FTDR 3999 FULL-TIME DISSERTATION RESEARCH  Credit(s): 00.0
DOCTORAL CANDIDATES WHO HAVE COMPLETED ALL CREDIT REQUIREMENTS FOR THE DEGREE, INCLUDING ANY MINIMUM DISSERTATION REQUIREMENTS, AND ARE WORKING FULL-TIME ON THEIR DISSERTATIONS MAY REGISTER FOR THIS COURSE. WHILE THE COURSE CARRIES NO CREDITS AND NO GRADE, STUDENTS WHO ENROLL IN "FULL-TIME DISSERTATION STUDY" ARE CONSIDERED BY THE UNIVERSITY TO HAVE FULL-TIME REGISTRATION STATUS.

HPM 2001 HLTH POLC & MGT IN PUBLHC HLTH  Credit(s): 03.0
THE CORE COURSE IS DESIGNED TO GIVE STUDENTS AN OVERVIEW OF THE DISCIPLINES AND COMPETENCIES ASSOCIATED WITH THE FIELD OF HEALTH POLICY AND HEALTH CARE MANAGEMENT. UNDERSTANDING THE ROLE OF LEADERSHIP IN A PUBLIC HEALTH ENVIRONMENT IS A UNIFYING THEME IN THIS COURSE.

HPM 2003 POLC DEC MKG PH EMRGY/BIOTERSM  Credit(s): 03.0
THIS THREE-CREDIT GRADUATE COURSE FOCUSES ON PUBLIC HEALTH EMERGENCIES AND BIOTERRORISM AT THE PHASES OF PREPAREDNESS, MITIGATION, AND RESPONSE. THE COURSE EMPHASIZES NOT ONLY BIOLOGICAL AGENTS BUT ALSO ALL HAZARDS WITH PUBLIC HEALTH CONSEQUENCES. IT ADDRESSES THE INTERFACES OF POLICIES AND LAWS IN THE CONTEXT OF FEDERALISM, WHICH REQUIRES INTERACTION AMONG THE FEDERAL, STATE, AND LOCAL LEVELS OF GOVERNMENT. THE COURSE CONSIDERS THE CRITICAL ROLE OF PRIVATE-SECTOR HEALTH CARE PROVIDERS IN ADDITION TO GOVERNMENTAL DECISION MAKERS. STUDENTS EXPLORE PAST EMERGENCIES THROUGH HISTORY AND CASE STUDIES, CONDUCT DIRECTED RESEARCH ON A CHOSEN POLICY ISSUE, AND EXPERIENCE DECISION-MAKING IN THE CONTEXT OF A SIMULATED EMERGENCY BY PLAYING A CHOSEN AND PREVIOUSLY RESEARCHED OFFICIAL ROLE. TEACHING METHODS INCLUDE LECTURES, CASE STUDIES, POLICY RESEARCH AND WRITING, INTERDISCIPLINARY CLASSROOM DISCUSSION, AND SIMULATED DECISION-MAKING.
(The prerequisite is to be currently enrolled in a graduate or professional degree program, but this may be waived by the Course Director.)

HPM 2004 COMP GLBL HLTH SYSTEMS POLICY  Credit(s): 02.0
This two credit course will focus on an understanding of the structures and processes of the health system and the health policies at its foundation from the perspective of "true access" as defined by application of the of the eight-factor model of Lovett-Scott and Prather. The complexity of health systems will be manifest by comparative studies of national health systems ranging from low-to high income nations. A secondary emphasis will be placed on a retrospective analysis of the UN Millennium Development Goals and a prospective view of the UN’s post-2015 Development Goals as an aspirational framework for advocating community development and sustainability with implications for global health policy.
[New course for spring 2016, term 2164.]

HPM 2005 CURRENT ISSUES IN HEALTH LAW  Credit(s): 01.0
Current Issues in Health Law is an interdisciplinary course for students of public health and law. In this course, students will be introduced to cutting-edge issues in public health law, health law and policy. The course focuses on developments in health care and public health, particularly as they affect medically underserved populations, with implications for lawyers and public health practitioners as policy makers. It will also introduce students to the variety of settings in which lawyers and public health practitioners are involved in law. Classes will be taught by leading experts in the field as well as student led discussions.
[New course for fall 2016, term 2171.]

HPM 2010 ORGANIZATION STUDIES: THEORY AND APPLICATIONS TO HEALTH CARE SYSTEMS  Credit(s): 03.0
FOCUS ON THE UNDERSTANDING AND APPLICATION OF FUNDAMENTAL CONCEPTS, PRINCIPLES AND MODELS ASSOCIATED WITH ORGANIZATION THEORY WITHIN HEALTHCARE, REHABILITATION, AND LONG-TERM CARE. CONTENT WILL ENCOMPASS THE TRADITIONAL FOCI OF ORGANIZATION THEORY, E.G., STRUCTURE AND FUNCTIONS, AUTHORITY RELATIONSHIPS, COORDINATION AND CONTROL PROCESSES, AS WELL AS CONSTRUCTS ASSOCIATED WITH RELATED DISCIPLINES OF ORGANIZATION BEHAVIOR E.G. MOTIVATION THEORY, LEADERSHIP, ETC. EMPHASIS ON REALWORLD APPLICATIONS. ORGANIZATION DESIGN IS DISCUSSED IN CONTEMPORARY ORGANIZATION STRUCTURES AND PROCESSES.
INTRODUCTION TO SELECTED FINANCE AND ACCOUNTING TOPICS OF HEALTH CARE PROFESSIONAL, SUPERVISOR & DEPARTMENT HEAD. NO PREVIOUS KNOWLEDGE OF ACCOUNTING OR FINANCIAL MANAGEMENT REQUIRED. FIRST HALF EMPHASIS ON BASIC FINANCIAL ACCOUNTING CONCEPTS TO PROVIDE ORGANIZATION-LEVEL UNDERSTANDING LANGUAGE, CONCEPTS, PROCESSES & FUNCTIONS OF FINANCIAL MANAGEMENT. SECOND HALF EMPHASIZES MANAGERIAL ACCOUNTING PRINCIPLES AND TECHNIQUES INCLUDING COST ACCOUNTING AND BUDGETING. FOCUS SHIFTS TO DEPARTMENTAL LEVEL FINANCIAL MANAGEMENT AND ROLE OF SUPERVISOR PROCESS INCLUDING BUDGET DEVELOPMENT AND CONTROL.

THIS CURRICULUM IS DESIGNED TO EXPAND ON THE CONCEPTS PRESENTED IN THE FINANCIAL MANAGEMENT FOUNDATIONS FOR HEALTH CARE AND PUBLIC HEALTH COURSE (HPM 2012). THE FOCUS OF THE INSTRUCTION WILL BE LESS BOOK-LEARNING AND, INSTEAD, PRIMARILY BE COMPRISED OF REAL-LIFE, PRACTICAL SITUATIONS FACED IN TODAY’S HEALTHCARE INDUSTRY. TEACHINGS WILL BE A MIX OF GUEST SPEAKERS FROM THE LOCAL AREA’S LEADERS AND THE INSTRUCTOR’S EXPERIENCES. THE FIRST PART OF THE SEMESTER WILL REVOLVE AROUND UNDERSTANDING WHAT’S BEHIND THE DATA CONTAINED IN AN ORGANIZATION’S FINANCIAL STATEMENTS. THE COURSE WILL ALSO COVER ALTERNATIVE REVENUE OPPORTUNITIES, SUCH AS PHILANTHROPIC INITIATIVES AND INVESTMENT EARNINGS. ONCE THESE CONCEPTS HAVE BEEN PRESENTED, THE INSTRUCTION WILL CHANGE ITS FOCUS TO MANAGING WITHIN A HEALTHCARE ORGANIZATION CONCENTRATING ON BUDGETING, DETERMINING HOW/WHAT PROGRAMS TO INVEST IN OR IMPLEMENT, AND BALANCE SHEET MANAGEMENT.

PART I: FOCUS ON METHODOLOGIES FOR OPTIMIZING AND FOR PREDICTING THE CONSEQUENCES OF DECISIONS. HEALTH CARE APPLICATIONS ARE CONSIDERED: RESOURCE ALLOCATION, SCHEDULING, PROJECT MANAGEMENT. PART II: FOCUS ON OPERATIONS MANAGEMENT ISSUES IN HEALTH CARE. TOPICS INCLUDE: FORECASTING, INVENTORY MGT AND QUALITY CONTROL.


THE COURSE IS AN INTRODUCTION TO MICROECONOMICS. THE STUDY OF RESOURCE ALLOCATION WITH PARTICULAR EMPHASIS ON THE ROLE OF MARKETS. THE COURSE FocusES ON THE COMPETITIVE MODEL. EXAMPLES OF THE USE OF ECONOMIC CONCEPTS ARE DRAWN PRIMARILY FROM THE HEALTH AND MEDICAL CARE DELIVERY SYSTEMS.

THE PURPOSE OF THIS COURSE IS TO PROVIDE FUTURE HEALTH CARE MANAGERS AND POLICY-MAKERS A CONCEPTUAL FRAMEWORK FOR UNDERSTANDING AND MANAGING AN INTEGRATED HEALTH MANAGEMENT INFORMATION SYSTEM (HMIS). PRIMARY ATTENTION WILL BE GIVEN TO THE OVERALL ARCHITECTURE OF HMIS AND ISSUES RELATED TO HEALTH INFORMATION MANAGEMENT. THE COURSE FocusES ON THE HEALTH CARE MANAGER'S ROLE IN THE DESIGN, IMPLEMENTATION AND CONTROL OF AN EFFECTIVE HMIS. INSTRUCTIONAL METHODS INCLUDE LECTURES BY REGULAR FACULTY AND GUEST RESOURCES, CLASS DISCUSSION, CASE ANALYSES, AND AN APPLIED FIELD SITE STUDY. (For HPM students)

THE ESSAY IS DESIGNED TO PROVIDE THE STUDENT WITH AN OPPORTUNITY TO INTEGRATE THE MAJOR COMPONENTS OF THE HEALTH ADMINISTRATION LEARNING EXPERIENCE. THE STUDENT IS EXPECTED TO DEMONSTRATE ANALYTICAL ABILITY AND TECHNICAL PROFICIENCY IN EXPOSITORY WRITING.
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<td>HEALTH POLICY ANALYSIS</td>
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<td>HPM 2080</td>
<td>AN INTRODUCTION TO PATIENT SAFETY</td>
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THE COURSE PUBLIC HEALTH AGENCY MANAGEMENT FOCUSES ON THE AREAS OF KNOWLEDGE AND SKILLS NECESSARY TO MANAGE PUBLIC HEALTH AGENCIES. THE COURSE COVERS TOPICS SUCH AS CORE FUNCTIONS AND PUBLIC HEALTH PRACTICE, LEGAL BASIS FOR PUBLIC HEALTH, PUBLIC HEALTH INTERVENTIONS, CONFIGURING HEALTH DEPARTMENTS, FUNDAMENTALS OF MANAGEMENT THEORY AND APPLICATION, AGENCY BUDGETING AND PUBLIC HEALTH CONSTITUENCIES. CLASSES INCLUDE A LECTURE AND CLASS DISCUSSION OF A CASE STUDY OR RELATED QUESTION. THE CLASS ENDS WITH A FINAL GROUP REPORT AND GROUP PRESENTATION OF A CLASS PROJECT RELATIVE TO THE DEVELOPMENT OF A COUNTY HEALTH DEPARTMENT.

INTRODUCTION TO THE US HEALTHCARE DELIVERY SYSTEM 1 IS A REQUIRED COURSE FOR FIRST YEAR HPM MHA AND MPH STUDENTS. THIS COURSE IS THE FIRST OF A TWO PART SEQUENCE THAT WILL: PROVIDE AN HISTORIC AND CURRENT OVERVIEW OF BASIC ELEMENTS OF THE US HEALTHCARE DELIVERY SYSTEM, REVIEW HPM PRACTICAL EXPERIENCES IN THE CONTEXT OF PROFESSIONAL AND LEADERSHIP COMPETENCIES, AND INCLUDE CURRENT PERSPECTIVES PROVIDED BY SELECTED GUEST HEALTHCARE EXECUTIVES.

Note: Effective 2016, Term 2171: Revised title, description, credits, grading.

THE COURSE IS DESIGNED TO PROVIDE THE STUDENT WITH AN EDUCATIONAL EXPERIENCE IN THE STUDENT'S FIELD OF INTEREST. IT IS A FIELD EXPERIENCE PERFORMED UNDER THE SUPERVISION OF A PRECEPTOR (I.E., A RESPECTED PROFESSIONAL MANAGER IN THE HEALTH FIELD). POTENTIAL SITES INCLUDE A BROAD RANGE OF ORGANIZATIONS SUCH AS HOSPITALS, MULTI-UNIT SYSTEMS, HMO'S, CONSULTING FIRMS, INSURANCE ORGANIZATIONS, HEALTH POLICY AND PLANNING AGENCIES, AND HEALTH DIVISIONS OF CORPORATIONS.
HPM 2125 HEALTH ECONOMICS  Credit(s): 03.0

HPM 2130 HEALTH LAW AND ETHICS  Credit(s): 02.0
THE PURPOSE OF THIS COURSE IS TO INTRODUCE STUDENTS TO THE LEGAL AND ETHICAL ISSUES WHICH IMPACT THE ADMINISTRATION AND DELIVERY OF HEALTH SERVICES. THIS COURSE IS DESIGNED TO PROVIDE STUDENTS WITH THE PRACTICAL KNOWLEDGE NEEDED TO IDENTIFY LEGAL ISSUES INHERENT IN HEALTH CARE AND PUBLIC HEALTH ADMINISTRATION AND TO UNDERSTAND THE LEGAL RAMIFICATIONS OF ADMINISTRATIVE AND MANAGEMENT DECISIONS. THROUGH LECTURE AND CLASS DISCUSSION FOUR MAIN SUBJECT AREAS ARE PRESENTED: AN INTRODUCTION TO THE LEGAL SYSTEM, LEGAL ISSUES IN MANAGING HEALTH CARE ORGANIZATIONS, REGULATING QUALITY OF CARE AND PUBLIC HEALTH LEGAL AUTHORITY. SPECIFIC COURSE TOPICS INCLUDE: SOURCES OF LAW, THE COURT SYSTEM AND LEGAL PROCEDURES, PROFESSIONAL AND INSTITUTIONAL LIABILITY, GOVERNMENTAL REGULATORY METHODS, ANTITRUST LAW, CORPORATE COMPLIANCE PROGRAMS, EMERGENCY CARE, AND ISSUES CONCERNING INFORMED CONSENT, CREDENTIALING OF MEDICAL PROFESSIONALS, CONFIDENTIALITY OF HEALTH INFORMATION, TERMINATION OF CARE, FAMILY PLANNING, AND PUBLIC HEALTH LAW.

HPM 2131 PUBLIC HEALTH LAW AND ETHICS  Credit(s): 02.0
THE PURPOSE OF THIS COURSE IS TO INTRODUCE STUDENTS TO PUBLIC HEALTH LAW AND POLICY AND THE LEGAL ENVIRONMENT IN WHICH PUBLIC HEALTH IS PRACTICED. THE COURSE IS DESIGNED TO FAMILIARIZE STUDENTS WITH THE PROCESS BY WHICH LAWS ARE CREATED, INTERPRETED AND ENFORCED, AND TO INTRODUCE THEM TO THE SUBSTANTIVE AREAS OF LAW MOST RELEVANT TO THE FIELD OF PUBLIC HEALTH. THROUGH LECTURE, CASE ANALYSIS, CLASS DISCUSSION AND STUDENT PRESENTATIONS, FIVE MAIN CONTENT AREAS WILL BE PRESENTED: 1) THE LEGAL BASIS FOR PUBLIC HEALTH PRACTICE; 2) THE LAW AND CORE PUBLIC HEALTH FUNCTIONS; 3) THE LAW AND CONTROLLING AND PREVENTING DISEASES, INJURIES, AND DISABILITIES; 4) PUBLIC HEALTH EMERGENCY LAW; AND 5) THE ETHICAL ISSUES IMPACTING PUBLIC HEALTH PRACTICE.

HPM 2133 LAW IN PUBLIC HEALTH PRACTICE  Credit(s): 02.0
LOCAL HEALTH DEPARTMENTS PLAY INCREASINGLY PIVOTAL ROLES IN THE PROVISION OF COMMUNITY PUBLIC HEALTH SERVICES; HOWEVER, THEY ALSO ARE EXPERIENCING DIMINISHED FUNDING AND REDUCED WORKFORCES. THIS COURSE IS THE FIRST OF ITS KIND OFFERED AT THE UNIVERSITY OF PITTSBURGH: A PRACTICE-BASED, COLLABORATIVE LEARNING EXPERIENCE FOR PUBLIC HEALTH AND LAW STUDENTS. TOGETHER, STUDENTS WILL DEVELOP INTERVENTIONS TO ADDRESS AN ISSUE IDENTIFIED BY THE ALLEGHENY COUNTY HEALTH DEPARTMENT AS REQUIRING THE EXPERTISE OF BOTH COHORTS.

HPM 2134 INTRO TO HC COMPLIANCE  Credit(s): 02.0
THIS COURSE WILL PROVIDE AN OVERVIEW OF THE LEGAL LANDSCAPE REGARDING HEALTH CARE COMPLIANCE AND DEMONSTRATE THE IMPORTANCE OF COMPLIANCE FOR HEALTH CARE ORGANIZATIONS. AS ONE OF THE MOST HIGHLY REGULATED INDUSTRIES IN THE UNITED STATES, HEALTH CARE ENTITIES ARE REQUIRED TO COMPLY WITH NUMEROUS STATUTES AND REGULATIONS AT THE FEDERAL AND STATE LEVEL, WITH HARSH PENALTIES FOR NON-COMPLIANCE. THUS, INDIVIDUALS INVOLVED IN THE ADMINISTRATION AND DELIVERY OF HEALTH CARE MUST BE WELL-VERSED IN THESE LAWS AND REGULATIONS, AS WELL AS THE STRATEGIES HEALTH CARE ENTITIES EMPLOY TO ADDRESS PARTICULAR COMPLIANCE CONCERNS. SPECIFIC TOPICS INCLUDE FRAUD AND ABUSE; DATA PRIVACY AND SECURITY; THE ELEMENTS OF EFFECTIVE COMPLIANCE PROGRAMS; AUDITS, INVESTIGATIONS, AND SELF-DISCLOSURES; AND SIGNIFICANT COMPLIANCE RISK AREAS FOR VARIOUS HEALTH CARE ENTITIES.

HPM 2135 HEALTH POLICY  Credit(s): 02.0
AN INTRODUCTION TO FEDERAL AND STATE LEGISLATIVE, ADMINISTRATIVE, AND BUDGET SYSTEMS AS THEY AFFECT HEALTH SERVICES. THE COURSE FOCUSES ON THE STUDY OF SELECTED HEALTH POLICIES, CONSIDERING THEM IN THEIR HISTORICAL PERSPECTIVE, PRESENT STATUS, AND FUTURE DIRECTION WITHIN THEIR SOCIAL, ECONOMIC, AND POLITICAL CONTEXTS.
HPM 2141 MANAGERIAL EPIDEMIOLOGY  Credit(s): 03.0


HPM 2143 PH SYMS:LGL, ECON&OPRATNL FDS  Credit(s): 02.0

THIS IS A REQUIRED COURSE FOR THE MPH DEGREE IN HEALTH POLICY & MANAGEMENT. THE U.S. PUBLIC HEALTH SYSTEM IS COM普RISED OF BOTH PUBLIC-SECTOR AND PRIVATE-SECTOR ENTITIES WHOSE INTERDEPENDENCIES AND COMPETING INTERESTS MUST BE UNDERSTOOD BY THOSE RESPONSIBLE FOR DECISION MAKING AND PROBLEM SOLVING. THIS COURSE ORIENTS STUDENTS TO THE GOVERNMENTAL AND ORGANIZATIONAL SYSTEMS THAT SUPPORT POPULATION HEALTH IN THE UNITED STATES AND, FOR PURPOSES OF COMPARISON AND GLOBAL OPERATIONS, IN OTHER COUNTRIES AS WELL. THE COURSE EXAMINES CRITICAL PUBLIC HEALTH SYSTEM PROBLEMS WITH EMPHASIS ON HEALTH DISPARITIES AND VULNERABLE POPULATIONS. STUDENTS WILL HEAR LECTURES, ENGAGE IN CASE STUDY DISCUSSIONS, AND CONDUCT PROBLEM-BASED LEARNING.

HPM 2145 MKTG HLTH SVCS STRAT BUS PLANS  Credit(s): 03.0

ANALYSIS OF CONCEPTS VITAL TO THE CREATION OF SUPERIOR COMPETITIVE MARKETING PLANNING STRATEGIES FOR HEALTH SERVICES PROVIDERS. EMPHASIS, USING PRINCIPLES OF EPIDEMIOLOGY, ON EFFECTIVE MEASUREMENT OF NEED IN SERVICE AREA.

HPM 2150 STRATGC MGT HLTH SERVS ORGNS  Credit(s): 03.0

THIS ‘CAPSTONE’ COURSE FOR THE PROGRAM STRESSES THE APPLICATION AND INTEGRATION OF KNOWLEDGE AND TECHNIQUES LEARNED IN THE CONTEXT OF SPECIFIC FUNCTIONS AND DISCIPLINES, FOCUSES ON IDENTIFYING STRATEGIC ISSUES IN COMPLEX ENVIRONMENTS, AND FORMULATING REALISTIC RESPONSES. THE EMPHASIS THROUGHOUT IS ON UNDERSTANDING HOW TO IMPROVE THE MAJOR PATTERNS OF RESOURCE ALLOCATION WITHIN THE ORGANIZATION IN ORDER TO CREATE LASTING VALUE.

HPM 2203 FINANCING & REGULATION LTC SERV  Credit(s): 01.5

THIS COURSE IS DESIGNED TO PROVIDE THE STUDENT WITH AN OVERVIEW OF THE FINANCING AND REGULATION OF LONG TERM CARE SERVICES. STUDENTS WILL UNDERSTAND THE INTERRELATIONSHIP BETWEEN THE METHODS CHOSEN TO FINANCE HEALTH CARE SERVICES, STATE REGULATIONS ABOUT QUALITY & QUANTITY & THE STRUCTURE OF LONG TERM CARE THAT HAS EVOLVED. STUDENTS WILL UNDERSTAND THE ROLE OF DEMONSTRATIONS AS A METHOD TO INFORM POLICY MAKERS ON HOW TO CHANGE LTC POLICY. STUDENTS EXAMINE THE TRADITIONAL ROLE OF INSURANCE & CHARACTERISTICS OF THE MARKETS THAT INHIBIT GROWTH OF INSURANCE PROGRAMS FOR LTC.

HPM 2205 INDEPENDENT STUDY--HA  Credit(s): 01.0 to 03.0

STUDENTS WITH MAJOR INTERESTS IN SPECIALIZED AREAS PARTICIPATE IN INDIVIDUAL STUDY, RESEARCH ACTIVITIES, OR ADVANCED READINGS WITH A SPECIFIED FACULTY MEMBER.

HPM 2207 QUALITY ASSMT PATIENT SAFETY  Credit(s): 03.0

EXAMINES THE DEFINITION OF QUALITY IN HEALTHCARE FROM THE PERSPECTIVES OF PROVIDERS, HEALTH PLANS, AND CONSUMERS. HEALTHCARE STANDARDS OF JCAHO, NCQA, AND HEDIS ARE REVIEWED. THE ROLE OF CLINICAL PATHWAYS, OUTCOME MEASURES, TECHNOLOGY AND THE INTERNET ARE EXPLORED AS THEY IMPACT THE QUALITY OF HEALTHCARE.

(Effective Fall 2012 (Term 2131)--title change and credit increase. Previous title “Quality Assessment”.

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HPM 2214  FUNDAMNTLS OF HEALTHCARE GVRNC  Credit(s): 02.0
THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH A SENSE OF THE RESPONSIBILITIES OF GOVERNING BOARDS OF VOLUNTARY HOSPITALS & TO ENABLE THEM TO INTERRELATE WITH THEIR BOARDS APPROPRIATELY & CONSTRUCTIVELY. THE SUBSTANCE OF INTERRELATIONSHIPS BETWEEN GOVERNING BOARDS & MANAGEMENTS IS AS VARIED AS ARE THE FORMS OF THE ORGANIZATIONS TO WHICH THEY RELATE AND THE PERSONALITIES OF THE INDIVIDUALS INVOLVED. SUBJECTIVE PERCEPTIONS ARE OFTEN MORE IMPORTANT THAN FORMAL RULES AND EFFECTIVE GOVERNANCE IS MORE ART THAN SCIENCE. THE COURSE PROVIDES GUIDELINES TO THIS ART.

HPM 2215  CMP MTHS DEC CST-EFFCTN ANAL  Credit(s): 01.0
THIS COURSE EXPANDS ON TOPICS INTRODUCED IN COST-EFFECTIVENESS ANALYSIS IN HEALTH CARE AND IN CLINICAL DECISION ANALYSIS AND PROVIDES ADDITIONAL GUIDELINES FOR USING DECISION SCIENCES IN LARGER, MORE COMPLEX APPLICATIONS. TOPICS INCLUDE MODELING CLINICAL PROCESSES AND SYSTEMS; DISCRET EVENT SIMULATION; ADVANCED SENSITIVITY ANALYSIS AND CONFIDENCE LIMITS; CONTROVERSIES SURROUNDING THE USE OF COST-EFFECTIVENESS ANALYSES; AND MULTIATTRIBUTE UTILITY THEORY.

[Title change effective Fall 2015 (2161). Previous title: Advanced Methods Decision and Cost-Effectiveness Analysis]

HPM 2216  HLTH INSURANCE: FINCG HLTH CARE  Credit(s): 03.0
COURSE EXAMINES THE CONCERNS AND PRACTICES OF PRIVATE HEALTH INSURANCE; THE RELATIONSHIPS AND ACTIVITIES ESTABLISHED BY THE INSURANCE CONTRACTS AMONG THE INSURER, INSURED, AND PROVIDERS; THE INSURING PROCESS OF MARKETING, UNDERWRITING AND PRICING; THE INTERRELATIONSHIPS OF PRIVATE AND PUBLIC INSURANCE PROGRAMS; AND THE VARIED GOVERNMENT ACTIVITIES RELATED TO INSURANCE. THE OBJECTIVE OF THIS COURSE IS TO INCREASE UNDERSTANDING OF THE ACCESS, FUNDING, AND INSURING ISSUES SURROUNDING HEALTH CARE AND TO EXPLORE THE ALTERNATE STRATEGIES BEING PURSUED IN RESPONSE TO ENVIRONMENT.

HPM 2217  CLINICAL DECISION ANALYSIS  Credit(s): 01.0
THIS COURSE PROVIDES AN INTRODUCTION TO THE USE OF DECISION SCIENCES IN HEALTH CARE. IN ADDITION TO DEVELOPING A CONCEPTUAL UNDERSTANDING OF MEDICAL DECISION-MAKING, THE COURSE WILL DEVELOP TECHNICAL SKILLS IN DECISION ANALYSIS INCLUDING THE CREATION/EVALUATION OF DECISION TREES, THE USE OF SENSITIVITY ANALYSIS, AND THE INCORPORATION OF SPECIFIC PATIENT PREFERENCES THROUGH THE USE OF UTILITY ANALYSIS. THE ADVANTAGES AND DISADVANTAGES OF FORMAL MATHEMATICAL MODELS FOR THE ANALYSIS OF CLINICAL CONDITIONS WILL BE PRESENTED. EXAMPLES FROM CURRENT MEDICAL LITERATURE WILL BE DISCUSSED.

HPM 2218  INTEGRATED DELIVERY SYST NETWORK  Credit(s): 01.5
COURSE WILL EXPLORE THREE ASPECTS OF INTEGRATED DELIVERY SYSTEMS: 1) EFFORTS TO DEVELOP VERTICALLY INTEGRATED SERVICES 2) INTEGRATION OF PHYSICIAN AND HOSPITAL SERVICES; AND 3) INTEGRATION OF PAYOR AND PROVIDERS. STUDENTS ENROLLED IN THE COURSE WILL COMPLETE AN IN-DEPTH ANALYSIS OF A SUCCESSFULLY OPERATING INTEGRATED SYSTEM.

HPM 2220  COST EFFCTVNS ANAL IN HLTH CARE  Credit(s): 01.0
PROVIDES AN INTRO TO AND DEVELOPS TECHNICAL SKILLS IN THE ECONOMIC EVALUATION OF HEALTH CARE PROGRAMS. A BRIEF INTRO TO THE ECONOMIC FOUNDATION OF COST EFFECTIVENESS AND COST BENEFIT ANALYSIS IS FOLLOWED BY AN EXAMINATION OF THE METHODOLOGIES INVOLVED IN PERFORMING COST EFFECTIVENESS ANALYSES. TOPICS INCLUDE: DEFINITIONS OF COST AND BENEFITS, EFFECT OF THE PERSPECTIVE OF THE ANALYSIS, CALCULATION OF COST-EFFECTIVENESS RATIOS, PERFORMANCE OF SENSITIVITY ANALYSIS, DISCOUNTING OF COSTS AND BENEFITS, AND DISCUSSIONS OF CURRENT CONTROVERSIES IN CONDUCT OF COST-EFFECTIVENESS ANALYSIS.
THE PURPOSE OF THIS COURSE IS TO FOSTER CRUCIAL SKILLS FOR HEALTHCARE LEADERS INCLUDING PERSUASIVE PUBLIC SPEAKING, ASSESSMENT AND ANALYSIS SKILLS OF CASE STUDIES, AS WELL AS THE ABILITY TO WORK IN TEAMS TO SOLVE PROBLEMS. THIS COURSE Focuses NOT ONLY ON THE ABILITY TO INCREASE SKILL IN THESE AREAS BUT ALSO DEVELOP PROFESSIONALLY BY PRESENTING IN FRONT OF HEALTHCARE EXECUTIVES AND CONVEYING MESSAGES EFFECTIVELY AND CREATING BUY-IN ON THEIR PROPOSED SOLUTIONS TO PROBLEMS. THE COURSE IS A PREP COURSE FOR THE STUDENTS TO ALSO ATTEND THE UNIVERSITY OF ALABAMA AT BIRMINGHAM CASE COMPETITION IN THE WINTER, A PRESTIGIOUS COMPETITION OF MOST MHA PROGRAMS IN THE COUNTRY. THE COURSE WILL INCLUDE THREE CASES, ANALYZED AND PREPARED BY STUDENTS BROKEN INTO TEAMS, WHERE AFTER PREPARATION AND ANALYSIS WILL PRESENT TO EXECUTIVES IN THE COMMUNITY FOR SCORING AND JUDGING. THE TEAM WILL BE SELECTED BASED ON STUDENT PERFORMANCE FROM THE COURSE.

PROPERLY QUALIFIED STUDENTS MAY UNDERTAKE ADVANCED STUDY UNDER THE GUIDANCE OF AN HPM FACULTY MEMBER(S).

REQUIRED PLACEMENT IN A LAW FIRM OR IN A HOUSE COUNSEL OFFICE IN A HEALTH ORGANIZATION OR SYSTEM, A PUBLIC HEALTH AGENCY, OR A HEALTH POLICY AGENCY.

THIS COURSE WILL CONSIST OF A SERIES OF CASED-BASED EXAMINATIONS OF SPECIFIC MANAGERIAL AND LEADERSHIP PROBLEMS AND DECISIONS THAT HAVE FACED LOCAL HEALTH SYSTEMS LEADERS IN WESTERN PENNSYLVANIA. HEALTH CARE REIMBURSEMENT, LICENSING AND ACCREDITATION, AND MEASURING HEALTH CARE QUALITY HAS BECOME BOTH MORE COMPLICATED AND MORE IMPORTANT AS PRESSURES TO REDUCE EXPENSES AND IMPROVE QUALITY INCREASE. SIMULTANEOUSLY, THERE HAS BEEN A STEADY INCREASE IN THE NUMBER OF CLINICIANS WHO HAVE ASSUMED MANAGERIAL POSITIONS, SUCH AS MEDICAL DIRECTORS OF CLINICAL UNITS, DIRECTORS OF QUALITY MEASUREMENT AND IMPROVEMENT PROGRAMS, UTILIZATION REVIEW AND MANY OTHERS, AS WELL AS THE APPEARANCE OF CLINICIANS IN THE “C-SUITE” OF MANY HOSPITALS AND HEALTH CARE ORGANIZATIONS. UTILIZING ADJUNCT FACULTY WHO ARE CURRENTLY (OR VERY RECENTLY HAVE BEEN) EXECUTIVE LEADERS IN HEALTH SYSTEMS, THIS COURSE WILL EXAMINE A SERIES OF COLLABORATIONS, PROBLEMS, CONFLICTS AND SOLUTIONS THAT DEVELOPED BETWEEN HEALTH SYSTEM ADMINISTRATORS AND CLINICAL LEADERSHIP IN HEALTH CARE ORGANIZATIONS IN THE WESTERN PA AREA. THE MECHANICS OF THE COURSE WILL BE A SERIES OF CASES, BASED ON AN ACTUAL RECENT ISSUE IN HEALTH CARE MANAGEMENT IN WHICH THE SENIOR ADJUNCT FACULTY MEMBER WAS INVOLVED. STUDENTS (INDIVIDUALLY OR IN GROUPS) WILL EVALUATE THE CASE, PREPARE A RESPONSE, AND MAKE A SHORT PRESENTATION OF THEIR “SOLUTION” TO THE PROBLEM TO THE HEALTH SYSTEM EXECUTIVE AND CLINICAL LEADER INVOLVED IN THAT CASE. AN INTERACTIVE DISCUSSION WILL FOLLOW. THIS IS A REQUIRED COURSE FOR STUDENTS IN THE CERTIFICATE IN HEALTH SYSTEMS LEADERSHIP AND MANAGEMENT PROGRAM, AND CAN BE USED AS AN ELECTIVE COURSE BY OTHER STUDENTS WITH PERMISSION OF THE INSTRUCTOR.

THE PURPOSE OF THE COURSE IS TO PROVIDE STUDENTS WITH EXPOSURE TO CURRENT TOPICS IN THE FIELD OF HEALTH ECONOMICS FROM THE PERSPECTIVE OF ACTIVE RESEARCHERS. A SERIES OF HEALTH ECONOMISTS WILL BE INVITED TO DELIVER SEMINARS ON A CURRENT RESEARCH PROJECT OF THEIR OWN, ADDRESSING THE THEORETICAL BACKGROUND, METHODOLOGY AND PRACTICAL IMPLICATIONS OF THEIR FINDINGS. STUDENTS WILL GAIN A BROAD PERSPECTIVE ON THEIR FIELD OF HEALTH ECONOMICS AND THE RANGE OF TOPICS AND METHODOLOGIES USED BY RESEARCHERS.
THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH THE RESEARCH DESIGN SKILLS DRAWN FROM THE SOCIAL SCIENCE TRADITION AS APPLIED TO THE DELIVERY OF HEALTH SERVICES. THIS COURSE PROVIDES A SURVEY OF RESEARCH DESIGN, SELECTION AND DEVELOPMENT OF RESEARCH QUESTIONS, CONCEPTUALIZATION, MEASUREMENT, AND DATA COLLECTION/ACQUISITION. THE FOCUS IS ON THE APPLICATION OF QUASI-EXPERIMENTAL AND OBSERVATIONAL APPROACHES TO RESEARCH IN APPLIED HEALTH CARE SETTINGS.

THIS SEMINAR IS INTENDED TO FACILITATE THE MASTERY OF CONCEPTUAL APPROACHES TO HEALTH CARE ORGANIZATIONS. THROUGH A COMBINATION OF IN-CLASS DISCUSSIONS, SELF-DIRECTED RESEARCH, WRITTEN Analyses, AND ORAL PRESENTATIONS, STUDENTS WILL CLARIFY COMPLEX ISSUES AND EVALUATE INNOVATIVE IDEAS. THE COURSE CONTENT WILL INCLUDE SUCH TOPICS AS ORGANIZATIONAL DESIGN, ORGANIZATIONAL BEHAVIOR, AND ORGANIZATIONAL ENVIRONMENTS. THE PRIMARY APPROACH TO ANALYZING ORGANIZATIONAL PHENOMENA WILL BE THE THEORETICAL BASIS OF CAUSALITY, AND THE LEVEL(S) OF ANALYSIS ADDRESSED BY THE THEORY.

THIS COURSE IS THE DOCTORAL VERSION OF HPM 2064. DOCTORAL STUDENTS HAVE SUPPLEMENTAL READING AND WRITING REQUIREMENTS FOR THIS COURSE. THE AIDS OF THIS COURSE ARE TO PROVIDE STUDENTS WITH 1) AN OVERVIEW OF THE U.S. HEALTH CARE DELIVERY SYSTEM AND CURRENT POLICY CHALLENGES, AND 2) AN INTRODUCTION TO POLICY ANALYSIS TOOLS USEFUL FOR DEFINING POLICY PROBLEMS, ASSESSING ALTERNATIVE SOLUTIONS AND EXAMINING EFFECTS OF HEALTH POLICIES. THE FRAMEWORK USED FOR ACHIEVING THESE AIDS WILL BE TO CONSIDER HEALTH POLICY FROM THE PERSPECTIVE OF THE MAIN STAKEHOLDERS IN THE SYSTEM: PATIENTS, PROVIDERS, HEALTH PLANS, SUPPLIERS (E.G. PHARMACEUTICAL AND MANUFACTURING INDUSTRY), AND PAYERS. COURSE MATERIALS INCLUDE A POLICY ANALYSIS TEXT BOOK, PEER-REVIEWED ARTICLES, AND CASE STUDIES OF CONTEMPORARY HEALTH POLICY ISSUES.

(For HPM doctoral students--Hlth Serv Res and Policy)

THIS COURSE IS DESIGNED TO BUILD ON THE PRINCIPLES LEARNED IN HPM 3064: HEALTH POLICY ANALYSIS. IT IS AN ADVANCED COURSE FOR DOCTORAL STUDENTS IN HEALTH POLICY AND OTHER DISCIPLINES WITH A FOCUS ON POLICY EVALUATION, TRANSLATING THE RESULTS OF POLICY RESEARCH FOR POLICY MAKERS, AND CHALLENGES TO IMPLEMENTING HEALTH POLICIES. STUDENTS WILL BE EXPECTED TO EXAMINE FOUR CURRENT HEALTH POLICY TOPICS IN DEPTH BY EXAMINING THE CHALLENGES TO POLICY IMPLEMENTATION, CRITIQUING LARGE-SCALE EVALUATIONS OF HEALTH POLICIES, AND TRACKING THE INFLUENCE OF RESEARCH EVIDENCE ON THE POLICYMAKING PROCESS. THE PERSPECTIVES OF POLICY ANALYSTS, PRACTITIONERS IMPLEMENTING (OR RESPONDING TO) POLICIES, AND POLICY MAKERS WILL BE EXAMINED FOR EACH OF FOUR TOPICS. THE COURSE FORMAT WILL INCLUDE A COMBINATION OF STUDENT-LED DISCUSSIONS AND FORMAL PRESENTATIONS, LECTURES BY THE INSTRUCTOR, AND GUEST LECTURES.

THE PURPOSE OF THIS COURSE IS TO EXPAND ON INTERMEDIATE MICROECONOMIC PRINCIPLES AND APPLY THESE MORE SOPHISTICATED DYNAMICS TO THE HEALTH CARE MARKET, BOTH DOMESTIC AND INTERNATIONAL. FAMILIARITY WITH INTRODUCTORY ECONOMICS AND CALCULUS IS ASSUMED. COURSE TIME WILL BE SPENT ON A COMBINATION OF LECTURES AND DISCUSSIONS OF SEMINAL PAPERS TO EXPLORE THEORETICAL FRAMEWORKS AND THEIR EMPIRICAL APPLICATIONS.

THIS COURSE IS THE DOCTORAL VERSION OF HPM 2135. DOCTORAL STUDENTS HAVE SUPPLEMENTAL READING AND WRITING REQUIREMENTS FOR THIS COURSE. THE COURSE AIDS STUDENTS IN DEVELOPING OR ENHANCING KEY "PACKETS" OF KNOWLEDGE, SKILLS, AND ABILITIES (WHICH FORM COMPETENCIES) SUITABLE TO PERMIT THEM TO BETTER ANALYZE AND CREDIBLY PREDICT RESULTS OF THE HEALTH POLICYMAKING PROCESS IN THE UNITED STATES AND TO LEARN MORE ABOUT HOW TO EXERT INFLUENCE IN THE HEALTH POLICYMAKING PROCESS AS PART OF THEIR PROFESSIONAL ROLES.
**HPM 3501 SEM HLTH SVCS RES METHODS 1**

Credit(s): 03.0

This is part one of a two-part course for doctoral students enrolled in health services research and policy. Other doctoral students may register with permission of the instructor. The course will cover two related competencies: research design and writing skills. The second part of the course will continue with grant proposal writing skills. The purpose of the course is to cover basic aspects of research design, selection and development of research questions, conceptualization, measurement, and data collection/acquisition. Students will also gain experience conducting literature reviews, critically reviewing manuscripts and grant proposals, and writing research questions.

**HPM 3502 SEM HEALTH SVCS RES METHODS 2**

Credit(s): 03.0

This is part two of a two-part course for doctoral students enrolled in health services research and policy. Other doctoral students may register with permission of the instructor. The course will cover two related competencies: research design and writing skills. The second part of the course will continue with grant proposal writing skills. The purpose of the course is to cover basic aspects of research design, selection and development of research questions, conceptualization, measurement, and data collection/acquisition. Students will also gain experience conducting literature reviews, critically reviewing manuscripts and grant proposals, and writing research questions.

(For HPM doctoral students only.)

**HPM 3505 ADV EMP MICRO MTH APP HLTH RES**

Credit(s): 03.0

This course is designed to cover applied econometrics and regression methods at a fairly advanced level. The course reviews the fundamentals of econometrics, summarizes empirical microeconomics methods and discusses the applications for unique issues in healthcare research. This course will provide students with advanced tools necessary to evaluate and conduct empirical research using existing datasets. The focus is on the "hands-on" use of economic and health data.

(Prerequisites: This course is intended for 2nd year PhD students who have taken a one-year sequence of intermediate or advanced courses in theoretical and applied statistics comparable to STAT 2131, STAT 2132, and have also taken BIOST 2046 or its equivalent. Some familiarity with matrix algebra and linear algebra is highly recommended.)

**HPM 3508 RESEARCH AND DISSERTATION PHD**

Credit(s): 01.0 to 15.0

Dissertation credits for qualified doctoral students in the department of health policy & management.