

DMS 231 Vascular Sonography II

Prerequisite: Introduction to Vascular Sonography

Credit Hours: 4

This course will increase your knowledge and Doppler skills of the cerebrovascular, extremities, abdominal vasculature, transcranial, plethysmography, segmental, ABI's, aortic aneurysms, IVC imaging, venous Doppler evaluation with compression and augmentation, Allen test, Laser vein ablation, radio frequency, invasive vs. noninvasive testing, carotid imaging and evaluation, Raynaud's testing, and all vascular Sonography procedures. Lab scanning and exam competencies will be performed in the lab setting.

DMS 234 Sonography and Physics Registry Review

Prerequisite: DMS 211 Sonography Physics & Instrumentation

Credit Hours 2

This course will provide a detailed review of principles of the production and propagation of sound waves as applied to diagnostic medical Sonography. Included will be acoustic physics, Doppler shift, acoustic parameters, waveform interference and Doppler ultrasound principles. This course will prepare the student for the SPI physics registry.

DMS 250 Sonography Registry Review

Prerequisite: DMS 205 Sonography Sectional Anatomy & Pathology I, DMS 207 OB/GYN Sonography Procedures, DMS 231 Vascular Sonography Procedures

Credit Hours: 6

This course is broken down into three areas that will review all necessary subject matter of normal vs. diseased anatomy, functions, pathology, physiology, sectional abdominal anatomy, OB/GYN, vascular, and small parts to better prepare students to sit for registry exam.

Economics

ECON 101 (2249) Issues in Today's Economy

Prerequisite: None

Credit Hours: 3

Issues in Today's Economy is designed to be a practical guide to the economy for non-majors. The course emphasizes important current issues in both the macro and micro economy such as inflation, unemployment, taxes, healthcare, energy policy, crime, terrorism and the global economy.

ECON 203 (2241) Macroeconomics KRSN ECO1020**

Prerequisite: None

Credit Hours: 3

Introduces the student to the principles of macroeconomics. The course will cover the economic theories involved in explaining the behavior of the entire economy. Topics will include supply and demand, the relationship between economic activity with the money and banking system, unemployment, inflation, productivity, economic growth, economic fluctuations and international trade.

ECON 204 (2242) Microeconomics KRSN ECO1010**

Prerequisite: None

Credit Hours: 3

Introduces the student to the principles of microeconomics. The course will cover such topics as consumer choice, supply and demand relationships in markets, the theory of the firm within perfect competition, monopoly, monopolistic competition, and oligopoly market structures, the labor market, income inequality and government intervention in markets.

Education

EDUC 107 (0823) Administration & Organization of a Child Care Program

Prerequisite: None

Credit Hours: 3

*Refer to the Placement Testing Procedure 3.22, page 25 ** Refer to Course Transfer, page 20