

Stony Brook University

School of Health Technology and Management
Physician Assistant Post Professional Masters Program

Fall 2021 Course Offerings (Term 1218)

(course descriptions follow on the next page; schedule is subject to change)

Session A August 23 – December 16, 2021
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Bold courses are Required Core Courses for the PA Post-Professional Masters Program

(all others can be used as electives in the PA Post-Professional Program)

* Required course for current students in the Advanced Certificate in Nutrition Program

** Elective course in the Advanced Certificate in Nutrition Program

Course	Class	Session	Course Name	Days/Times	Instructor
HAP 557	95664	A	Introduction to Clinical Informatics	Online	P. Cuartas
HAP 559	95665	A	Complementary and Integrative Medicine	Online	N. Dimitrov
HAP 588	93501	A	Practicum (contact Professor Timko-Swaim for details; proposal must be received by 7/31/21)	Online	L. Timko-Swaim or N. Dimitrov

Contact Lynn Timko-Swaim at lynn.timko-swaim@stonybrook.edu if you have any difficulty enrolling in any of the following courses. Send me your name and SBU ID number and a request for enrollment. I may need to request access for your enrollment.

Course	Class	Session	Course Name	Days/Times	Instructor
HAS 534	93567	A	Fundamentals of Health Care Management	Online	S. Carpio

For the following HFN Advanced Certificate in Nutrition Program courses, there is limited space and you must contact Sharon Schmidt at Sharon.schmidt@stonybrookmedicine.edu or 631-638-2132 to request permission to enroll.

Course	Class	Session	Course Name	Days/Times	Instructor
HFN 502	93466	A	Contemporary Issues in the Global Food System**	Online	R. Zimmer
HFN 514	93464	A	Micronutrients and Functional Nutrition ^P	Online	S. Everett
HFN 515	93465	A	Advanced Nutrition in Clinical Practice* ^P	Online	A. Berggren

Course Descriptions

HAP 557 Introduction to Clinical Informatics

(Elective for the PA PPMP)

This course introduces health care professionals to concepts surrounding clinical information systems and the practical applications of these concepts. The course also gives an overview of the Clinical Informatics field including definitions, theory, technologies, and workflows. The course content will focus on topics related to the delivery of health care within the realm of the electronic medical record systems, including policy, leadership, regulatory affairs and administration. (3 credits)

HAP 559 Complementary and Integrative Medicine

(Elective for PA PPMP)

This course will examine the theory, philosophy, and applications of complementary and integrative medicine within today's health care system. Students will learn about the many alternatives to traditional Western or allopathic medicine, and how these various models, systems, and therapies impact on the delivery of health care in the United States. Students will be expected as a result of their increased knowledge to be able to respond to patients/consumers' requests for information on the use of these therapies. Throughout the course, an evidence-based approach will be emphasized; students will be expected to be aware of the clinical research being done in these areas, and understand how the research is classified. Students will learn how to access the vast array of resources that are available; in learning about the numerous therapies/modalities, they will understand how to incorporate these therapies into their own practice. This course will be taught in an online format. (3 credits)

HAP 588 Practicum

(Elective for PA PPMP)

This course is designed to give Physician Assistant (PA) Post-Professional Masters Program (PPMP) students the opportunities to apply theories and skills learned in the program. A limited number of students are allowed to develop a practicum project that is uniquely designed to meet his/her needs. Students will plan and implement a project within one of the following areas: 1) research, 2) administration and management, 3) education, 4) leadership/professional development or 5) professional writing. The project must be negotiated with and approved by the Program Director. Acceptable projects must include design, implementation and analysis phases as well as a bibliography. Once the project is accepted, the Program Director will identify an appropriate mentor and assist in the development of a practicum proposal between the student and the mentor. Enrollment is open to PA PPMP students only by permission of the Program Director. The course is worth 3 credits but may be repeated no more than once. [Practicum proposal and form can be found at the end of this document and **must be** submitted 4 weeks prior to start of term.](#)

HAS 534 Fundamentals of Health Care Management

(Elective for PA PPMP)

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. (3 credits)

HFN 502 Contemporary Issues in the Global Food System

(Course can be applied toward the Advanced Certificate in Nutrition or PA PPMP as an elective)

Every plate of food around the world tells a story. Is there sufficient nutrition? How far has the food traveled? Who can afford it? Will the food promote health or chronic disease? Which multi-national corporation delivered it? This online course explores why food matters and how our food choices impact the planet. We will travel around the world examining food security, hunger and malnutrition, food waste, agricultural practices, economic challenges and environmental concerns including climate change. Students will gain the ability to evaluate local and global food issues through case studies worldwide. Course materials will draw on published research and popular media. Assignments will be shaped by the student's academic and professional interests.

(3 credits)

HFN 514 Micronutrients and Functional Nutrition

(Course can be applied toward the PA PPMP as an elective)

This online course is designed to promote an in depth understanding of the role of micronutrients in human health and nutrition. The digestion, absorption and metabolism of vitamins and minerals will be extensively studied. **(Prerequisite: HFN 512 Macronutrients and Metabolic Regulation or equivalent upon approval)**

(3 credits)

HFN 515 Advanced Nutrition in Clinical Practice I

(Course can be applied toward the Advanced Certificate in Nutrition as a required course or as an elective in the PA PPMP)

This online course will offer the student an opportunity to explore the role of diet and nutrition in the prevention, progression and treatment of chronic diseases. First the role of diet in mediating oxidation and inflammation is reviewed. This is followed with presentations of nutrition therapy for specific conditions, such as obesity, insulin resistance, and cardiovascular disease, as well as issues regarding gut health, food intolerances, and gastrointestinal conditions. Nutrition for cancer prevention and nutrition to support athletic performance is also included. (3 credits)

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

The body of the proposal should be written by the student in consultation with the faculty mentor. It may be any length that is appropriate to the content but should contain, as a minimum the following:

1. A short explanation of the problem/topic to be studied
2. A statement of what the student plans to do including the amount and type of work to be completed. This should be as specific as possible and should indicate the form of the final report or project. Examples of such outcomes include:
 - a. critical review and synthesis of a body of literature
 - b. project in which data is collected and analyzed
 - c. project in which new policies and/or procedures are developed
 - d. Powerpoint presentation for a specified group
3. Timeline for completion of work
4. Method of evaluation
5. Number of credits
6. Number of hours per week to be spent working on project and meeting with mentor (keep in mind that 45 hours of practicum work = 1 credit)

A list of resources the student will consult