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
- Asterisk (*) course can be used as elective in the Advanced Certificate in Health Care Management Program
- Double asterisk (**) course can be used as elective in the Advanced Certificate in Nutrition Program

### Spring 2017 (Term 1174) Course Offerings

<table>
<thead>
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<tbody>
<tr>
<td>Course</td>
<td>Class</td>
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<tr>
<td>HAP 541</td>
<td>55452</td>
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<tr>
<td>HAP 554</td>
<td>55451</td>
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<tr>
<td>HAP 588</td>
<td>55524</td>
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</tbody>
</table>

For the following HAS courses, students who have not applied to 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 NAME, SB ID # and NAME OF COURSE to frances.shaw@stonybrook.edu PRIOR to registering for the course(s).

<table>
<thead>
<tr>
<th>Course</th>
<th>Class</th>
<th>Session</th>
<th>Section</th>
<th>Course Name</th>
<th>Days/Times</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAS 531</td>
<td>55556</td>
<td>B</td>
<td>01</td>
<td>Healthcare Delivery Systems*</td>
<td>Mondays 5:30-8:30 pm</td>
<td>A. Cooper</td>
<td>TBA</td>
</tr>
<tr>
<td>HAS 538</td>
<td>57332</td>
<td>B</td>
<td>01</td>
<td>Health Economics and Public Policy*</td>
<td>Online</td>
<td>C. Paglen</td>
<td>NA</td>
</tr>
<tr>
<td>HAS 544</td>
<td>70176</td>
<td>B</td>
<td>01</td>
<td>Principles of Managed Care*</td>
<td>Online</td>
<td>F. Caruso</td>
<td>NA</td>
</tr>
<tr>
<td>HAS 554</td>
<td>57331</td>
<td>B</td>
<td>01</td>
<td>Marketing in Health Services*</td>
<td>Online</td>
<td>F. Burke</td>
<td>NA</td>
</tr>
<tr>
<td>HAS 576</td>
<td>57341</td>
<td>B</td>
<td>01</td>
<td>Workplace 2020*</td>
<td>Online</td>
<td>S. Carpio</td>
<td>NA</td>
</tr>
<tr>
<td>HAS 592</td>
<td>57297</td>
<td>B</td>
<td>01</td>
<td>Special Topics in Health Policy: Managing Conflict*</td>
<td>Thursdays, 6-9 pm</td>
<td>C. Vidal</td>
<td>TBA</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
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<th>Session</th>
<th>Section</th>
<th>Course Name</th>
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<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFN 500</td>
<td>55685</td>
<td>B</td>
<td>01</td>
<td>Survey of Nutrition Concepts**</td>
<td>Prerequisite: Physiology</td>
<td>Online</td>
<td>J. Antino</td>
</tr>
<tr>
<td>HFN 505</td>
<td>55682</td>
<td>B</td>
<td>01</td>
<td>Current Topics: Maternal and Child Nutrition **</td>
<td>Prerequisite: HFN 500 Survey of Nutrition Concepts</td>
<td>Online</td>
<td>L. Holbrook</td>
</tr>
<tr>
<td>HFN 512</td>
<td>70207</td>
<td>B</td>
<td>01</td>
<td>Macronutrients and Metabolic Regulation</td>
<td>Prerequisite: HFN 500 Survey of Nutrition Concepts</td>
<td>Online</td>
<td>S. Everett</td>
</tr>
</tbody>
</table>

For additional information on this Course in the Public Health Program,
Contact: joanmarie.maniaci@stonybrook.edu or 631.444.2074

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<thead>
<tr>
<th>Course</th>
<th>Class</th>
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<th>Section</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>HPH 585</td>
<td>54560</td>
<td>B</td>
<td>01</td>
<td>Intro to Biostatistics and Epidemiology (4 credits)</td>
<td>Online</td>
<td>C. Gallagher</td>
<td>NA</td>
</tr>
<tr>
<td>HPH 551</td>
<td>70132</td>
<td>B</td>
<td>01</td>
<td>Practice of Health Communications</td>
<td>Online</td>
<td>J. Manganello</td>
<td>NA</td>
</tr>
<tr>
<td>HPH 555</td>
<td>70133</td>
<td>B</td>
<td>01</td>
<td>Demography and Global Health</td>
<td>Tuesdays, 5:30-8:30 pm</td>
<td>L. Hale</td>
<td>L3,155, HSC</td>
</tr>
</tbody>
</table>
HAP 541  Principles and Practices of Clinical Prevention and Population Health
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 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 588  Practicum
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.

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. Can be used towards the Advanced Certificate in Health Care Management. (3 credits)

HAS 538  Health Economics and Public Policy*
The contents of the course will present an in depth analysis of the effects of economic principles on health care and the effect of health policy and economic forces on the health care delivery system. Students will be taught to use these concepts to analyze health policy and improve the delivery of health care services. The effect of changes in market forces, manpower needs, and formation of integrated delivery systems, health promotion initiatives and the impact of technology will be studied. Can be used towards the Advanced Certificate in Health Care Management. (3 credits)

HAS 544  Principles of Managed Care*
This class provides an in-depth understanding of the meaning of managed care in the context of the United States health care system. The class will also review the history, components, and various organizational forms of managed care systems. Potential benefits, inherent limitations, and the legal, social, and ethical implications of managed care as a health care delivery system will be discussed. Can be used towards the Advanced Certificate in Health Care Management. (3 credits)

HAS 554  Marketing in Health Services*
This course provides an introductory explanation of marketing as a requisite component of modern business. While presenting the basic principles and general philosophies of marketing, the course concentrates on the importance of marketing in health care service delivery in a managed care environment. Can be used towards the Advanced Certificate in Health Care Management. (3 credits)

HAS 576  Workplace 2020*
This course provides an overview of the issues affecting the American workplace in the year 21st century. Discusses issues in context of health care environment as students learn how to forecast and plan for changes in the industry and their particular workplaces. Explores issues of technological advances, diversity, quality improvement, customer service and organizational change. The course will emphasize the student's professional development by focusing on the competencies and attitudinal changes necessary to plan for their own career success and contribute to the success of their organization. Can be used towards the Advanced Certificate in Health Care Management. (3 credits)
HAS 592  Special Topics in Health Policy Managing Conflict*
One of the major concerns of healthcare professionals and social workers is conflict in institutions, organizations, workplace settings, and residential communities. This course is designed to help students recognize and understand the impact of conflict on the dynamics of healthcare and social work environments. In this course, we will explore the various types of conflict, as well as the concepts of negotiation, arbitration, and mediation, which serve as valuable intervention strategies. Both didactic and experiential learning strategies will be utilized. Upon completion of this course, students will be able to analyze conflict situations and decide what interventions to use to reduce, contain, or heighten the conflict situation. This course is designed to rely upon the tenets of healthcare, public health, and social work, including social determinants of health, oppression, and institutional structures. As a result, conflict will be looked at as both a public health and organizational challenge. As a result, we will investigate how oppressive conditions are present in conflict situations and consider possible ways of dealing with them. Can be used towards the Advanced Certificate in Health Care Management. (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)

HPH 551  Practice of Health Communications
This course is designed to provide an overview of a variety of areas related to communication and public health. The course will introduce theories concerning health communication, and provide introductions to topics including interpersonal and organizational health communication, risk communication, media campaigns and media effects on health. The course will also look at advertising and health, as well as explore the ways that technology (e.g. internet) impacts health. Cultural differences and ethical issues with respect to communication and health will be covered throughout the semester. Students will develop writing, presentation and research skills, as well as media literacy skills. (3 credits)

HPH 555  Demography and Global Health
This course introduces students to the basic theory and methods employed in the study of demography. The students will understand life table methodology, population projection, sources of demographic data, patterns in global fertility and mortality, the demographic transition, current patterns infertility, marriage and work, abortion and contraception, and fertility/mortality relationships. (3 credits)

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. (4 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.

<table>
<thead>
<tr>
<th>Student Last Name</th>
<th>First Name</th>
<th>Middle Initial</th>
<th>SBU ID Number</th>
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</table>

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