

PHARMACY – PHARM.D. WITH HEALTH INFORMATICS – M.S.

The School of Pharmacy will interview pharmacy students who express interest in the M.S. degree in health informatics. An online admission application for the program is required to facilitate enrollment, but the School of Pharmacy grants formal approval.

The deadline for submitting the application is June 1 of each year; decisions will be made by July 1 of each year. Selection will be based on the following criteria:

- For pharmacy students starting in the second year:
 - Minimum G.P.A. of 3.5 or ranked at the top 10 percent of the class.
- For pharmacy students starting in the first year:
 - Minimum G.P.A. of 3.5 or ranked at the top 10 percent of the class.
 - Evidence of past coursework in informatics.

First Year

		Units
RELT 706	Adventist Beliefs and Life	2
RXEE 580	Introductory Pharmacy Practice Experience–Community I	3
RXPC 561	Pharmaceutical Care I	4
RXPS 501	Pharmaceutical Calculations	2
RXPS 502	Pharmaceutics I	4
RXPS 503	Pharmaceutics II	3
RXPS 541	Foundations of Biomedical Science I	4
RXPS 542	Foundations of Biomedical Science II	4
RXRX 500A	Professional Development	1.5
RXRX 500B	Professional Development	1.5
RXSA 547	Pharmacy Law	2
RXSA 555	Epidemiology and Public Health	3
RXSA 650 ¹	Biostatistics	3
RXTH 560	Pharmacist-Guided Self Care	5
RXTH 570	Introduction to Disease Management	2.5

Second Year

RELE 705	Ethics in Pharmacy Practice	3
RELR 709	Christian Perspectives on Death and Dying	2
RXDI 664	Drug Information and Literature Evaluation	3
RXEE 680	Introductory Pharmacy Practice Experience–Community II	2
RXEE 690	Introduction to Hospital Pharmacy Practice	2
RXPS 543	Foundations of Biomedical Science III	4
RXPS 544	Foundations of Biomedical Science IV	4
RXPS 610	Pharmacokinetics	4
RXRX 600A	Professional Development	1.5
RXRX 600B	Professional Development	1.5
RXSA 646	Principles of Management	3
RXSA 751	Social-Behavioral Aspects of Pharmacy Practice	3
RXTH 671	Fluids and Electrolytes	2

RXTH 674	Renal and Respiratory Diseases	3.5
RXTH 683	Endocrine	3.5
RXTH 684	Cardiovascular I	3.5
RXTH 685	Cardiovascular II	3.5

Health informatics courses:

Autumn Quarter:

HLIF 510	Health-Care Information Systems	4
HLIF 515	The U.S. Health-Care System	4

Winter Quarter:

HLIF 548	Human Computer Interactions	2
HLIF 565	Technical Structures in Health Informatics	3

Spring Quarter:

AHCJ 555	Writing for Health-Care Professionals	3
HLIF 525	Management of Health-Care Data and Information	2
HLIF 545	System Design, Implementation, and Management	3

Summer Quarter:

Third Year

RELE 706	Advanced Ethics in Pharmacy Practice	2
RELT 740	World Religions and Human Health	3
RXEE 790	Introduction to Clinical Pharmacy Practice	2
RXPC 761	Pharmacy Practice I	2
RXPC 762	Pharmacy Practice II	2
RXPC 763	Pharmacy Practice III	4
RXPS 545	Foundations of Biomedical Science V	4
RXRX 700A ³	Professional Development	1.5
RXRX 700B ³	Professional Development	1.5
RXSA 743	Health Systems, Reimbursement, and Pharmacoeconomics	3
RXTH 704	Special Populations	3
RXTH 771	Central Nervous System II	3.5
RXTH 773	Central Nervous System I	3.5
RXTH 774	Gastrointestinal Disorders	2.5
RXTH 775	Oncology	2.5
RXTH 776	Infectious Diseases	7

Health informatics courses:

Autumn Quarter:

HLIF 526	Quality and Performance Improvement for Health Care	2
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HLIF 530	Data Analytics and Decision Support	3
HLIF 555	Health-Care Vendor and Project Management	3

Winter Quarter:

HLIF 520	Data Management: Modeling and Development	3
HLIF 550	Systems Security in Health Care	2

Spring Quarter:

HLIF 540	Leadership Perspectives and Practice	4
HLIF 570	Professional Portfolio	2
HLIF 575 or 584	Capstone Project and Special Topics in Health Informatics	2

Fourth Year

Six (6) of the following eight (8) APPE courses required:

RXEE 821	Advanced Pharmacy Practice Experience I	6
RXEE 822	Advanced Pharmacy Practice Experience II	6

RXEE 823	Advanced Pharmacy Practice Experience III	6
RXEE 824	Advanced Pharmacy Practice Experience IV	6
RXEE 825	Advanced Pharmacy Practice Experience V	6
RXEE 826	Advanced Pharmacy Practice Experience VI	6
RXEE 827	Advanced Pharmacy Practice Experience VII	6
RXEE 828	Advanced Pharmacy Practice Experience VIII	6
Total Units:		218.5

¹ Fulfills AHRM 514 Biostatistics for M.S. degree in health informatics.

² 700-level religion courses taken in the PharmD program will satisfy the religion requirement for the M.S. degree in health informatics.

³ The combination of RXRX 700A Professional Development and RXRX 700B Professional Development fulfills the service learning requirement.

Normal time to complete the program

Four years (13 academic quarters); full-time enrollment required