
Additional elective	
<i>Total required units:</i>	9

Literature

Master of Arts Degree Requirements

Courses	Units
English 410 Introduction to Graduate Study	1
Literature Courses (400- or 500-level)	4
Electives in literature or related humanities; may be applied toward a specialization (4 courses) in either: American Literature, British Literature, Comparative and World Literatures, or an individualized specialization.	3
Capstone Project, supported by either:	1
ENGLISH 590 Thesis Research (see Master's Thesis) - <i>or</i> -	
Additional elective	
<i>Total required units:</i>	9

Medical Informatics Master of Science Degree Requirements

Courses	Units
Entry Path Courses (path determined by SCS)	2 ¹
<i>Clinical Entry Path -or-</i>	
CIS 313 Telecommunications & Computer Networks	
CIS 317 Introduction to Database Systems	
<i>Technologist Entry Path</i>	
MED INF 401 American Health Care System	
MED INF 402 Introduction to Clinical Thinking	
Core courses	7
PUB HLTH 302 Introduction to Biostatistics	
MED INF 403 Introduction to Medical Informatics	
MED INF 404 Health Care Enterprise Operations	
MED INF 405 Health Care Information Tech Integration & Standards	
MED INF 406 Decision Support Systems & Health Care	
MED INF 407 Legal, Ethical & Social Issues in Informatics	
MED INF 408 Medical Technology Acquisition & Assessment	
Other required courses	
MED INF 590 Thesis Research ²	1
Total required units:	10³

¹ Students may have been assigned 0-4 units as their track classes

² 05-06 students may take MED_INF 498 'Capstone Project' in substitution for MED_INF 590

³ This is the minimum number of units required for the degree. Students who have completed all other curriculum requirements and have fewer than ten units should complete sufficient additional electives to meet this requirement.

Public Policy and Administration

Master of Arts Degree Requirements

Courses	Units
Core courses	
MPPA 402 Elements of Public Finance & Budgeting	1
MPPA 405 Elementary Statistics for Political Research	1
MPPA 406 Analytic Methods for Public Policy Analysis	1
MPPA 407 Scope and Dynamics of Public Policy	1
MPPA 408 Sociology of Organizations	1
Concentration area courses (choose four electives in one of these areas of concentration)	4
<i>Health Services Policy</i>	
<i>Public Policy</i>	
<i>Public Safety and Security</i>	
<i>Technology and Information Management</i>	
<i>Urban Policy and Planning</i>	
Other Required Courses	
MPPA 590 Thesis Research	1
Four of the following zero-credit professional workshops: ¹	0
MPPA 400-1 Public Sector Strategic Planning and Leadership	
MPPA 400-2 Human Resources Management in the Public Sector	
MPPA 400-3 Public Sector Finance for the Nonfinancial Manager	
MPPA 400-4 Public Sector Information Systems Management	
Total Required Units	10

¹ These workshops are discontinued; the 10-week, one unit MPPA 409 Research & Writing is the substitute if students are lacking one or more workshops.

Sports Administration

Master of Arts Degree Requirements

Courses	Units
Core Courses	7
MSA 400 Sports in the Social Context	
MSA 401 Sports Research Methods & Quantitative Analysis	
MSA 402 Fundamentals of Sports Marketing	
MSA 403 Management and Organization of Sports	
MSA 404 Principles of Sports Finance & Accounting	
MSA 405 Legal & Ethical Issues in Sports Management	
MSA 406 Sports Risk Management	
Concentration area courses (choose two electives in one of these areas of concentration)	2
<i>Sports Management</i>	
<i>Sports Marketing & Public Relations</i>	
Other Required Courses	
MSA 590 Thesis Research or Practicum ¹	1
Total required units:	10

¹ The Practicum is no longer offered. All 05-06 MSA students should complete a capstone.