

Stony Brook University

School of Health Technology and Management

Physician Assistant Post Professional Masters Program

Fall 2020 Course Offerings (Term 1208)

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

Session A:
 August 24 – December 17, 2020
 (late registration fee applied starting August 24, 2020)

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

^P Course may have a pre-requisite; see course description on following pages

Course	Class	Session	Course Name	Days/Times	Instructor
HAP 541	95369	A	Principles and Practices of Clinical Prevention and Population Health	Online	N. Dimitrov
HAP 588	93594 93675	A	Practicum (contact Professor Timko-Swaim for details; proposal must be received by 7/31/20)	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
HHA 502	93647	A	Health Information Systems and Health Information Technology Essentials	Online	R. Lajmi
HAS 534	93676	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 514	93555	A	Micronutrients and Functional Nutrition ^{***P}	Online	S. Everett
HFN 515	93556	A	Advanced Nutrition in Clinical Practice ^{**P}	Online	J. Connolly/K. Lopez

Course Descriptions

HAP 541 Principles and Practices of Clinical Prevention and Population Health

(Required for PA PPMP)

This course provides clinically practicing physician assistants an in-depth understanding of health promotion, disease prevention and population health and resources for utilization of this information in their clinical practices. The framework for the course consists of four components including evidence base for practice; clinical prevention services-health promotion; health systems and health policy; and community aspects of practice. Includes both individually oriented and population-oriented preventative efforts, as well as interaction between the two. Students will be required to complete a health promotion or disease prevention project relevant to their community or clinical practice. (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.](#)

HHA 502 Health Information Systems and Health Information Technology Essentials

(Elective for PA PPMP)

This course provides a broad but significant immersion into the fields of health information systems and health information technology (HIT). Emphasis on: systems analysis, clinical decision-support, integrated networking and distributed computing technologies, telemedicine applications, mobile applications, cloud computing, architecture and infrastructures, and database and systems administration. (3 credits)

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 514 Micronutrients and Functional Nutrition

(Course can be applied toward the Advanced Certificate in Nutrition or 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. (3 credits)

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

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