

	<b>Spalding University Health Informatics -Minor 2020-2021</b>			
	Name:		Address:	
	ID Number:			
	Email:		Contact #:	
<b>Required Courses</b>				
Term	Grade	Course		Credit Hrs.
		HS302	Introduction to Health Informatics	3
		HS301	Medical Terminology	3
		HS445	US Health Care System	3
		BA220	Computer Applications	3
		BA320	Computerized Data Analysis	3
		MSBC614	Data Visualization and Storytelling*	3
<i>*Prior to registering for any MSBC class, the student must be admitted to MSBC program</i>				18

**HS301 Medical Terminology (3 credits)**

This assessment is designed as a student-centered on-line computer-based competency assessment that measures your knowledge of medical terminology. Medical Terminology is an essential building block for health care professionals. Your success within various practice settings requires demonstration of this content knowledge. You will complete all the components of the assessment process, print out, and submit a summary report.

**HS302 Intro to Health Informatics (3 credits)**

This course examines the history of healthcare informatics, current issues, basic information concepts, and health information management systems. The use of technology to help make decisions and to improve the health status of the individual, family, and community will be emphasized. The course will explore the roles of a health information professional, an introduction to legal aspects of insurance billing and the role of the State Insurance Commission.

**BA-220: Computer Applications (3 credits)**

This course introduces the student to the use of computers within a university setting and business context, including features and techniques of word processing, spreadsheet, and database software. The student will also become familiarized with the University Portal, the University Learning Platform, and the online class experience.

**BA-320: Computerized Data Analysis (3 credits)**

This course provides instruction in advanced features and techniques of Excel and Access software for data analysis and decision making. This course also provides an introduction to the fundamentals of information systems in organizations. The course examines the role of computers, databases, and technology in managing the business organization and examines their integration with other functions such as production, marketing and finance. Prerequisite: [BA-220](#)

**MSBC614 Data Visualization & Storytelling (3 credits)**

This course will cover the fundamentals of the research process with a special emphasis on effective data-driven storytelling. Students will learn how to detect and articulate the stories behind data sets and communicate data findings in visual, oral, and written contexts for various audiences. Students will become familiar with associated tools.

**HS445 US Health Care System (3 credits)**

This course explores the US. Health System focusing on historical development, current configuration and possible future directions. Includes study of health system development, key influencers, accessibility, financing, changing components and the effects of the system on patients, providers, financiers, government, insurers, and society. Role of population health management and public health is explored, including impact of social, cultural, economic, and environmental factors on health care systems and practices.