Doctor of Health Informatics

Requirements for Graduation

Total Credits Required to Graduate: 54 credits

Full-Time Mode: Students must register for at least 3 courses (9 credits) each Fall and Spring from the following list of courses.

Part-Time Mode: Students must register for at least 2 courses (6 credits) each Fall and Spring from the following list of courses.

International Students: Students must register for at least 3 courses (9 credits) each Fall and Spring from the following list of courses**. Of the three at least two should be on-campus while the third can be online**. On-Campus courses will have suffix E001 (eg: BINF5035E001) while Online courses have a suffix E00W (eg: BINF5035E00W).

Students are strongly recommended to check the course schedule using https://shp.rutgers.edu/registrar/course-schedule/ to determine the available courses each semester as also the prerequisites (if any) required for them.

Brief course descriptions are provided for each course and are available at https://shp.rutgers.edu/health-informatics/doctor-of-health-informatics/#curriculum and should be consulted by each student before registering for a course in the curriculum

DOCTOR OF HEALTH INFORMATICS (DHI)

Requirements for Graduation				Program Director: Shankar Srinivasan PhD	
Course No	**Section Campus/Online**	**Course Title**	**Credit**	**Prerequisites**	**Semester Offered**
		CORE - Choose 5 Courses (15 credits)			
BINF5513		Cybersecurity in Healthcare	3		SP
BINF5125		Machine Learning	3	Python	SP
BINF5035		Biostatistics	3		FA/SP
BINF5311		Electronic Health Records	3		FA
BINF5325		Clinical Decision Support Systems	3		FA/SP
BPHE5310		Scientific Concepts and Research Design	3		FA
BINF5210		SAS Applications in Health Informatics	3		FA
BINF5131		Health Finance Systems	3		FA/SP
BINF5230		Translational Informatics and Biomarkers	3		SP
BPHE7620		Scientific Writing	3		SP
BINF5312		Health Information Processing	3	Python	SP
BINF5145		Diseases and Systems	3		FA
BINF5020		Data Science for Health Informatics	3	Python	FA
BINF5040		Biomedical Information Processing	3		FA/SP
BINF5005		Health Information Systems	3		FA
BINF5520		Health Data Analytics	3		FA/SP
BINF5100		Introduction to Biomedical Informatics	3		SU
BINF5075		Clinical Trial Data Management	3		SP
Health Data Analytics Track: Choose 4 Courses (12 credits)				**Track Advisor: Shankar Srinivasan PhD**	
BINF7510		Clinical Decision Making and Decision Analysis	3		FA
BINF7560		Health Information Systems Integration	3		SP
BINF7520		Clinical Data Analysis and Predictive Techniques	3		SP
BINF7570		Health Care Outcomes Measurement and Research	3		FA

| BINF7550 | Medical Image Processing and Image Analysis | 3 | | SP |
| BINF5900 | Data Science Programming | 3 | Python | SP |

Health Information Management Track: Choose 4 Courses (12 credits) — **Track Advisor: Dasantila Sherifi PhD**

Code	Course	Credits		Term
BINF7530	Health Care Database Management Systems	3		TBD
BINF7560	Health Information Systems Integration	3		SP
BINF7520	Clinical Data Analysis and Predictive Techniques	3		SP
BINF7570	Health Care Outcomes Measurement and Research	3		FA
BINF5900	Data Science Programming	3	Python	SP
BINF7550	Medical Image Processing and Image Analysis	3		SP

Pharmacoinformatics Track: Choose 4 Courses (12 credits) — **Track Advisor: Doreen Waldron Lechner PhD**

Code	Course	Credits		Term
BPHE7005	Pharmacoinformatics	3		FA
BPHE6700	Special Topics in Clinical Trials	3		SP
BINF7520	Clinical Data Analysis and Predictive Techniques	3		SP
BINF7570	Health Care Outcomes Measurement and Research	3		FA
BINF5900	Data Science Programming	3	Python	SP
BINF7550	Medical Image Processing and Image Analysis	3		SP

Doctoral Courses

Code	Course	Credits		Term
BINF7540	Health Research Methods	3		FA/SP
BINF7700	Literature Review	3		FA/SP
BINF7600	Seminar on Representations and Algorithms	3		FA/SP
BINF8001	**Doctoral Project**	18		FA/SP
BINF8002				
BINF8003				
	TOTAL	54		

Consult School and program policy regarding specific requirements.

Student Name (printed): _____

Track: _____

Signature: _____
I agree to complete these courses for graduation.

Please return signed copy to: **Office of Enrollment Services, 65 Bergen street, Room #149, Newark, NJ 07107-3001**

Office use only : Term: _____   Published on **11/02/2023**

Student Disclaimer:
The database of course description is updated continuously throughout the year. It may be different than your "requirements for the graduation"(RG) form you signed at the time of admissions for which you are held accountable. Please use this site as a reference source and your RG as your official contract.