



UNIVERSITY OF MICHIGAN

MD/MSI DUAL DEGREE PROGRAM

Mission Statement	The mission of the University of Michigan Medical Degree/Masters in Science Information (MD/MSI) Dual Degree Program is to provide opportunities for students to explore and integrate complementary interests and career goals that combine medicine and information. The program offers a unique opportunity to understand the multiple ways in which people, information, and technology interact in the medical environment.		
Program Structure	The University of Michigan MD/MSI Program is a five-year integrated program. Students accepted into the Program will spend their first three years in Medical School, completing the M1, M2, and M3 course work and up to four months of M4 clinical electives. These students will then matriculate to the School of Information to complete the full first year MSI course load as their fourth program year and complete an MSI summer internship between the fourth and fifth program years. In the fifth year, students will spend one semester completing the MD requirements, and the other semester completing the MSI requirements.		
Admission Process for Prospective Medical Students	Applicants may make application to the Medical School and the School of Information at the same time. In this case, each school will independently evaluate the applicant and make their admission decision. If an applicant is applying to the School of Information and has not yet gained admission to the Medical School, the GRE scores will be required.		
Admission Process For Current Medical Students	<p>Students already in the MD program are encouraged to discuss their interest in the MD/MSI Program with the Medical School's Program Coordinator, the Office of Student Programs Counselors, or the Program's Medical School and School of Information Advisors. Current medical students should formally apply to the MD/MSI Program by submitting the Medical School's MD/MSI Intent Form at the end of their M2 year <i>or by October 1st of their M3 year</i>. This form may be obtained from the Program Coordinator (atkinsk@umich.edu). At the time the Intent Form is submitted, students will also submit a written personal statement outlining their goals and reasons for pursuing the MD/MSI degree. Admission to the MD/MSI Program is selective and is not automatic. Applicants are expected to have demonstrated outstanding academic achievement and professionalism in Medical School. Applicants must receive Medical School endorsement for admission to the MD/MSI Program through the Clinical Academic Review Board. This will include rigorous review of the applicant's overall medical school performance, personal statement, and any other relevant materials.</p> <p>Students must also formally apply for the School of Information's deadline (February 1) by completing the standard SI application and fulfilling all listed requirements, including essays, letters of recommendation, and transcripts. Students who apply to both schools at the same time must take the GRE for the School of Information application. Students already admitted to the MD program can submit their MCAT scores in lieu of the GRE for the School of Information application.</p>		
Curriculum	See reverse side.		
Tuition	The Medical School will require seven semesters of tuition, and the School of Information will require three semesters of tuition. Students accepted into the MD/MSI Program will have access to all financial assistance available from both the Medical School and School of Information.		
Correspondence and Information	<i>For Program Information</i> Kathleen L. Atkins Ofc. Medical Education 3808 Medical Science II U. Michigan Medical School Ann Arbor, MI 48109-0608 Telephone: 734-763-3265 Fax: 734-936-1190 Email: atkinsk@umich.edu	<i>Medical School Faculty Advisor</i> William F. Bria, M.D. Clinical Information Systems UMH Information & Network Serv. B1240 Taubman Ctr. 1500 E. Medical Center Drive Ann Arbor, MI 48109-0308 Email: wbria@med.umich.edu	<i>School of Information Program</i> C. Olivia Frost, Ph.D. Associate Dean and Professor School of Information 1085 South University Avenue Ann Arbor, MI 48109-1107 Telephone: 734-647-3576 Email: cfrost@umich.edu

CURRICULUM

Year 1 Standard M1 Curriculum	<p>Semester 1: Patient and Populations, Cells & Tissues, Musculoskeletal, Cardiovascular/Respiratory, Renal, Social and Behavioral Issues in Medicine, Clinical Foundations of Medicine.</p> <p>Semester 2: GI/Liver, Endocrine/Reproduction, Immunology. CNS/Head & Neck, Infectious Diseases/Microbiology, Human Growth & Development, Clinical Foundations in Medicine, Social and Behavioral Issues in Medicine.</p> <p>Suggested: <i>Summer between M1 and M2 Year: Internship at UM Health System or other relevant experience.</i></p>
Year 2 Standard M2 Curriculum	<p>Semester 1: Cardiovascular, Respiratory, Renal, Psychiatry, Neurosciences, Musculoskeletal, Dermatology, Clinical Foundations in Medicine, Social and Behavioral Issues in Medicine.</p> <p>Semester 2: Hematology/Oncology, GI, Endocrine, Reproduction, Clinical Foundations in Medicine, Social and Behavioral Issues in Medicine, M2 CCA.</p> <p>Required <i>Complete Step 1 of the United States Medical Licensing Examination.</i></p>
Year 3 Required M3 Clinical Clerkships (May-April)	<p>Sequence will vary: Internal Medicine (12 weeks); General Surgery and Pediatrics (8 weeks each); Obstetrics & Gynecology and Psychiatry (6 weeks each); Neurology, Family Medicine (4 weeks each), Seminars in Medicine (year long).</p> <p>Required <i>May-August between M3 and SI-1 Year: Complete up to four months of M4 clinical electives (total M4 requirements = 7 months), the USMLE Step 2 examinations (clinical knowledge and clinical skills), and the M4 Comprehensive Clinical Assessment.</i></p>
Year 4 Standard SI-1 Curriculum	<p>Semester 1: Use of Information –SI 501, Social Systems and Collections-SI 504, SI Elective, SI Elective.</p> <p>Semester 2: Choice and Learning-SI 502, Search and Retrieval-SI 503, SI Elective SI Elective.</p> <p><i>Summer after SI-1 Year (between Program Year 4 and 5): Students will complete a three-month internship during the summer after their SI-1 year to gain additional real world experience. MD/MSI Program students will complete a summer internship in a health care-related information setting. The M3 year concludes in late April so MD/MSI students will complete their summer internship during May, June and July.</i></p>
Year 5 Complete Remaining Medical and School of Information Requirements	<p>Semester 1-Sequence will vary: Subinternship (8 weeks); Emergency Medicine and Applied Clinical Therapeutics (4 weeks each); remaining M4 clinical electives; Interview Month.</p> <p>Semester 2: SI Elective, SI Elective, SI Elective, SI Elective.</p>

In recognition of the interdependency of the degrees, the MD and MSI degrees will be awarded only after the completion of both degree requirements.