

**Stony Brook University**  
**PA Post-Professional Master's Program**  
**Current Course Offerings**  
*(courses are subject to change)*

- **Bold courses are core required courses for the PA Post-Professional Master's Program**  
 (all other courses can be used as electives in the PA Post-Professional Master's Program)
- Asterisk (\*) courses are required in the Advanced Certificate in Nutrition Program
- Double asterisk (\*\*) courses can be used as electives in the Advanced Certificate in Nutrition Program

***Winter 2021 (Term 1211) Course Offerings***

**Winter session (January 5-23, 2021)**

Course	Class	Course Name	Days/Times	Instructor
HAS 578	1470	Leadership in Healthcare	Online	K. Dybus
HFN 503	1413	Nutrition in the Media: Making Sense of the Science	Online	L. Holbrook

***Spring 2021 (Term 1214) Course Offerings***

**Session B (February 1 – May 19, 2021 with no spring break)**

Course	Class	Session	Section	Course Name	Days/Times	Instructor
<b>HAP 554</b>	<b>53383</b>	<b>B</b>	<b>01</b>	<b>Medical and Research Writing for Health Professionals</b>	<b>Online</b>	<b>R. Danielsen</b>
HAP 556	56442	B	01	Teaching Strategies	Online	L. Timko-Swaim
HAP 588	53384 53458	B B	01 02	Practicum (Contact Lynn for details – practicum proposal and form must be submitted prior to 1/8/21 – see last page of this document for forms)	Online	N. Dimitrov L. Timko-Swaim
HAS 530	53445	B	01	Healthcare Operations	Online	S. Carpio

Advanced Certificate in Nutrition Program Courses have limited space; prior to enrolling, to ensure availability,  
 Contact: [Sharon.Schmidt@stonybrookmedicine.edu](mailto:Sharon.Schmidt@stonybrookmedicine.edu) or 631.638.2132

HFN 500	53294	B	01	Survey of Nutrition Concepts* <a href="#">Prerequisite: Physiology</a>	Online	J. Antino
HFN 505	53291	B	01	Current Topics: Maternal and Child Nutrition ** <a href="#">Prerequisite: HFN 500</a>	Online	L. Holbrook
HFN 512	53298	B	01	Macronutrients and Metabolic Regulation** <a href="#">Prerequisite: HFN 500</a>	Online	S. Everett
HFN 520	53297	B	01	Advanced Communication and Counseling** <a href="#">Pre-requisite: HFN 500</a>	Online	G. Popivich Hymowitz

For enrollment information for this course in the Public Health Program,  
 Contact: [joanmarie.maniaci@stonybrook.edu](mailto:joanmarie.maniaci@stonybrook.edu) or 631.444.2074

HPH 585	53317	B	01	Intro to Biostatistics and Epidemiology	Online	T. Philip
---------	-------	---	----	---	--------	-----------

Continue to next page for course descriptions

## Course Descriptions

### **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 of 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 skill sets for each. (3 credits)

### **HFN 503 Nutrition in the Media: Making Sense of the Science**

This online course will increase students' awareness of the pervasive nature of food and nutrition messaging, and the varied motivations behind them. Basic concepts related to nutrition and food science will be presented along with the skills and resources needed to critically evaluate future issues and trends in nutrition. Topics to be discussed include popular supplements, fad diets, common chronic diseases and related dietary recommendations, sustainable food practices and food labeling. (3 credits)

### **HAP 554 Medical Writing for Health Professionals**

This course prepares students to write and edit the components of a research proposal, journal article or clinical case review. Students will review required components for research proposals and practice writing and editing components and other assigned essays. This course examines, in practical terms, the elements required for successful publication. This course will be offered in an online format. (3 credits)

### **HAP 556 Teaching Strategies**

This course provides an overview of the principles associated with effective teaching. Students will combine theory and practice while developing teaching skills that promote learning and diversity within a variety of educational settings. Topics covered in this course emphasize the practical aspects of teaching and include teaching models, student learning styles, course objectives, learning outcomes evaluation, teaching evaluation and classroom ethics. Students will be required to complete a final project that will be presented, discussed and evaluated in class. (3 credits)

### **HAP 588 Practicum**

This course is designed to give Physician Assistant (PA) Post-Professional Master's 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.

### **HAS 530 Health Care Operations**

This course addresses the operations within health care institutions from the macro to the micro levels of management. It analyzes philosophy and significant occurrences affecting health care operations in the past, present, and future. Divisions within health care operations (clinical, support and informational services, nursing, finance, and ambulatory care) will address the following aspects of management: financial forecasting and monitoring, staffing, employee productivity and morale, customer service, cost containment, decision making, total quality management, and managed care. Emphasizes hospital operations, and presents nursing home and community health care center operations. (3 credits)

### **HFN 500 Survey of Nutrition Concepts**

This 3 credit 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. (3 credits)

*(Prerequisite: Physiology)*

**HFN 505      Current Topics: Maternal and Child Nutrition**

This course will provide an overview 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. (3 credits) *(Prerequisite: HFN 500)*

**HFN 512      Macronutrients and Metabolic Regulation**

This 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. (3 credits) *(Prerequisite: HFN 500)*

**HFN 520      Advanced Communication and Counseling**

This online course examines the role of professionals in promoting general health and wellness for individuals and groups in a community setting. Application of key theoretical models of behavior change and evidence-based intervention strategies are explored. Strategies and skills in counseling the individual client and group are examined and applied. Additional topics include techniques for communicating nutrition information to the public, the media and ensuring cultural competence. (3 credits) *(Prerequisite: HFN 500, or equivalent upon approval)*

**HPH 585      Introduction to Biostatistics and Epidemiology**

This course is an introduction to the principles of statistical methods and epidemiology and their application in the health sciences. The student will develop a basic understanding of statistics, epidemiology, and interpretation of research studies in order to communicate risk and scientific evidence to colleagues and the public, directly or through the press. (3 credits)

Students are required to complete and submit a practicum proposal AND practicum proposal form to the Program Director **at least 4 weeks prior to the start of the semester** or module in which the work will be completed.

\_\_\_\_\_

<i>Student Last Name</i>	<i>First Name</i>	<i>Middle Initial</i>	<i>SBU ID Number</i>
--------------------------	-------------------	-----------------------	----------------------

Title of Project: \_\_\_\_\_

Project Format: \_\_\_\_\_

Statement explaining how this course fits into the overall academic curriculum and objectives of this student:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Practicum credits completed to date \_\_\_\_\_

Practicum credits requested \_\_\_\_\_

Academic period for project \_\_\_\_\_

Deadline for completion \_\_\_\_\_

Human subjects required?  Yes (attach copy of approval)  No

.....

I agree to complete this project under the specified conditions on or before the deadline date.

\_\_\_\_\_

Student signature	Date
-------------------	------

.....

I have reviewed this project proposal and agree that it has academic value. The student can be reasonably expected to complete the project in the available time frame. The nature and extent of the supervision is appropriate and the criteria to be used for the final evaluation are adequate.

\_\_\_\_\_

Signature of faculty mentor	Date
-----------------------------	------

\_\_\_\_\_

Signature of student advisor	Date
------------------------------	------

\_\_\_\_\_

Signature of program director	Date
-------------------------------	------

.....

Approved: \_\_\_\_\_

Signature, Dean – SHTM	Date
------------------------	------

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