Current Course Offerings  
(courses are subject to change)

Please read all notations carefully

- Bold courses are core courses for the PA Post-Professional Masters Program
- Asterisk (*) courses can be used as electives in the Advanced Certificate in Health Care Management Program
- Double asterisk (**) courses can be used as electives in the Advanced Certificate in Nutrition Program

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**Fall 2015 (Term 1158) Course Offerings**

**Session A (August 24 – December 16, 2015)**

**Session G (August 24 – December 11, 2015)**

**Session O (September 28 – February 5, 2016)**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Class #</th>
<th>Session Code</th>
<th>Section #</th>
<th>Course</th>
<th>Day/Time</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAP 505</td>
<td>94540</td>
<td>A</td>
<td>01</td>
<td>Contemporary Issues in Health Care Delivery</td>
<td>Online</td>
<td>L. Timko-Swaim</td>
<td>N/A</td>
</tr>
<tr>
<td>HAP 552</td>
<td>94727</td>
<td>O</td>
<td>01</td>
<td>Evidence Based Medicine: Evaluating and Applying Clinical Research</td>
<td>Online</td>
<td>P. Kuemmel N. Dimitrov</td>
<td>N/A</td>
</tr>
<tr>
<td>HAP 557</td>
<td>TBA</td>
<td>A</td>
<td>01</td>
<td>Introduction to Clinical Informatics*</td>
<td>Online</td>
<td>P. Cuartas</td>
<td>N/A</td>
</tr>
<tr>
<td>HAP 588</td>
<td>94537</td>
<td>A</td>
<td>01</td>
<td>Practicum (Practicum proposal and form must be submitted 4 weeks prior to start of term)</td>
<td>Online</td>
<td>L. Timko-Swaim</td>
<td>N/A</td>
</tr>
</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 HAS course as an elective must request permission to enroll by sending an email with your NAME, SB ID # and NAME OF COURSE to frances.shaw@stonybrook.edu PRIOR to registering for the course(s).

<table>
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<tr>
<th>Course #</th>
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<tbody>
<tr>
<td>HAS 530</td>
<td>96386</td>
<td>A</td>
<td>01</td>
<td>Health Care Operations*</td>
<td>Tuesday 5:00 – 8:00pm</td>
<td>T. Jospe</td>
<td>HSC</td>
</tr>
<tr>
<td>HAS 534</td>
<td>94835</td>
<td>A</td>
<td>01</td>
<td>Fundamentals of Health Care Management*</td>
<td>Online</td>
<td>F. Burke</td>
<td>N/A</td>
</tr>
<tr>
<td>HAS 538</td>
<td>94527</td>
<td>A</td>
<td>01</td>
<td>Health Economics and Public Policy*</td>
<td>Online</td>
<td>C. Paglen</td>
<td>N/A</td>
</tr>
<tr>
<td>HAS 545</td>
<td>94823</td>
<td>A</td>
<td>01</td>
<td>Ethics and Health Care*</td>
<td>Online</td>
<td>B. Ellison</td>
<td>N/A</td>
</tr>
<tr>
<td>HAS 556</td>
<td>94548</td>
<td>A</td>
<td>01</td>
<td>Foundations of Health Care Quality Management*</td>
<td>Online</td>
<td>C. Gomes</td>
<td>N/A</td>
</tr>
<tr>
<td>HWC 547</td>
<td>96640</td>
<td>A</td>
<td>01</td>
<td>Managing Conflict*</td>
<td>Thursday 6:00 – 9:00pm</td>
<td>C. Vidal</td>
<td>HSC</td>
</tr>
</tbody>
</table>

**HFN courses have limited space; prior to enrolling, to ensure availability, contact Sharon.Schmidt@stonybrookmedicine.edu or 631-638-2132.**

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<tbody>
<tr>
<td>HFN 502</td>
<td>96624</td>
<td>G</td>
<td>01</td>
<td>Contemporary Issues in the Global Food System¹</td>
<td>Online</td>
<td>B. Halweil</td>
<td>N/A</td>
</tr>
<tr>
<td>HFN 514</td>
<td>95589</td>
<td>G</td>
<td>01</td>
<td>Micronutrients and Functional Nutrition¹</td>
<td>Online</td>
<td>TBA</td>
<td>N/A</td>
</tr>
<tr>
<td>HFN 515</td>
<td>95590</td>
<td>G</td>
<td>01</td>
<td>Advanced Nutrition in Clinical Practice ¹² (see prerequisite on following page)</td>
<td>Online</td>
<td>J. Connolly-Schoonen</td>
<td>N/A</td>
</tr>
</tbody>
</table>

¹This course can be used as an elective in the PA PPMP but cannot be used as an elective in the Advanced Certificate in Nutrition Program.
HAP 505   Contemporary Issues in Health Care Delivery
This course provides clinically practicing physician assistants an overview of important information and trends in health care delivery in the twenty first century. Lecture content will include topics such as health care delivery, emergency response preparedness, information technology in health care, medical genetics, geriatrics, global health, health law, health literacy and other health care topics as they arise. A variety of teaching methods will be utilized including lecture, case studies and small group discussions. Students will have the opportunity to explore in depth one area of special interest pertinent to the course.

HAP 552   Evidenced Based Medicine: Evaluating and Applying Clinical Research
Provides practicing PAs with the knowledge and skills to develop and evaluate clinical research questions, hypotheses, designs and protocols, and to critically evaluate and analyze scientific and medical journals. Students will learn to conduct computerized searches and literature reviews. Introduces the principles and practice of Evidence-Based Medicine, with emphasis on various types of clinical questions typically encountered in PA practice, and tools available to answer them. Course will focus on student areas of interest, and projects will be based on clinical cases encountered in the student's practice. Students will apply their knowledge of research and EBM by designing a clinical question and conducting and reporting on a thorough literature search on their topic of choice.

HAP 557   Introduction to Clinical Informatics
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. This course can be used as an elective in the Advanced Certificate Health Care Management Program as long as it is 1 of only 2 HAP courses out of 6 for certificate. Students must take HAS 545 Ethics and Health Care and 3 other HAS electives.

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. 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 530  Health Care Operations
This course will address the operations within health care institutions from the macro to the micro levels of management; it analyzes the 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.

HAS 534  Fundamentals of Health Care Management
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.

HAS 538  Health Economics and Public Policy
The contents of the course will be 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, formation of integrated delivery systems, health promotion initiatives and the impact of technology will be studied.

HAS 545  Ethics and Health Care
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.

HAS 556  Foundation of Health Care Quality Management
Introduces health care quality management methodologies and examines their impact on health care productivity, quality and patient safety. Utilizes concepts of performance improvement and continuous process improvement in health care and application of quality concepts to improve clinical outcomes, patient safety, patient satisfaction, financial outcomes, and employee and physician satisfaction. The course emphasizes importance of data usage to monitor performance improvement activities.

HWC 547  Management Conflict
This course is designed to help students recognize and understand the impact of conflict as an area of importance within the scope of your professional practice. The various types of conflicts and the concepts of negotiation, arbitration and mediation as interventive strategies will be considered. Oppressive conditions, structures and processes are considered major determinants of human suffering and individual and social problems; we will examine how these oppressive conditions are present in conflict situations and consider possible ways of dealing with them.
HFN 502    Contemporary Issues in the Global Food System
Taking a multi-disciplinary approach, this 3 credit online course will draw on everything from economics and ecology to sociology, anthropology, and the arts to demonstrate why agriculture and food are the single biggest way that humans touch the planet. Each week, we will examine topics ranging from organic agriculture, school lunch reform, food safety, animal welfare, hunger and food security, farm bill reform, farm-to-school efforts, urban agriculture, food sovereignty and local food economies. Students will gain the ability to evaluate and understand contemporary food issues as they relate to local and global challenges. Course materials will draw on current events, popular media and published research in food and drink, and also be guided by the student’s own interests and particular career needs.

HFN 514    Micronutrients and Functional Nutrition
This 3 credit 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 500, or equivalent upon approval)

HFN 515    Advanced Nutrition in Clinical Practice I
This two part 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.
(Prerequisite: HFN 500, or equivalent upon approval)
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.

Student Last Name  First Name   Middle Initial      SBU ID Number

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 practicum proposal should be written in MS Word. 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)

7. A list of resources the student will consult