

Plan of Study

Pharm.D. / M.S.H.I.A. Joint Degree Plan of Study

The table below displays the Master of Science in Health Informatics and Analytics (M.S.H.I.A.) courses for this degree.

Master of Science in Health Informatics and Analytics		Credit	Offered
Health Informatics and Analytics Core Courses			
PHLT 500	Health Systems, Organizations, and Policy	3	Summer
HIIM 650	Introduction to Health Informatics and Analytics	3	Summer
HIIM 501	Health Informatics Infrastructure	3	Fall
HIIM 502	Electronic Medical Records in Diverse Practice Settings	3	Spring
HIIM 653	Structured/Unstructured Data Design and Analysis	3	Spring
	MSHIA Approved Elective	3	Summer
MHCA 520	Healthcare Project Management	3	Summer
HIIM 600	Managing the Health Informatics System	3	Fall
HIIM 661	Visual Analytics and Predictive Modeling	3	Summer
PHLT 504	Biostatistics for Public Health Professionals	3	Summer
Total Required M.S.H.I.A. Course Credits: 30			

Below is a typical M.S.H.I.A. course sequence for pharmacy students who apply to this joint degree program during their P1 year:

Semester	M.S.H.I.A Courses	Hours*	Total Hours**
P1 Fall	No M.S.H.I.A. courses	-	16
P1 Spring	No M.S.H.I.A. courses	-	18
P1 Summer	HIIM 650 Introduction to Health Informatics and Analytics ^a PHLT 500 Health Systems, Organizations, and Policy ^a	6	9 ^b
P2 Fall	HIIM 501 Health Informatics Infrastructure	3	18 ^c
P2 Spring	HIIM 653 Structured/Unstructured Data Design and Analysis	3	20 ^c
P2 Summer	MHCA 520 Healthcare Project Management PHLT 504 Biostatistics for Public Health Professionals HIIM 661 Visual Analytics and Predictive Modeling	9	12 ^d
P3 Fall	HIIM 600 Managing the Health Informatics System	3	20 ^c
P3 Spring	HIIM 502 Electronic Medical Records in Diverse Practice Settings	3	14 ^e - 19 ^f
P4 Summer	MSHIA Approved Elective	3	14 ^e - 19 ^f
P4 year ^g	PHRX 681 Health Informatics and Analytics APPE	5	

*Credit hours per course

**Total credit hours per semester

a = Pharmacy students in another School of Public Health joint degree program also are enrolled in this course.

b = In addition, the PHAR 330 IPPE course will be completed in the summer semester (first 3 weeks).

c = If no PHAR didactic elective is taken during this semester.

d = In addition, the PHAR 430 IPPE course will be completed in the summer semester (3 weeks).

e = The unscheduled APPE course is during this semester.

f = If all APPE blocks of this semester are scheduled during this semester.

g = Pharmacy students will complete the PHAR 615 Applied Pharmacy Research and Service (APRS) project in place of the M.S.H.I.A. Research project. The PHAR 615 APRS topic must have an informatics focus.

The course schedule for pharmacy students who apply for this Master's program during their P2 year will be tailored to complete as many M.S.H.I.A. courses before the P4 year. The remaining M.S.H.I.A. courses will be completed after graduating from the PharmD program.