

Program Code BS_PH

Major Code D101

Attributes: BSPH = Pre-Med, BSP3 = Pre-Med 3+4, BSP4 = Pre-Med 4+4

FIRST YEAR SEMINAR		
Course	Credits	Frequency
UNIV 1000: First Year Seminar	3	
Total First Year Seminar Credits	3	
GENERAL EDUCATION REQUIREMENTS		
Area/Course	Credits	Frequency
<u>Written Composition</u>		
6 credits at or above COMP 1500		
COMP 1500 College Writing	3	
COMP 2000 Advanced College Writing	3	
<u>Mathematics</u>		
6 credits at or above MATH 1040		
Math 1040 or higher	3	
Math 2020 Applied Statistics	3	
<u>Arts & Humanities</u>		
6 credits in HIST, ARTS, PHIL, HUMN, LITR, THEA, FILM, MUSC, DANC, WRIT, foreign language, SPCH		
Open Arts & Humanities	3	
Open Arts & Humanities	3	
<u>Social & Behavioral Sciences</u>		
6 credits in PSYC, SOCL, ANTH, ECN, COMM, GEOG, GEST, INST, POLS		
Open Social and Behavioral Sciences	3	
Open Social and Behavioral Sciences	3	
<u>Science</u>		
6 credits in BIOL, MBIO, CHEM, SCIE, ENVS, PHYS, NEURO		
Open Science	3	
Open Science	3	
Total General Education Credits	30	

Total Open Electives Credits 30

* See 4 year plan of study for BSHI/DC

MAJOR		
Course	Credits	Frequency
BSHI 1001 Principles of Health Informatics	3	FW
BSHI 1002 Overview of the US Health Care System	3	FW
BSHI 2001 Principles of Health Care Quality	3	FW
BSHI 2002 Legal and Ethical Issues in Health Informatics	3	FW
BSHI 3001 Electronic Health Records	3	FW
BSHI 3002 Health Informatics Security	3	FW
BSHI 3005 Health Informatics Seminar	3	FW
BSHI 4001 Health Informatics Internship I	3	FW
BSHI 4002 Health Informatics Internship II	3	FW
TECH 1110 Technology in the Information Age	3	FW
TECH 2010 Excel at Spreadsheets	3	FW
TECH 2020 Programming for Everyone	3	W
TECH 3100 Introduction to Data Science	3	F
Major Electives (choose from electives below)*	18	Varies
Total Major Credits	57	

MAJOR ELECTIVES		
Select from the following major electives		
BSHI 2004 Health Information Exchange	3	F
BSHI 2006 Principles of Management/Leadership in Health Care Organizational	3	F
BSHI 2008 Principles of Health Information Technology Governance	3	W
BSHI 2010 Principles of Project Management in Health Care	3	F
BSHI 3004 Bioinformatics	3	W
BSHI 3006 Public Health Informatics	3	F
BSHI 4004 Health Informatics Research Methods	3	W
BSHI 4006 Independent Study in Health Informatics	1,2 or 3	FWS
CSIS 2000 Introduction to Database Systems	3	W
CSIS 2101 Fundamentals of Computer Programming	4	FW
CSIS 3020 Web Programming and Design	3	F
CSIS 3500 Networks and Data Communication	3	F
CSIS 4010 Computer Security	3	F
CSIS 4311 Web Services and Systems	3	W
CSIS 4351 Human-Computer Interaction	3	W
Total Elective Credits	18	
Total Major Credits	57	
Total Credits BSHI	120	

*Students are permitted to take 9 of the 18 major electives from the following course prefixes: BPH, BSHN, and HAWC (or one of the designated elective courses in the College Computing and Engineering (courses part of BSHI major electives)

Frequency Key: F-Every Fall; W-Every Winter; S - Every Summer; FO - Odd Year Fall; FE - Even Year Fall; WO - Odd Year Winter; WE - Even Year Winter