Stony Brook University (revised June 26, 2019)
School of Health Technology and Management
Physician Assistant Post Professional Masters Program
Summer 2019 Course Offerings (Term 1196)
(course descriptions follow on the next page; schedule is subject to change)

<table>
<thead>
<tr>
<th>Session C: May 28 – July 6, 2019</th>
<th>Session D: July 8 – August 17, 2019</th>
<th>Session 0: May 20 – August 17, 2019</th>
</tr>
</thead>
</table>

**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 Health Care Management Program

*° Elective course for the current students in the Advanced Certificate in Health Care Management Program

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

*** Elective course in the Advanced Certificate in Nutrition Program

1 Course does not count toward the Advanced Certificate in Nutrition requirements but can be used as elective in the PA PPMP

<table>
<thead>
<tr>
<th>Course</th>
<th>Class</th>
<th>Session</th>
<th>Course Name</th>
<th>Days/Times</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAP 511</td>
<td>65163</td>
<td>C</td>
<td>Clinical Pharmacology Seminar for Physician Assistants</td>
<td>Online</td>
<td>G. Cohan</td>
</tr>
<tr>
<td>HAP 541</td>
<td>66203</td>
<td>D</td>
<td>Principles &amp; Practices of Clinical Prevention and Population Health</td>
<td>Online</td>
<td>N. Dimitrov</td>
</tr>
<tr>
<td>HAP 557</td>
<td>65957</td>
<td>D</td>
<td>Introduction to Clinical Informatics *°</td>
<td>Online</td>
<td>P. Cuartas</td>
</tr>
</tbody>
</table>

For the following HAS courses, students who are not currently enrolled in the Advanced Certificate in Health Care Management Program but want to enroll in a course, must request permission to enroll by sending an email with your NAME, SB ID# and NAME OF COURSE to brooke.ellison@stonybrook.edu prior to registering for the course.

<table>
<thead>
<tr>
<th>Course</th>
<th>Class</th>
<th>Session</th>
<th>Course Name</th>
<th>Days/Times</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAS 535</td>
<td>TBD</td>
<td>C</td>
<td>Essentials of Health Care Finance °</td>
<td>Online</td>
<td>S. Carpio</td>
</tr>
<tr>
<td>HAS 545</td>
<td>65170</td>
<td>D</td>
<td>Ethics and Health Care*</td>
<td>Online</td>
<td>E. Gilmartin</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Class</th>
<th>Session</th>
<th>Course Name</th>
<th>Days/Times</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFN 500</td>
<td>65673</td>
<td>D</td>
<td>Survey of Nutrition Concepts**</td>
<td>Online</td>
<td>TBD</td>
</tr>
<tr>
<td>HFN 503</td>
<td>65682</td>
<td>C</td>
<td>Nutrition in the Media: Making Sense of the Science †</td>
<td>Online</td>
<td>L. Holbrook</td>
</tr>
<tr>
<td>HFN 510</td>
<td>65675</td>
<td>D</td>
<td>Issues and Trends in Nutrition** (Prerequisite HFN 500)</td>
<td>Online</td>
<td>L. Holbrook</td>
</tr>
<tr>
<td>HFN 512</td>
<td>65674</td>
<td>0</td>
<td>Macronutrients and Metabolic Regulation *** (Prerequisite HFN 500)</td>
<td>Online</td>
<td>S. Everett</td>
</tr>
<tr>
<td>HFN 520</td>
<td>65676</td>
<td>0</td>
<td>Advanced Communication and Counseling***</td>
<td>Online</td>
<td>G. Hymowitz</td>
</tr>
</tbody>
</table>
Course Descriptions

HAP 511  Clinical Pharmacology Seminar for Physician Assistants  
(Required Core Course: PA PPMP)  
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. (3 credits)

HAP 541  Principles and Practices of Clinical Prevention and Population Health  
(Required Core Course: 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 557  Introduction to Clinical Informatics  
(Elective in PA PPMP and in the Advanced Certificate in Healthcare Management Program)  
This online 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)

HAS 535  Essentials of Health Care Finance  
(Elective in PA PPMP and in the Advanced Certificate in Healthcare Management Program)  
The course is designed to introduce the student to those types of financial decisions that health care executives are most likely to be involved with, and to provide material that will help them understand the conceptual basis and mechanics of financial analysis and decision-making as it pertains to health care. Prerequisite: Finance, accounting course or equivalent. (3 credits)

HAS 545  Ethics and Health Care  
(Required Core Course in PA PPMP and in the Advanced Certificate in HC Management Program)  
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. (3 credits)

**HFN 500  Survey of Nutrition Concepts**  
(Elective course in PA PPMP and also an Advanced Certificate Program in Nutrition requirement)
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. (3 credits) Prerequisite: Physiology

**HFN 503  Nutrition in the Media: Making Sense of the Science**  
(Elective course in the PA PPMP – this course does not count toward the Advanced Certificate Program in Nutrition)
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)

**HFN 510  Issues and Trends in Nutrition**  
(Elective course in PA PPMP and also an Advanced Certificate Program in Nutrition requirement)
This online course will provide an overview of current and emerging issues in food and nutrition
including topics that impact nutrition recommendations for patients. Course material will also
include trends in health care organizations as it relates to food and nutrition service delivery.
Students will explore how these trends may shape patient perceptions of favorable and unfavorable
dietary choices, as well as food availability via market trends. (3 credits)
Prerequisite: HFN 500, or equivalent upon approval

**HFN 512  Macronutrients and Metabolic Regulation**  
(Elective course in PA PPMP and in the Advanced Certificate in Nutrition Program)
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.
(3 credits) Prerequisite: HFN 500

**HFN 520  Advanced Communication and Counseling**  
(Elective course in PA PPMP and in the Advanced Certificate in Nutrition Program)
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)