

CARLOW UNIVERSITY
COLLEGE OF HEALTH AND WELLNESS
JANUARY 2019

Health Care Data Analytics Program Advisement Curriculum Guide Sheet – Students Beginning Fall 2018 in Carlow Compass Curriculum

Student Name _____

Student ID# _____

Compass	FRESHMAN YEAR - FALL COURSES	Done	Credits	Compass	FRESHMAN YEAR - SPRING COURSES	Done	Credits
	Connecting to Carlow		1				
SKW	101 Foundations of Writing		3		IT 250 Information Technology I		3
	HIM 102 Medical Terminology		2	SKC	Communication Course		3
NW	BIO 110 Organismal Biology or BIO 157 Contemporary Biology		4	SJ	SO 152 Intro to Soc or SO 215 Family & Society (covers breadth)		3
	HIM 101 Intro to HIM		3		149 Contemplation & Action (Wisdom or Expression Breadth Recommended)		3
	148 Critical Exploration (Wisdom or Expression Breadth Recommended)		3	SKQ	Quantitative Reasoning		3
	GPA Total		16		GPA Total		15
SOPHOMORE YEAR - FALL COURSES				SOPHOMORE YEAR - SPRING COURSES			
	IT 143 Microsoft Access		1		Elective		1
	IT 117 Microsoft Excel		1	NW	BIO 208 A&P II or BIO 202 (pre: BIO 201)		4
	HIM 202 Electronic Health Record		3	NW	MAT 115 Statistics		3
NW	BIO 207 A&P I or BIO 201 (Covers natural world breadth)		4		Breadth Experience – Wisdom or Expression		3
SKW	102 Writing Course		3		HIM 206 Legal Aspects of Electronic Records		3
	HIM 205 or BSM 305 HealthCare Finance		3				
	GPA Total		15		GPA Total		14
JUNIOR YEAR - FALL COURSES				JUNIOR YEAR - SPRING COURSES			
	Breadth Experience – Wisdom or Expression		3		HIM 302 Health Informatics and Analytics		3
	HIM 301 Health Informatics Topics		3		HIM 303 Health Data Statistics (pre: Stats HIM 203, 205)		3
NW	BIO 307 Pathophysiology I (Covers Depth Experience)		2	NW	BIO 308 Pathophysiology II		2
	HIM 203 Clinical Classification Systems I		4		HIM 204 Clinical Classifications Systems II		4
	CM 370 Communication in HC (Pre: SKC or SKW)		3		IT 372 Information Security		3
	GPA Total		15		GPA Total		15
SENIOR YEAR - FALL COURSES				SENIOR YEAR - SPRING COURSES			
JA	HIM 405 Topics in Clinical Research and Population Health		3		HIM 401 Topics in Health Quality and Regulation		3
	HIM 402 Health Care Leadership and Management Issues		3		NU 451 Intro to Epidemiology		3
SJ	NU/POL 420 Legal, Ethical, Political Issues		2	ESJ	HIM 406 Topics in Personalized Medicine		3
	HIM 403 Health Data and Information Governance		3		HIM 407 PPE Professional Practicum		4
	HIM 404 Health Care Project Management		3		Breadth Experience – Wisdom or Expression		3
	GPA Total		14		GPA Total		16

Total Credits = 120

Courses in **bold** are new Health Information Management and Analytics Courses.

*IT 250 A first course in information systems that introduces students to the fundamental concepts related to the use of IT in organizations from a managerial perspective. Students will learn to recognize the strategic value of IT and will become familiar with the different ways in which IT is used in organizations (e.g. enterprise systems, business intelligence). Students will also learn IT skills to improve their personal productivity. The course has been designed to also include hands-on activities, mainly in the areas of databases, Web design, and e-commerce. Students will prepare a business

Breadth Courses (Need at least two courses in each area)
Wisdom:
Expression:
Natural World:
Social Justice

case to propose and justify an IT initiative in a real organization. This course has been designed as a stand-alone portal course in IT for majors in all disciplines. 3 credits PREREQUISITES: CC 100 or SKW 101 CC 101 or SKC 101, OR PERMISSION FROM THE DEPARTMENT CHAIR.

Carlow Compass Curriculum as it applies to HIM Majors:

Courses Needed:

Critical Exploration (3cr - 148)

Contemplation & Action (3cr - 149)

Connecting to Carlow (1cr)

Skills Courses (3cr each)

- Writing
- Speaking
- Quantitative reasoning

Breadth Experience Clusters (See graphic below)

- Four cluster areas: Natural world, Expression, Social Justice, Wisdom
- Students are to have at least two courses in each cluster
- Natural World courses will be covered through courses required by HIM major (for example NW is covered by BIO 201, BIO 202, MAT 115, BIO 307, etc.)
- Social Justice courses will be covered through courses required by HIM major (for example: SO 152 or SO 215, NU/POL 420)
- Students will need courses to cover Expression and Wisdom Clusters
 - o Students will register for courses that cover Expression and Wisdom when registering for Freshman Contemplation & Action, as well as other "Breadth Experience" designated courses.

Depth Experience (3cr)

- The depth experience will be covered through BIO 307 and BIO 308

Junior Anchor Course (3cr)

- This course will be covered through **HIM 405**

Major Capstone (3cr)

- This will be covered through **HIM 407 (Professional Practicum)**

Ethics & Social Responsibility experience (3cr)

- This course will be covered through **HIM 402**

