

**Master of Science in Information
Information Analysis and Retrieval Specialization
Tracking and Planning Sheet (TAPS) - for students entering
Fall 2009**

Name: _____

Email: _____

All students must also complete the MSI Core Requirements and reach a total of 48 credits for the MSI degree. Carry Specialization credit totals and related PEP credits from this sheet over to the MSI Core Requirements and Degree Credit Summary TAP sheet, attached to this document and available at si.umich.edu/msi/taps. **Courses denoted with x will be offered every other year.**

Requirements for Information Analysis and Retrieval Specialization

Students must complete 12 credits from the following list. Note that students may take only one of the two Natural Language Processing courses, either 561 or 761 but not both.

Course #	Title	Term	Credits	Includes PEP Credits	Credits Completed
IAR					
SI-508	Networks: Theory and Application	F	3		
SI-531	Human Interaction in Information Retrieval	F	3		
SI-561x	Natural Language Processing	F09	3		
SI-572	Database Application Design	F	3	2	
SI-583	Recommender Systems	W	1.5		
SI-601	Data Manipulation	W	1.5		
SI-618	Exploratory Data Analysis	W	1.5		
SI-650	Information Retrieval	W	3		
SI-665	Online Searching and Databases	F	3		
SI-708	Networks: Theory and Application	F	3		
SI-760x	Language and Information	W11	3		
SI-761x	Natural Language Processing	F09	3		
SI-767x	Advanced Natural Language Processing and Information Retrieval	W10	3		
<p>Programming Requirement You are required to have 3 credit(s) of Programming or show competence through an exam. Either bring an official transcript as proof to M. Newman, or take 6 credit(s) here at Michigan. The courses below are available to you to help fulfill this requirement.</p>					
SI-539	Design of Complex Web Sites	F/W	3		
SI-543	Programming I (Java)	F	3		
<p>Statistics Requirement You are required to have 3 credit(s) of Statistics or show competence through an exam. Either bring an official transcript as proof to Lada Adamic, or take 3 credit(s) here at Michigan. The courses below are available to you to help fulfill this requirement. For details on waiving the Statistics requirement, visit http://si.umich.edu/statswaiver</p>					
SI-544	Introduction to Statistics and Data Analysis	W	3		
			Total		
_____		Date	_____		
Associate Dean (signature)		Date	_____		
_____		Date	_____		
Auditor (signature)					

**Master of Science in Information
MSI Core Requirements and Degree Summary
Tracking and Planning Sheet (TAPS) - Fall 2009**

Name: _____

Email: _____

Course #	Title	Term	Credits	Includes PEP Credits	Credits Completed
Foundation Courses:					
SI-500	Information in Social Systems: Collections, Flows, and Processing	F			
SI-501	Contextual Inquiry and Project Management	F		3	
SI-502	Networked Computing: Storage, Communication, and Processing <small>(place out policy http://www.si.umich.edu/courses/502/policy/)</small>	F/W			
<p>Distribution Courses (Management, Methods): Distribution courses also on your specialization list can double count for both. Write "DC" in the Credits Completed column if a course is already on your specialization TAPS. Visit http://www.si.umich.edu/msi/msi-reqs.htm to learn more about how to have a distribution requirement waived.</p> <p>Management: 3 Credits from following list (or obtain waiver)</p>					
SI-523	Special Topics: Information and Control	F	3		
SI-530	Principles in Management	W	3		
SI-617	Choice Architecture	W	3		
SI-626	Management of Nonprofit Libraries and Information Services	W	3		
SI-627	Managing the Information Technology Organization	F	3		
SI-638	School Library Media Management	W	3		
SI-663	Entrepreneurship in the Information Industry	F	3		
SI-680	Incentive-Centered Design: Contracting and Signaling	W	1.5		
<p>Research Methods: 3 Credits from following list (or obtain waiver)</p>					
SI-544	Introduction to Statistics and Data Analysis	W	3		
SI-562	Microeconomics for Information Professionals	F	1.5		
SI-563	Game Theory	F	1.5		
SI-601	Data Manipulation	W	1.5		
SI-618	Exploratory Data Analysis	W	1.5		
SI-622	Evaluation of Systems and Services	W	3		
SI-623	Outcome-based Evaluation of Programs and Services	W	3	1	
SI-724	Qualitative Methods	W	3		
SI-840	Research Methods	F	3		
SI-860	Research Methods Course in Experimental Methods	W	3		
<p>External Cognate Courses: 3 Credits (see si.umich.edu/msi/msi-reqs.htm for details on cognate requirement).</p>					
	Course Number & Title	Term	Credits	PEP Credits	Credits Completed
<p>Additional Courses: (credit based internships and/or electives)</p>					
	Course Number & Title	Term	Credits	PEP Credits	Credits Completed

Attach Specialization or Tailored TAP sheet(s) with course/credit details

Total Specialization or Tailored Credits (copy from Specialization TAP sheet) = _____