

## Stony Brook University PA Post-Professional Masters Program Summer 2013 (Term 1136) Course Offerings

Session C = May 28-July 3  
 Session D = July 8-August 15  
 Session M = July 1 – August 16 (no class on July 4)

Session Z = May 28-July 18 (no class on July 4)  
 Session 0 (zero) = May 23-August 16

**Please Note:** All of these courses can be used as electives in the PA Post-Professional Masters Program, but only some of them also apply to either the Advanced Certificate Program in Nutrition or the Advanced Certificate Program in Health Care Management

**Bold** indicates required course in the PA Post Professional Masters Program

\*indicates elective courses applicable to the Advanced Certificate in Health Care Management program

\*\*indicates elective courses applicable to the Advanced Certificate in Nutrition program

<sup>P</sup> indicates course prerequisites noted on page 2 and 3

*For HAS courses, permission to enroll must be requested by sending your name, SB ID and course name to frances.shaw@stonybrook.edu prior to registering for the course. Please register for summer courses as soon as possible to avoid late registration fees and closed courses.*

Course #	Class #	Session Code	Course Name	Days/ Times	Instructor	Location
HFN 500	66176	C	Survey of Nutrition Concepts**	Online	L. Holbrook	-
HAS 578	66135	C	Leadership in Health Care*	Monday and Wednesdays 5:00-8:40 pm	F. Sganga	LI State Veterans Home
<b>HAP 511</b>	<b>60095</b>	<b>D</b>	<b>Pharmacology Seminar for Physician Assistants</b>	<b>Online</b>	<b>J. Hoffman</b>	-
HFN 510	66178	M	Issues and Trends in Nutrition** <sup>P</sup>	Online	L. Holbrook	-
HFN 512	66177	M	Macronutrients and Metabolic Regulation <sup>P</sup>	Online	R. Grattan	-
<b>HAS 545</b>	<b>60115</b>	<b>Z</b>	<b>Ethics and Health Care*</b>	<b>Online</b>	<b>E. Gilmartin</b>	-
HAS 531	60119	Z	Healthcare Delivery Systems*	Online	A. Cooper	-
HAS 534	60114	Z	Fundamentals of Health Care Management*	Online	C. Pitocco	-
HAS 570	66134	Z	Business Aspects of Managed Care* <sup>P</sup>	Online	J. Fouassier	-
HAP 538	66154	Z	Clinical and Psychosocial Aspects of Palliative Medicine	Online	N. Dimitrov	-
HFN 516	66175	0	Advanced Nutrition in Clinical Practice II** <sup>P</sup>	Online	J. Connolly-Schoonen	-

## Course Descriptions (3 credits each)

### **HAP 511      Pharmacology Seminar for Physician Assistants**

The Clinical Pharmacology Seminar for Physician Assistants is an online web-based course using Blackboard and provides an opportunity for physician assistants to enhance their ability to rationally prescribe pharmaceuticals. Major components of the course include assigned readings, web-based topic presentations, case study review, and online discussions. At the completion of this course, students will have deepened their understanding of how to appropriately select medications in various clinical settings, with knowledge of their potential advantages, disadvantages and relative costs.

### **HAP 538      Clinical and Psychosocial Aspects of Palliative Medicine**

This course will provide students with knowledge and skills relevant to the practice of hospice and palliative medicine. This involves care of patients at all stages of progressive disease, including symptom management, restoration and maintenance of quality of life, with a focus on patient-directed goals. Coordination of services and care, using a holistic, team-based model and communication tools will also be explored. This course will be open to any healthcare professional who has an interest or work experience in hospice and palliative medical care. The course will be taught in a distance-learning format and offered in weekly sessions.

### **HAS 531      Healthcare Delivery Systems**

This course is designed to provide an overview of the health care delivery enterprise in the United States and to provide students with an understanding of the various forces which shape this enterprise. The course also includes cases studies in health care and how they have shaped the United States health care system. The dynamics of care, evolving public and private regulations and guidelines, and rapid technological advances will be discussed.

### **HAS 534      Fundamentals of Health Care Management**

Provides an overview of managing health care in a changing environment. The course reviews areas such as, external and internal environments, planning, organizing, implementing and evaluating services, leadership, organization change, and social responsibility.

### **HAS 545      Ethics and Health Care**

This course, designed for health care professionals (providers, educators, and managers), provides an overview of the ethics of health care in a rapidly changing society. Students learn how to approach ethical dilemmas using theoretical frameworks and decision-making processes. Ethical issues surrounding health care reform and public health policy, including distribution of resources and rationing of services, are explored. Through the use of case studies, students are introduced to other health topics, such as euthanasia, reproduction, transplants, and HIV/AIDS, from an ethical perspective. The course also includes a review of classic cases in health care ethics and how they have shaped health policy, an overview of patient education and ethics, and a discussion on the professional codes of ethics and standards. ***Not for credit in addition to HAP 545 or HAY 545.***

### **HAS 570      Business Aspects of Managed Care**

The course is designed to introduce the student to and expand on their knowledge base, as it relates to the business and financial aspects of the Managed Care delivery system. Trends in the financing of health care will be explored, as well as the practical application of developing and writing a formal business plan. (*Prerequisite: HAS 544 Principles of Managed Care*).

### **HAS 578      Leadership in Health Care**

The organization of the future requires more than traditional management to remain successful and competitive in our rapidly changing world. This course will focus on the future role of the leader in the emerging society of organizations, while drawing on lessons learned from the past, in both theory and practice. The impact of leadership on the future quality of our lives, our businesses, our learning institutions and society in general, will be examined. Students will learn from first hand accounts the leaders' experiences and the different challenges facing private, public and non-profit organizations. The difference between management skills and leadership skills will be defined as well as strategies for balancing and developing each skill set.

**HFN 500 Survey of Nutrition Concepts**

This online course is designed to introduce students to the fundamentals of nutrition science. Dietary sources and functions of macro and micronutrients are reviewed, as well as the basics of their metabolism and their impact on disease prevention, energy balance and common health problems.

*(Prerequisite: Physiology)*

**HFN 510 Issues and Trends in Nutrition**

This online course will provide an overview of current and emerging issues in food and nutrition with a focus on topics that impact nutrition recommendations for patients or the public. Students will explore how these trends may shape patient recommendations and barriers to implementing such recommendations. Students will also examine the disconnect between the research and current food policy, as well as existing evidence to support broad-based change to alleviate chronic disease risk and soaring health care costs.

*(Prerequisite: Physiology, HFN 500 Survey of Nutrition Concepts, or equivalent upon approval)*

**HFN 512 Macronutrients and Metabolic Regulation**

This online course is designed to promote an in depth understanding of the role of macronutrients in human health and nutrition. The digestion, absorption and metabolism of carbohydrates, proteins and fats and the relationship of energy metabolism will be extensively studied.

*(Prerequisite: Physiology, HFN 500 Survey of Nutrition Concepts, or equivalent upon approval)*

**HFN 516 Advanced Nutrition in Clinical Practice II**

The second half of this two part online course will further explore medical nutrition therapy for gastrointestinal disorders, liver and pancreatic disease, metabolic disorders, psychiatric and behavioral disorders, pulmonary disease, renal dysfunction, cancer, metabolic stress, surgery and infection. The principles and practices of enteral and parenteral nutrition will be covered. *(Prerequisite: HFN 515 Advanced Nutrition in Clinical Practice I)*