Health Science (HAV, HAN)
Major in Health Science

School of Health Technology and Management

Information and program requirements for the major in Health Science may be found in the Health Sciences Bulletin, available online at http://www.stonybrook.edu/hsbulletin/schools/health-tec-management/degrees-programs.php#Health Science, BS
HAN

Health Sciences

HAN 200: Human Anatomy and Physiology for Health Science I
This is the first course in a two-part sequence that introduces the study of human anatomy and physiology at cell, tissue, and organ system levels of organization, with emphasis on understanding disease processes associated with systems. Laboratory sessions include virtual on-line exercises designed to illustrate principles learned and computer simulations in physiology and anatomy dissection. G/P/NC grade option is not available. Open to non HSC students.

Prerequisite: one natural science course

DEC: E
SBC: SNW
4 credits

HAN 202: Human Anatomy and Physiology for Health Science II
This is the second course in a two-part sequence that continues the study of human anatomy and physiology. Topics include the endocrine system, blood composition, the cardiovascular system, the lymphatic system, the immune system, the respiratory system, the digestive system, nutrition, the urinary system, the reproductive system, fluid, electrolyte, acid-base balance and heredity. Laboratory sessions entail virtual online exercises designed to illustrate principles learned and computer simulations in physiology and anatomy dissection. G/P/NC grade option is not available. Open to non-HSC students.

Prerequisite: HAN 200

DEC: E
SBC: STEM+
4 credits

HAN 251: Research Methods in Health Science
Provides a foundation in quantitative, qualitative and mixed methods research design and methods. Emphasizes the relationship between literature review and the research process and the elements of a research proposal. Applies research designs and methods to case study research projects. Requires on-line CITI training in the protection of human subjects. (G/P/NC grade option is not available). Open to non HSC students.

3 credits

HAN 312: Human Anatomy, Health and Medical Language

Develops a deeper knowledge of human anatomy and a working medical vocabulary the applies to clinical scenarios. Builds on a foundation of anatomy and physiology. Emphasizes the interrelationships among human anatomy, body systems, pathophysiology and clinical medicine. Introduces the medical professionals and the technology utilized to diagnose and treat patients. G/P/NC grade option is not available. Open to non-HSC students.

Prerequisite: HAN 200 or ANP 300

3 credits