

***Nell Hodgson Woodruff School of Nursing  
M.S. Healthcare Analytics Full Time Plan of Study  
Full-Time 3 Semesters (Fall or Spring Start)***

<b>Semester 1: Session 1</b>	<b>Course</b>	<b>Credits</b>
HCDA 511	Introduction to Health Care Analytics	3
HCDA 516	Artificial Intelligence and Humanities: Ethical, Legal, and Social Implications	3
<b>Semester 1: Session 2</b>		
HCDA 512	Data Analytics for Population Health	3
HCDA 517	Introduction to R and Data Visualization and Description (Tool Course 1)	2
HCDA 521	Introduction to Statistical Concepts and Methods using R (Tool Course 2)	2
	<b>Semester Total</b>	<b>13</b>
<b>Semester 2: Session 1</b>		
HCDA 611	Introduction to Python for Data Acquisition and Visualization (Tool Course 3)	2
HCDA 616	Databases, SQL and NoSQL (Tool Course 4)	2
<b>Semester 2: Session 2</b>		
HCDA 612	Health Care Analytics and Health Systems	3
HCDA 617	Machine Learning Methods (Tool Course 5)	2
HCDA 618	Natural Language Processing (Tool Course 6)	2
	<b>Semester Total</b>	<b>11</b>
<b>Semester 3: Session 1</b>		
HCDA 650	Health Care Analytics Capstone Project 1	3
<b>Semester 3: Session 2</b>		
HCDA 651	Health Care Analytics Capstone Project 2	3
	<b>Semester Total</b>	<b>6</b>
	<b>Program Total</b>	<b>30</b>