

## FULL PROPOSAL FOR NEW UNDERGRADUATE PROGRAM

### **Sample of a 4-Year Plan: Health Informatics B.S.**

#### **Northern Kentucky University**

This is **one way** a student can complete this program in four years if the student requires no developmental courses.

**MAJOR: Health Informatics**

FIRST YEAR	Fall Semester		Spring Semester	
	BIS 101 Computer Literacy and Informatics	3	INF 120* or INF 110 Programming	3
	ENG 101* College Writing	3	Gen Ed: Self and Society* (BIS 111)	3
	MAT 109 Algebra for College Students	3	CMST 101* Public Speaking or CMST 110*	3
	Gen Ed: Self and Society* (INF 128)	3	Gen Ed: Culture and Creativity*	3
	(CHE 112) Gen Ed: Science*	3	Gen Ed: Cultural Pluralism*	3
	HIN 101 Introduction to Health Informatics	1		
	<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>15</b>
SECOND YEAR	Fall Semester		Spring Semester	
	INF 282 Introduction to Databases	3	HIN 275 Healthcare Information Management and Revenue Cycle	3
	BIO 208L Human Anatomy and Physiology I Gen Ed Science with Lab*	4	BIO 209L Human Anatomy and Physiology II	4
	BIS 275 – Introduction to Business Analysis	3	BUS 230 Legal Environment or PHI 210 or PHI 220 Ethics	3
	HIN 200 Introduction to Healthcare Operations	3	STA 205 or STA 212 Statistics*	3
	BIO 272 Medical & Biological Terminology.	3	ENG 291* Advanced College Writing	3
	<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>16</b>
THIRD YEAR	Fall Semester		Spring Semester	
	BIS 300 Management Information Systems	3	BIS 380 Quantitative Analysis with Excel	3
	HIN 355 Foundations of Health Informatics	3	HIN 356 Health Information Management	3
	BIS 310 Information System Analysis	3	BIS 330 IT Project Management	3
	Gen Ed: Culture and Creativity*	3	HIN 382 – Healthcare Info Privacy & Security	3
	INF 284 Introduction to Networks and Data Communication	3	HIN or BIS Elective #1	3
	<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>15</b>
FOURTH YEAR	Fall Semester		Spring Semester	
	CMST 403 Health Communication	3	BIS 384 Business Analytics	3
	HIN 450 Healthcare Quality Mgmt.	3	HIN 485 HIN Capstone	3
	BIS 430 Workflow Design & Management	3	BIS 435 Database Management Systems	3
	HIN or BIS Elective #2	3	HIN or BIS Elective #3	3
	Gen Ed: Global Viewpoints*	3		
	<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>12</b>
<b>GRAND TOTAL OF CREDITS</b>				<b>120</b>
General education classes *		Note: An Information Systems Minor is embedded in this Degree		