COURSES

GRADUATE COURSE LIST

(CCE)

CCE 650B Community Mental Health Counseling 3 CREDITS
This course is designed as a special topics class for counseling students who wish to learn the practice of professional counseling in community mental health agencies with a special emphasis on social justice and multicultural issues. The class will provide an overview of legal, ethical, and professional issues as they pertain to the role of the counselor in communities, prevention, outreach, and systematic issues in community agency settings.

CCE 650D Human Sexuality and Counseling 3 CREDITS
This course examines the place of sexuality in human life, including the influences of cultural, familial, psychological, biological and spiritual factors. The course looks particularly at the interface of sexual issues in clinical work. Special attention is paid to the issues of gender, sexual health and sexual dysfunction from a bio-psycho-social-spiritual perspective. This class will explore the dynamic complexities of sexuality through various learning mediums including text, film, dialogue, debate, writing and experiential exercises. Theory as well as clinical interventions will be given, experienced and discussed in class.

CCE 605 Seminar in Professional Counseling Roles 1 CREDIT
In 2010, the American Counseling Association defined counseling as "a professional relationship that empowers diverse individuals, families, and groups to accomplish mental health, wellness, education, and career goals." This course will examine the nature of that relationship and the unique skills counselors bring to the relationship. Further, we will explore the myriad settings and contexts in which counselors work as they seek to "empower" others' development.

CCE 610 Counseling Ethics 3 CREDITS
This course is an introduction to the ethical issues involved in counseling. Students will explore models of ethical decision making and the impact of their personal values on the therapeutic relationship. Students will become familiar with the current law, rules and ethics guiding the clinical mental health counselor in the state of Utah. Students will be familiarized with current ethical codes, especially those of the ACA and AMHCA.

CCE 612 Statistics and Research Methods 3 CREDITS
This course will familiarize students with the basic statistical concepts and research methods used in the behavioral sciences. The course will focus on developing (1) an intuitive grasp of the conceptual underpinnings of basic statistical and research concepts, (2) a basic familiarity with specific statistical formulas and research methods, and (3) an ability to critically analyze which methods are applicable in actual research contexts. The course will focus on preparing the student to interpret and evaluate research as it is presented in behavioral science journals. Since it is only an introductory course, students will not be expected to become proficient in the mathematical underpinnings of research and statistics. Instead, the course will utilize numerous examples of actual behavioral research to help students learn how to read research reports, and to discriminate good research from bad.

CCE 614 Psychopathology and the DSM 3 CREDITS
This course will present an overview of adult psychopathology, including major psychological disorders, associated symptom clusters, etiological factors, accepted treatments, and relevant research findings. Empirical challenges to diagnostic accuracy and social/cultural factors affecting diagnosis and treatment will be addressed.

CCE 617 Individual Counseling I 3 CREDITS
As a result of this course, students will: (1) understand, contrast, and critically evaluate the various theoretical approaches; (2) learn to select from these approaches in developing their own style of therapy; and (3) develop an ability to utilize these theoretical approaches in case analyses.

CCE 619 Individual Counseling II 3 CREDITS
As a result of this course, students will: (1) understand, contrast, and critically evaluate the various theoretical approaches; (2) learn to select from these approaches in developing their own style of therapy; and (3) develop an ability to utilize these theoretical approaches in case analyses. This is a continuation of Individual Counseling I.

CCE 621 Human Growth and Development 3 CREDITS
This course provides an overview of current developmental theory and research on lifespan development. Particular emphasis is placed on biological, physical, social, and emotional aspects of the developing individual in a cultural context. Students are expected to achieve the following competencies 1) an understanding of current developmental theory and its relationship to counseling practice 2) the development of observational skills, allowing the student to assess the developmental strengths, competencies, vulnerabilities, and needs of the individual 3) the capacity to think from a developmental perspective and to understand factors that may influence developmental outcome 4) a familiarity with mainstream developmental research, enabling students to explore the credible sources of information regarding issues in the development of the individual.

CCE 628 Group Counseling 3 CREDITS
This course provides an overview of current research and practice in couple, family, and group psychotherapy. Didactic and experiential methods will be used to teach the relevant concepts. Students are expected to achieve the following competencies at an introductory practitioner level: (1) understand a broad base of theory and treatment approaches for couple, family, and group psychotherapy, including the types of problems effectively treated in these modalities; (2) assess couple, family, and group dynamics and develop appropriate treatment strategies; and (3) increase awareness of the unique challenges and benefits of systemic treatment.

CCE 630 Applications of Humanistic/Exist Theory 3 CREDITS
This course examines the major theoretical tenets of Existential and Humanistic Counseling theories. This is an experiential class: role plays and video demonstrations will be utilized to enhance the learning experience.

CCE 631 Applications of Cognitive Behavioral 3 CREDITS
This course examines the major theoretical tenets of Cognitive Behavioral Therapy. This is an experiential class, role plays and video demonstrations will be utilized to enhance the learning experience.

CCE 632 Applications of Family Systems Theory 3 CREDITS
This course examines the major theoretical tenets of Family Systems Counseling theories. This is an experiential class: role plays and video demonstrations will be utilized to enhance the learning experience.

CCE 633 Child and Family Counseling 3 CREDITS
This course provides an overview of current research and practice in child psychotherapy. Students are expected to achieve the following competencies at an introductory practitioner level: (1) the ability to assess and diagnose a child client/patient between the ages of 3-14, considering relevant developmental, familial, and cultural contexts; (2) the ability to select and construct an appropriate treatment plan for the child; (3) an awareness of effective treatment approaches, including psychopharmacology, behavioral, cognitive-behavioral, ecological, and psychodynamic intervention strategies; and (4) knowledge of relevant research on treatment outcome and effectiveness for common childhood referral problems.

CCE 636 Clinical Assessment 3 CREDITS
This course will introduce the student to ethical and clinical issues in psychological assessment. Students will learn about selection, administration, scoring, and interpretation of assessment measures commonly used in counseling settings. They will critically evaluate examples of psychological assessment reports and understand how to use testing data to generate appropriate treatment recommendations. Typical challenges and problems in test administration and interpretation will be discussed. Students will be required to administer a number of psychological tests and submit written reports for review.

CCE 639 Multicultural Counseling 3 CREDITS
An appreciation of diversity in meaning systems is relevant to all counseling and all counseling courses. The ability of the therapist to understand the other as other is a central issue in developing a strong therapeutic alliance. This course explores the complexities of culture and its influence on the client/therapist relationship. This course is designed: (1) to increase awareness of the effect of culture on the counseling relationship through reading

and direct exposure to individuals from a different culture; (2) to increase awareness of how ones cultural background, experiences, belief system, attitudes, values and biases influence the counseling process; (3) to develop a level of cultural sensitivity in working with culturally diverse clients; (4) to learn culturally responsive intervention strategies for culturally diverse clients; and (5) to become aware of resources that can extend ones cultural competency beyond the introduction given in this course. The central focus for this course will be ethnic/racial diversity, although we will pay attention to gender, sexual preference, age, and class as they relate to issues of diversity.

CCE 640 Counseling Practicum 3 CREDITS
This course fulfills the requirements of a practicum placement. Students will be placed in a practicum setting, where they will receive on site supervision. In addition, they will meet with fellow students and the course instructor for weekly group supervision. This course is designed to introduce students to the clinical and professional issues of mental health practice.

CCE 642 Substance Abuse Counseling 3 CREDITS
This course examines various addictions from a biopsychosocial perspective. Several perspectives on the process and treatment of addictions will be considered with a special emphasis on an Object Relations approach and on process addictions. Focus will be placed on integrating substance abuse treatment with general mental health treatment and dual diagnoses.

CCE 643 Trauma and Crisis Counseling 3 CREDITS
This course will explore the theories, techniques, and interventions used to treat those who have been affected by trauma and crisis. It will also explore how those affected by trauma and crisis engage in the process of treatment.

CCE 644 Applications of Psychodynamic Theory 3 CREDITS
The purpose of this course is to foster students' understanding of the fundamentals of psychoanalytic, or psychodynamic, theory and therapy. The course will focus on developing (1) a substantial understanding of the fundamental concepts in psychodynamic theories of personality, personality development, the therapeutic relationship, and therapeutic techniques, (2) a familiarity with therapeutic techniques and other clinical considerations specific to psychodynamic theories, and (3) practical skill in the basic use of such therapeutic techniques. The course will provide students with opportunities to utilize role-play and other experiential techniques to develop their familiarity and skill with the actual mechanisms of psychodynamic psychotherapy.

CCE 645 Career Counseling and Development 3 CREDITS
This course introduces students to the basic elements of career counseling, including models of career development, career transitions across the lifespan, and multicultural considerations. By the end of this course, student should be able to understand different career theories, be able to apply those theories, and critically evaluate potential biases in major career theories. Students will also understand various sources of occupational information and principles of career assessment.

CCE 650 Special Topics Seminars 3 CREDITS
A special topics course highlights specific areas relevant to mental health practice such as Treating Domestic Violence, Psychopharmacology, Gender and Sexuality, Parent Child Interaction Therapy, etc. Prerequisites vary with course content.

CCE 651 Found. of Adventure-Based Counseling 3 CREDITS
Adventure therapy (AT) is defined as "the prescriptive use of adventure experiences provided by mental health counselors, often conducted in natural settings that kinesthetically engage clients on cognitive, affective, and behavioral levels" (Gass, Gillis, & Russell, 2020). In this introductory course, students will develop both practical and theoretical familiarity with adventure therapy as a field and modality of therapeutic intervention. Topics will include clinical foundations, socio-cultural / environmental considerations, and models of client assessment.

CCE 652 Professional Practice in Adventure-Based 3 CREDITS
In this course, students will build on foundational skills and conceptual knowledge in adventure-based counseling to better understand how they can be implemented within professional mental health practice. Topics will include professionalism and ethics, organizational / administrative standards and policies, and documentation.

CCE 653 Clinical Prac Adventure-Based Counseling 3 CREDITS
In this intensive, experiential course, students will develop skill and familiarity with planning and implementing adventure-based counseling across different settings, treatment environments, and client populations. Topics will include therapeutic alliance building, facilitation and processing, treatment interventions, and client monitoring.

CCE 654 Core Frame Adventure Based Counseling 3 CREDITS
Adventure therapy (AT) is defined as "the prescriptive use of adventure experiences provided by mental health counselors, often conducted in natural settings that kinesthetically engage clients on cognitive, affective and behavioral levels" (Gass, Gillis & Russell, 2020). In this course, students will develop practical and theoretical familiarity with adventure therapy as a field and modality of therapeutic intervention. Topics will include clinical foundations, models of client assessment, professionalism and ethics, socio-cultural/environmental considerations, organizational/administrative standards and policies and appropriate clinical documentation.

CCE 660 Internship I 1 to 3 CREDITS
This course fulfills part of the clinical internship requirement. Students will be placed in an internship setting, where they will be supervised on site. In addition, they will meet with fellow students and the course instructor for weekly group supervision. This course is designed to expand students' applied clinical knowledge base and train students in the components of delivering mental health services. This course is repeatable for credit. This course is repeatable for credit.

CCE 661 Internship II 3 CREDITS
This course fulfills part of the clinical internship requirement. Students will be placed in an internship setting, where they will be supervised on site. In addition, they will meet with fellow students and the course instructor for weekly group supervision. This course is designed to expand students' applied clinical knowledge base and train students in the components of delivering mental health services.

CCE 668 Directed Study 1 to 4 CREDITS
Allows students to undertake independent research and readings and readings on special topics not fully covered in the MSMHC Program. Requires consent of instructor and school dean.

(DNP)

DNP 710 Epidemiology/Population Health 3 CREDITS
Epidemiological concepts as they relate to health and healthcare are introduced in this course. The advanced practice nurse will develop an understanding of population health, screening, prevention, and disease control. Prerequisites: none

DNP 711 Biological Systems, Homeostasis, & Patho 3 CREDITS
This course will introduce the student to principles of biological systems, homeostasis. and pathogenesis. Best-practice models for nurse anesthesia care will be discussed. Students will examine systematic outcomes in the translation of research evidence and data, and identify application to nurse anesthesia practice.

DNP 713 Healthcare Improvement 4 CREDITS
Students will analyze ways to improve healthcare using a systems approach and evaluate evidence for safety issues related to patients, populations, clinical settings, or hospital systems. Students will explain the significance of an inter-professional approach to solving patient safety issues and create a policy related to healthcare improvement in the operating room. Students will analyze patient safety and technology and apply those concepts to the improvement of healthcare.

DNP 715 Health Care Policy and Economics 3 CREDITS
This course will explore health care policies and laws that control the structure of healthcare in the United States. Advance practice nurses will explore current and emerging issues and principles of business finance related to health care practices. National, state, and local levels will be addressed. Prerequisites: none

DNP 725 Leadership and Roles 3 CREDITS
This course will explore the development of the advanced practice role as it relates to our complex healthcare system. Regulation of practice and professional responsibilities are included. Professional development and leadership models are addressed. Leadership related concepts such as professional integrity, credibility, and interprofessional collaboration will also be emphasized. Prerequisites: none

DNP 727 Legal Concerns 2 CREDITS
Course discussions will explain the major legal issues in nurse anesthesia practice and health care. Students will apply legally sound decision-making processes in the healthcare and academic environments and use critical thinking and logical argument techniques to rationally debate controversial legal issues. Students will defend a controversial health care legal decision using recent research and explain the most effective ways to keep anesthesia providers safe from frivolous lawsuits.

DNP 730 Adv. Statistics for Clinical Practice 3 CREDITS
This course provides an understanding of qualitative and quantitative statistics including some mathematical skills relevant to understanding the application of statistics in health care. Advance practice nurses will develop skills to read and interpret medical literature. Prerequisites: none

DNP 735 Theory of Adult Learning 3 CREDITS
This course explores theories and research that seek to explain how adults learn. This course uses a complexity thinking frame to understand learning at various levels (e.g., embodied, individual, collective, societal) and learning as an emergent process of interactions between levels. The course draws upon brain research, theories of adult learning and research on adult learning. Students formulate a working theory of adult learning in a specific setting.

DNP 740 Advanced Theory and Ethics in Anp 3 CREDITS
This course focuses on theory directed design and implementation of evidence to transform healthcare systems. Advanced practice nurses will explore ethical dilemmas in healthcare delivery based on evidence. Ethics related to decision making at an individual, organizational, and systems level will be investigated. Prerequisites: none

DNP 745 Informatics in Health Care Systems 3 CREDITS
This course explores major existing and emerging technologies and their potential impact on healthcare systems. Use of technology in healthcare will be emphasized and will include systems that support patient centered, effective, timely, safe, and equitable care. Prerequisites: none

DNP 750 Quality and Safety Across Healthcare 3 CREDITS
This course analyzes the economic, social, and political issues that affect quality healthcare in today's environment. The advance practice will gain tools to influence quality improvement in today's healthcare systems. Prerequisites: none

DNP 755 Teaching Adults 3 CREDITS
Teaches a variety of instructional strategies for facilitating adult learning. The course covers setting learning goals and methods of instruction for teaching skills and content, for increasing understanding, and for construction and application of knowledge. The course addresses teaching in different settings and the implications of context on instruction. The course also teaches methods of assessing various types of learning.

DNP 760 Scholarly Project Development I 2 CREDITS
This course is the first of a 3-course series designed to assist in identifying and gathering data for the scholarly project. Project management and development of outcomes and a plan are emphasized in this course.

DNP 765 Scholarly Project II 3 CREDITS
This course is the second in a 3-course series designed to promote the development of the doctorate scholarly project. A culmination of previous clinical experiences and previous courses will guide development of the project.

DNP 768 Directed Studies, 1 to 4 CREDITS
Consent of instructor required to pursue a special topic of interest. Prior to registration, a plan of study must be submitted for approval by the director of the DNP Program. This course is repeatable for credit.

DNP 770 Scholarly Project III 3 CREDITS
This is the third of a 3-course series designed for culmination of the DNP scholarly project. The culmination of this course is the successful completion of the scholarly project.

DNP 799 DNP Continuing Registration 0 CREDITS
This course is for the ongoing work on the clinical research component of the DNP program. There is a registration fee of $250 per semester. Prerequisites: DNP 770.

(DNPNA)

DNPNA 710 Epidemiology/Population Health 3 CREDITS
Epidemiological concepts as they relate to health and healthcare are introduced in this course. The advanced practice nurse will develop an understanding of population health, screening, prevention, and disease control.

DNPNA 715 Health Care Policy and Economics 3 CREDITS
This course will explore health care policies and laws that control the structure of healthcare in the United States. Advance practice nurses will explore current and emerging issues and principles of business finance related to health care practices. National, state, and local levels will be addressed. Prerequisites: none

DNPNA 720 Evidence-Based Nursing Practice 3 CREDITS
This course explores the theoretical foundations of practice, implementation of research, and evidence based approaches to practice. Learning focuses on the integration of scientific evidence into practice to promote safe, cost effective healthcare with improved outcomes. Prerequisites: none

DNPNA 725 Leadership and Roles 3 CREDITS
This course will explore the development of the advanced practice role as it relates to our complex healthcare system. Regulation of practice and professional responsibilities are included. Professional development and leadership models are addressed. Leadership related concepts such as professional integrity, credibility, and interprofessional collaboration will also be emphasized. Prerequisites: none

DNPNA 730 Adv. Statistics for Clinical Practice 3 CREDITS
This course provides an understanding of qualitative and quantitative statistics including some mathematical skills relevant to understanding the application of statistics in health care. Advance practice nurses will develop skills to read and interpret medical literature. Prerequisites: none

DNPNA 731 Advanced Health Assessment 3 CREDITS
This course will focus on health assessment across the lifespan. Students will discuss health assessment as it relates to overall patient well-being and apply these concepts to their anesthesia preoperative interviews. Charting and lab value interpretation will be discussed.

DNPNA 732 Gross Anatomy 3 CREDITS
An in-depth analysis of human anatomy will occur through the use of hands-on cadaver dissection and class discussion. Dissection of the nervous system will allow for regional anesthesia application.

DNPNA 733 Research Methods 2 CREDITS
Basic concepts of research practice will be incorporated into an interactive student-faculty approach towards evidenced based practice. Key terminology and literature review will guide the student towards mastering concepts in all facets of research practice.

DNPNA 734 Chemistry and Physics 2 CREDITS
This course will focus on measurements and math, physics, chemistry, fluids, gas laws, states of matter, pressure, tension, radiation, electricity, acid-base balance, and a thorough understanding of the anesthesia machine.

DNPNA 740 Advanced Theory and Ethics in Anp 3 CREDITS
This course focuses on theory directed design and implementation of evidence to transform healthcare systems. Advanced practice nurses will explore ethical dilemmas in healthcare delivery based on evidence. Ethics related to decision making at an individual, organizational, and systems level will be investigated. Prerequisites: none

DNPNA 745 Informatics in Health Care Systems 3 CREDITS
This course explores major existing and emerging technologies and their potential impact on healthcare systems. Use of technology in healthcare will be emphasized and will include systems that support patient centered, effective, timely, safe, and equitable care. Prerequisites: none

DNPNA 750 Quality and Safety Across Healthcare 3 CREDITS
This course analyzes the economic, social, and political issues that affect quality healthcare in today's environment. The advance practice will gain tools to influence quality improvement in today's healthcare systems. Prerequisites: none

DNPNA 760 Legal Concerns 2 CREDITS
This course will explore the major legal issues in nurse anesthesia practice and health care. Students will learn to apply legally sound decision-making processes in the healthcare and academic environments using critical thinking and logical argument techniques to rationally debate controversial legal issues. Students will learn to defend a controversial health care legal decision using recent research and explain the most effective ways to keep anesthesia providers safe from frivolous lawsuits.

DNPNA 768 Directed Study 1 to 4 CREDITS
Consent of instructor required to pursue a special topic of interest. Prior to registration, a plan of study must be submitted for approval by the director of the DNPNA Program. This course is repeatable for credit.

DNPNA 811 Advanced Physiology 4 CREDITS
This course will focus on physiology and pathophysiology across the life span. Basic cell structure will set the foundation for a comprehensive review of all human systems and its relevancy to anesthesia practice will be discussed.

DNPNA 812 Advanced Pharmacology I 4 CREDITS
This is the first course in a sequence of two courses designed to provide the nurse anesthesia student with an in-depth knowledge of pharmacology and its application to the clinical practice of anesthesia. Video conference lectures followed by discussion will be the format of these courses.

DNPNA 813 Anesthesia Principles I 2 CREDITS
Introductory aspects of nurse anesthesia will be discussed. Concepts will include anesthesia history, progress and advancements over the years, antibiotics, preoperative evaluation and planning, airway emergencies, spinal and epidural placement, and regional anesthesia blocks.

DNPNA 814 Anesthesia Simulation I 2 CREDITS
This course will instruct students on how to properly perform an anesthesia machine check, choose medications and equipment necessary to perform anesthesia for a variety of simulated cases. Students will learn to perform an induction sequence, explain the most common problems and solutions during induction and perform a general anesthetic from beginning to end on a variety of simulated patients. Students will describe the indications and contraindications for an arterial and central line, and demonstrate how to place an arterial and central line in a simulated patient.

DNPNA 821 Advanced Pathophysiology 4 CREDITS
This course is a continued review of physiology and pathophysiology. Concepts in nervous system development and disorders thereof will be discussed. Neurological, skeletal, and muscular systems will be discussed.

DNPNA 822 Advanced Pharmacology II 3 CREDITS
This is the second course in a sequence of two courses designed to provide the nurse anesthesia student with an in-depth knowledge of pharmacology and its applications to the clinical practice of anesthesia. Video conference lectures followed by discussion will be the format of these courses.

DNPNA 823 Anesthesia Principles II 3 CREDITS
This course builds on basic principles of anesthesia and will introduce the student to varied surgical procedures and health complications that impact an anesthetic care plan. Obstetrics, pediatrics, renal, cardiac, geriatric, and malignant hyperthermia topics will be addressed.

DNPNA 824 Anesthesia Simulation II 2 CREDITS
This course will focus on the differences between a spinal and an epidural block and demonstrate placement of a spinal, epidural, and combined spinal epidural block on a simulated patient. Students will evaluate the effectiveness of a placed neuraxial block and describe the complications and corrections of a failed neuraxial block. Students will explain the major regional blocks and the indications and contraindications for each.

DNPNA 831 Anesthesia Seminar I 1 CREDIT
This online course will outline anesthesia implications for ENT, laser, obesity, hepatobiliary, endocrine, and trauma patients.

DNPNA 832 Advanced Anesthesia Principles I 2 CREDITS
This course will instruct students on how to formulate an advance anesthesia plan for otolaryngeal (ENT), laser, and laparoscopic cases. Students will construct an anesthesia plan for pre-operative assessment, intra-operative are, and post-operative care. Course content will include anesthesia planning for anesthesia complications, hepatobiliary gastrointestinal disturbances, endocrine disturbances, and trauma cases including airway management.

DNPNA 833 Clinical Practicum I 4 CREDITS
This course will introduce the student to the clinic facility. Students will perform all aspects of patient care will preparing for and planning an appropriate anesthetic plan. Students will conduct pre-operative and post-operative interviews.

DNPNA 911 Anesthesia Seminar II 1 CREDIT
This course will provide a platform for anesthesia case scenario discussion in a group format through distance education. Concepts will build on previously learned elements of nurse anesthesia practice.

DNPNA 912 Advanced Anesthesia Principles II 2 CREDITS
This course will teach the student to formulate an advance anesthesia plan for additional trauma cases and include the formulation of fluid, electrolyte and blood therapy replacement. Students will construct an advanced anesthesia plan for thoracic cases utilizing the development of respiratory and metabolic principles and monitoring. Students will formulate an advance anesthesia plan for vascular and cardiac cases including cardiac procedures.

DNPNA 913 Research Practicum I 1 CREDIT
This course will instruct students on using analytic methods to critically appraise existing literature and other evidence to determine and implement the best evidence for practice. Students will design and implement processes to evaluate outcomes of practice, practice patterns, and systems of care within a practice setting, health care organization, or community against national benchmarks to determine variances in practice outcomes and population trends. They will also design, direct, and evaluate quality improvement methodologies to promote safe, timely, effective, efficient, equitable, and patient-centered care. This is the first part of a two-part course, with DNP-NA 923 (2 credit hours).

DNPNA 914 Clinical Practicum II 4 CREDITS
Students will continue to demonstrate clinical practicum efficiency and safety through hands-on anesthesia care in the clinical setting. Additional opportunities for autonomy will be given and opportunities for staff presentations will be given.

DNPNA 921 Anesthesia Seminar III 1 CREDIT
Students will discuss anesthesia implications for neurological, ophthalmic, gynecological, urologic, and plastic surgery patients. Patient scenario assignments will be utilized that assist the student in evaluation and treating less-common surgical procedures.

DNPNA 922 Advanced Anesthesia Principles III 1 CREDIT
This course will outline details for an advance anesthesia plan for neuro, ophthalmic, high-risk obstetrical cases include regional anesthesia, GYN, urology, and plastic surgery cases.

DNPNA 923 Research Practicum II 2 CREDITS
This course will instruct students on using analytic methods to critically appraise existing literature and other evidence to determine and implement the best evidence for practice. Students will design and implement processes to evaluate outcomes of practice, practice patterns, and systems of care within a practice setting, health care organization, or community against national benchmarks to determine variances in practice outcomes and population trends. They will also design, direct, and evaluate quality improvement methodologies to promote safe, timely, effective, efficient, equitable, and patient-centered care.

DNPNA 924 Clinical Practicum III 4 CREDITS
Students will continue to advance their clinical practicum skills in the clinical setting. Opportunities for more difficult case management will be given and more advanced planning will be expected and required.

DNPNA 931 Anesthesia Seminar IV 1 CREDIT
This course will review anesthesia plan for orthopedic, spine, and neonatal cases.

DNPNA 932 Advanced Anesthesia Principles IV 1 CREDIT
This course will focus on constructing an anesthesia plan for orthopedic, podiatry, geriatric, high-risk pediatric, and burn cases. Regional anesthesia and cases outside of the surgery suite will be studied.

DNPNA 933 National Certification Exam Review 1 CREDIT
This course will help the student evaluate and appraise the SEE exam in relationship to identifying critical study areas for the NCE exam, which will allow them to develop a comprehensive study plan. Students will report on progress of study plans, appraise board preparation skills, and discuss test taking skills.

DNPNA 934 Clinical Practicum IV 4 CREDITS
Students will refine their anesthesia skills and demonstrate proficiency in all areas of their practice. Respect for patients, and others, will be expected. Care plan documentation will be expected to be completed without error and performance in the surgery suite will be evaluated for positive outcomes in all areas. Students will demonstrate mastery of anesthesia practice in areas outside the operating room.

(IPSL)

IPSL 699A2 Study Abroad IPSL 2+2 0 CREDITS
Study Abroad Placeholder

IPSL 699A3 Study Abroad IPSL 3+1 0 CREDITS
Study Abroad Placeholder

IPSL 699H IPSL Home Term 0 CREDITS
Placeholder for IPSL Home Term

IPSL 601 Independent/Directed Study 1 to 3 CREDITS
IPSL recognizes the vital role independent study can play in a student's education. Independent study allows the student to explore a topic of interest under the close supervision of a faculty member who has agreed to direct the student's work. The course may include directed readings, applied work, assisting the faculty member with a research project, carrying out an independent research project, or other activities deemed appropriate by the supervising faculty member and the department. Regardless of the nature of the experience, the work must culminate in a formal project or paper, and a presentation.

IPSL 602 Community Organization/Social Activism 3 CREDITS
This course is taught abroad in the following countries: Argentina, Colombia, Greece, Guatemala, Peru, South Africa, and Vietnam. This course deals with the origin and background of non-governmental organizations in the country of study, including how these groups have been created to respond to essential social problems and the ways that civil society in this country has found to exercise fundamental rights and respond to needs not covered by the state. The different types of organizations studied are: Non-Governmental Organizations, Foundations, Civil Associations, Social and Popular Movements. We will study the history, the birth and the issues on which these social organizations work. We will investigate their contribution to the development of skills and opportunities for the 21st century for growth in the midst of differences. Coursework is complemented by volunteering in a community project and engagement with diverse cultures and viewpoints. Students reflect on national and international practices using the curriculum framework and drawing on discussions with host country nationals.

IPSL 603 Language Across Curriculum 3 CREDITS
This course is taught abroad and on-line in all IPSL countries. This course is designed for students with all proficiency levels in a language spoken in the country where the course is taken. This is a streamlined, focused course designed to produce maximum functional fluency in a specific area of interest. Course topics and vocabulary are carefully compiled to provide students the language patterns they need to successfully navigate professional/social situations while living and studying in the country. This course helps students achieve proficiency not only in conversational language but also in skill areas necessary for further study, such as phonetics, grammar and sentence structure.

IPSL 604 Sponsored Research 3 CREDITS
This course is taught abroad in the following locations: Argentina, Colombia, Greece, Guatemala, Peru, South Africa and Vietnam. Through a pre-approved, supported, and scaffolded research project, this graduate course introduces the in-country history of and current effective practices in community and civic engagement, including domestic and international volunteerism, community building and organizing, and social activism. Coursework is complemented by service efforts in the community; students reflect on service using both local and international lenses through reflection activities.

IPSL 608 Special Topics 1 to 3 CREDITS
A changing topics course.

IPSL 620 Afro-Colombian History and Culture 3 CREDITS
This course is taught abroad in Colombia or on-line. This course is an interdisciplinary examination of the history, politics, race, class, gender and cultural expression of the African Diaspora in the Caribbean region with special focus on Afro-Colombians. Special attention will be given to issues in the creation of a multicultural society, such as the dynamics of cultural identity, social and political issues. We will approach this course from a holistic perspective within a framework of Afro-Caribbean Studies. We situate multidisciplinary interpretations of history and culture within their socio-historic contexts, and assess these interpretations, especially from less-privileged and less-represented perspectives. In the case of the Caribbean, this means critical readings of European and American history and finding the voices and cultural expressions of the people of Indigenous, African, and Afro-Mestizo ancestry. This interdisciplinary subject provides students with the opportunity to study issues relevant to the distinctive physical, political and socio-economic challenges facing Colombia. Such study integrates perspectives from various disciplines including, Cultural Studies and Ethics, Economics, Government and Politics, History, International relations, Physical and Human Ecology, and Sociology, as tools for understanding Colombian society and culture.

IPSL 621 Conflict Peace Reconciliation: Colombia 3 CREDITS
This course is taught abroad in Colombia or on-line. The course provides a framework for exploring the comparative peace and reconciliation processes in four different regions: Northern Ireland, South Africa, Rwanda, and Colombia. This course explores the meaning of political reconciliation, the role of forgiveness in politics and the debates surrounding the creation of War Crime Tribunals, Truth Commissions and Administrative Purges. Since we are in a post-conflict society (Colombia), this course will transcend theory. Through a series of meetings with researchers, policy makers, and diplomats, we will see how different countries have confronted legacies of violence, abuse and other human-caused disasters. Examples include paths to peace in South Africa's struggle after Apartheid, Northern Ireland's attempt to end decades of sectarian violence between Catholics and Protestants, Rwanda's ethnic-centered violence, and Colombia's return to peace after years of violence and intimidation as a result of the international narcotics trade.

IPSL 622 Escobar to Santos: Modern Colombia 3 CREDITS
This course is taught abroad in Colombia or on-line. It is impossible to talk about Modern Colombia without an examination of the impact of the decades long "narco-trafico" - the narcotics trade that was at the center of Colombia's political, economic, and social structures. The socio-political core of Colombia is what it is today, in part, because of the illegal drug trade. By the same token, Colombia is not the same country it was one generation ago, which is when Pablo Escobar, the head of the Medellin Drug Cartel, died. At the time one of the wealthiest men in the world, Pablo Emilio Escobar Gaviria continues to engender strong opinions on all sides and all spectrums. Some of the nation's poorest people praise Escobar's attention to the plight of the poor. Other Colombians - and foreigners - rightfully bring attention to the violence - and the tens of thousands of dead - that were part of the drug trade and the accompanying terrorism. The years of "narco-trafico" affected countless Colombians, and many others, during those years, and the history is only starting to be discussed and researched. The first part of the course provides an overview. We then investigate drug production in the Americas and the organizations that engage in these activities. After that, we will look at the costs of narcopolitics in the developing world, in terms of corruption and violence. Next, we will shift our attention to the U.S. and examine both drug trafficking counternarcotic efforts and the impact of the so-called "War on Drugs." The final part of the class will examine the effect of recent and

proposed reforms to drug policies and, of course, the reconciliation and peace processes that have brought stability, peace and economic growth to Colombia.

IPSL 630 Sustainable Micro-Enterprise/Field Work 3 CREDITS

This course is taught abroad in Greece. This graduate course is designed to familiarize students with different types of enterprises in Rural Communities and explore national and international case studies as well as opportunities and challenges in sustaining micro and small-sized enterprises (SME). It sets out the criteria for identifying whether a company is a micro, small or medium-sized enterprise (SME). These different categories, based on the number of a company's employees and its turnover or balance sheet, determine its eligibility for EU and national financial and support programs, especially in the more rural areas of Europe.

IPSL 631 Greek History Culture Language 3 CREDITS

This course is taught abroad in Greece. This course is designed to familiarize students with Greek history and culture. Its aim is to explore the 5000 years of Greek history, understanding why Greece is still considered the cradle of our civilization, stopping at its greatest moments, discovering those elements that made Greece stand out through the ages, exploring ancient Greek art and culture and understanding the ways and the degree it shaped the western world. The course will connect the dots from prehistoric times and the era of the great heroes and legends, like Hercules, Odysseus and the Trojan War, with the achievements of Ancient Greece, the troubled years of Medieval and Byzantine Greece until its independence after the Greek Revolution of 1821, and Greece in the 21st century. Taking place in a large, vibrant port city of Thessaloniki, with a history of over 2500 years, the students will be able to experience Greece's living history firsthand and learn the basics of the Modern Greek language in context with the course content.

IPSL 632 The Rise of Social Solidarity in Greece 3 CREDITS

This course is taught abroad in Greece or on-line. This course explores the concept of solidarity, or social unity, in the context of austerity and refugee burdened Greece. Austerity measures motivated community efforts including soup kitchens and free pharmacy distribution clinics. At the height of the European refugee crisis, civilian volunteers offered clothing, food, transportation and shelter to immigrants and refugees entering Greece. This course explores how these two crises moments have challenged established forms of sociality and motivated a movement towards national and global solidarity. Drawing on literature, engaging with ongoing NGO and government efforts, in addition to directed discussions with Greeks.

IPSL 633 Creative Thinking and Entrepreneurship 3 CREDITS

This course is taught abroad in Greece or on-line. This graduate course is about productive thinking and is designed to assist students in developing critical and creative thinking skills that are essential ingredients to enhance their innovation and decision-making skills. These skills include the ability to make well- reasoned decisions, solve problems skillfully, and make carefully thought-out judgments about the worth, accuracy, and value of information, ideas, claims and proposals. Students will apply various modes of thinking to address critical business issues and workplace applications.

IPSL 634 Mediterranean Diet and Lifestyle 3 CREDITS

This course is taught abroad in Greece. This course focuses on the Mediterranean Diet and the Mediterranean way of life. It is designed to help students develop an understanding about the specific diet and its health benefits, the main ingredients and produce, research the theory of the Mediterranean way of life, and to provide an international perspective through a rich study abroad program with valuable experiences that students can draw from and finally, through cooking workshops, offer students hands on experience on the secrets and makings of the Mediterranean cuisine. We will also examine the cultural and emotional interconnections that influence what, and how we eat, and how we socialize with, and around food. Greek cooking offers an incredibly rich and diverse array of foods and beverages that are the culmination of literally thousands of years of living, cooking, and eating. While each Greek meal is fresh and inviting, it is also a trip back through Greece's history.

IPSL 635 Mediterranean Outdoor Exploration 3 CREDITS

This course is taught abroad in Greece. This course focuses on Leadership, through instruction and experiences in Outdoor settings. The "About Limits: Mediterranean Outdoor Exploration & Leadership" course is to prepare participants to have the academic background skills and necessary experiences to analyze, plan, implement, lead and supervise teams, not only in an outdoor environment but also in academia or a corporate setting, through experiential and physical challenges. It is designed to help students develop conditional leadership skills, understand group development and communication, and empower facilitation techniques in an outdoor environment. In addition, the course provides opportunities to sharpen the creative decision-making process, meet challenges for problem solving and sound judgment, and all this in the wild Greek mountains. Moreover, the program emphasizes the environmental ethics and "Leave No Trace" approach. We will, also, analyze the main domains of a risk management plan through outdoor activities and discuss how this knowledge could be transferred in a business or corporate environment. Finally, the course uses team bonding activities and tries to teach and enhance decision making skills through games in the outdoors. The Greek mountains offer an incredibly rich and diverse natural environment with physical challenges, breathtaking scenery accompanied with endless chats over delicious meals by the fire.

IPSL 640 Guatemala One Health: Ecology Cult Just 3 CREDITS

This course is taught abroad in Guatemala. This course captures the interconnectedness of people, the environment, and animals that we use for food in-situ. These topics are examined through a One Health lens, through site visits and hands-on service projects with local Guatemalan farms, cooperatives, and community-based agricultural initiatives. Students have the opportunity to reflect upon their service and experiential learning via reading reviews and reflection workshops throughout the course. Students live, study, work, and make new and interesting connections such as with local community organizers, other volunteers and students and international researchers, who enrich and strengthen the outreach of the organization to the surrounding communities. Students should have a strong interest in nutrition and food politics, as well as environmental conservation and public health. Experience with the Spanish language is highly recommended but not required.

IPSL 641 Maya Cosmovision & Health Systems 3 CREDITS

This course is taught abroad in Guatemala. This course offers the opportunity to get immersed in the reality of some of the many indigenous communities in Guatemala and to reflect on intersecting issues related to Maya health, spirituality, and intercultural history. During the course, students will participate in lectures, workshops, site visits, and dialogues with indigenous health services providers in community-based organizations. The course is co-designed and taught by a Maya Kaqchikel spiritual guide and healer with many years of experience and extensive knowledge in ancestral healing techniques, herbal medicine, fire ceremonies, and Maya culture. By exploring a Maya & intercultural perspective on health services in Guatemala, students will have the opportunity to understand the struggles and experience the successes of a living and breathing ancestral medical system that integrates a variety of voices, bridges socioeconomic differences, and offers culturally appropriate solutions to the physical, mental and spiritual ailments of the local population.

IPSL 650 Enviro Justice As a Soc Movement in Peru 3 CREDITS

This course is taught abroad in Peru or on-line. Biological diversity is one of the most valuable assets our society has in order to achieve Sustainable Development. This course provides knowledge of the theory and practice of this concept. Topics aim to stimulate a critical examination of the potential of biological resources and interactions in meeting sustainability goals while also understanding the need for a constant economic growth and social equity. This course is specifically created to address the complex issues of Environmental Sustainability as they relate to biodiversity conservation with its main focus in Peru.

IPSL 651 Incan Architecture Urban Dvlp in Andes 3 CREDITS

This course is taught abroad in Peru or on-line. The course is intended to introduce students to the general, quantitative and qualitative aspects of the evolution of architecture and urban planning in the Andes in South America. We will cover the aspects of territorial, agricultural and civic management under Andean societies and its development through the height of its glory under the Inca culture. The course covers conceptual aspects such as the evolution of Andean society, its historical background, the geography, environment, and overall community health of the central Andes, the interaction between society and its territory and environment. We will review the history of the origins of the American Caral civilization, early urban planning, ceremonial temples of the formative period, the first cities of the ceremonial centers upon the emergence of the urban theocratic centers, the Moche city, the rise of the Andean Wari Empire, the late states and feudal estates, coastal cities, high Andean settlements, Moche architecture

and urban planning, the capital city of Chimu, the city of Chanchan, the Pachacamac ceremonial center, through the development of the Inca Empire and the colonial development of the city of Cusco.

IPSL 652 Indigenous Knowledge Traditional Healing 3 CREDITS
This course is taught abroad in Peru or on-line. Traditional healers are found in every society. Their knowledge and leadership have been key in the survival of ancient communities since the beginning of humanity. This course provides information that underscores this concept. Topics aim to stimulate a critical examination of the role of traditional healers in Peru going back to the Pre-Inca Cultures, through the Inca Empire and finishing in our current society. This course examines the historical, political, economic and social forces shaping the health and wellness of Indigenous peoples and communities in Peru and around the world. We examine health, healing and wellness in its broadest interpretation, and as such, consider histories of state violence and colonialism, struggles for sovereignty/land rights and self-governance, structural violence and environmental racism, truth and reconciliation politics, ecological struggles over energy, water and pollution, and contemporary bio-politics in urban and rural settings.

IPSL 660 Ethics & Cmty Health in South Africa 3 CREDITS
This course is taught abroad in South Africa. Through the interdisciplinary coursework in this program, students learn about contemporary public health issues in South Africa through hands-on training with IPSL's partner organization in Cape Town, South Africa. By uniting service with traditional learning, students gain knowledge about the historical, political, economic, cultural, and geographic forces that shape the history of public health interventions in South Africa. The service places students at the nexus of Community-based Health, Social Enterprise, Volunteer Development, and the struggle for Social and Racial Justice. Through lectures from scholars and scholar-practitioners, readings, hands-on service, and selected site visits in the region, students critically examine topics related to health promotion and provision, traditional healing, rural health and social justice in South Africa.

IPSL 670 Environmental Science Sustainable Dvlpmt 3 CREDITS
This course is taught abroad in Vietnam or on-line. This course will provide current basic knowledge of the fundamental features and functions of the natural environment, including: natural resources; geo/natural disaster-hazards; the human impact on the environment; and the role in solving problems related to human activities in hazard adaptation and mitigation, in decision-making policies on sustainable development, resource use and environmental protection. The goals of the course are to improve awareness of (and provide techniques for) the sustainable use of natural resources, environmental protection, and sustainable development. Content will emphasize interdisciplinary and integrated approaches.

IPSL 671 Global Health & Environment: Vietnam 3 CREDITS
This course is taught abroad in Vietnam or on-line. Global health has been defined as an area for study, research, and practice that places priority on improving health and achieving equity in health for all people worldwide. This course examines major global health challenges, programs and policies, with practical examples in Vietnam. Students will be introduced to Southeast Asia's diversity of determinants of health and diseases. Students will explore and analyze current and emerging health priorities, including infectious zoonotic diseases, poverty, environmental pollution, dioxin/Agent Orange and the "American" (Vietnam) War's legacy. Health inequity, health systems reforms, health policy advocacy, and major initiatives for disease prevention and health promotion in Vietnam will be examined with an eye toward comparative study with health in a "developed" nation.

IPSL 672 Public Space in Urban Planning 3 CREDITS
This course is taught abroad in Vietnam or on-line. In this dynamic course on public space inclusion in Vietnamese urban planning, you will explore the critical role that public spaces play in fostering vibrant, inclusive, and sustainable cities. Guided by expert instructors and drawing upon multimodal learning approaches, you will gain a comprehensive understanding of the principles, strategies, and best practices for effectively incorporating public spaces into urban planning processes. Through a combination of theoretical insights, case studies in various Vietnamese cities, and interactive discussions, you will delve into the various dimensions of public space design, activation, and management. You will examine the social, cultural, economic, and environmental aspects of public spaces, considering how they shape community identity, encourage social interaction, enhance livability, and promote environmental sustainability. Throughout the course, you will engage in hands-on exercises and collaborative projects to develop practical skills in analyzing, conceptualizing, and designing inclusive public spaces. You will explore innovative approaches such as participatory design, placemaking, and tactical urbanism, and learn how to integrate diverse perspectives, including those of marginalized communities, into the planning process

IPSL 673 Sustainable Tourism in Vietnam 3 CREDITS
This course is taught abroad in Vietnam. Sustainability is a key concept of 21st century planning in that it broadly determines the ability of the current generation to use resources and live a lifestyle without compromising the ability of future generations to do the same. Sustainability affects our environment, economics, security, resources, health, economics, transportation and information decision strategy. It also encompasses decision making, from the highest administrative office, to the basic community level. This course will cover many aspects of sustainable tourism across a range of the topical fields involved in researching or implementing sustainable tourism projects. The major topics to be discussed include general knowledge of tourism and sustainability and operations and marketing for sustainable tourism. Discussions will aim to bring understanding of alternative forms of tourism such as ecotourism and community-based tourism and "pro-poor" tourism approaches. Students can direct their focus to particular interests such as community engagement, cross- cultural education and communication, volunteer development and management, etc.

IPSL 680 History Ethics International Development 1 CREDIT
This course is taught on-line from the U.S. This course examines the history, current state, and emerging trends in international development and global service-learning. Topics addressed will include historical roots (including an overview of international volunteerism, international education, and international aid/development), current statistics, individual/organizational/institutional motivations and benefits, effective practices and trends, and ethical and philosophical issues relevant to modern international development and global engagement.

IPSL 681 Global Participatory Action Research 1 CREDIT
This course is taught on-line from the U.S. This course introduces students to different research approaches used by social scientists to systematically understand social phenomena. Students will gain the knowledge necessary to analyze, understand, and engage in social/behavioral science research as well as learn the basic framework and skills required to design and implement a research study. Particular attention will be paid to Community Engagement and Participatory Action Research goals, ethics and techniques as well as the nuts and bolts of designing a research protocol that is ready for IRB submission and review. Students will develop a research question and write a draft protocol to completion.

IPSL 682 Study Abroad Re-Entry 1 CREDIT
This course is taught on-line from the U.S. During this hands-on re-entry learning and practice course, students will present on their personal challenges and opportunities, summarize their culminating projects, learn practices for personal goal development, explore strategies for continued professional development and career advancement and share resources.

IPSL 690 Culminating Project/Thesis 3 to 6 CREDITS
The culminating project/thesis course is a comprehensive endeavor that allows students to showcase their academic achievements and mastery of their chosen field of study. In this course, students may undertake an in-depth research project and/or creative endeavor that embodies their years of learning and skill development. They employ a multidisciplinary approach, combining theoretical knowledge with practical applications, and produce a substantial written document or creative output. The project serves as a culmination of their educational journey, demonstrating their ability to think critically, conduct independent research, and contribute meaningfully to communities around the globe.

(MACC)

MACC 602 Information Tech Business Environment,Environment 2 CREDITS
This course explores the use of information technology in both the domestic and global business community. Special emphasis will be placed on IT security, networks, electronic commerce, and internal reporting. This course must be taken concurrently MBA 630C.

MACC 603 Financial Accounting Research 2 CREDITS
This course focuses on the creation of financial reports in a global community. Special emphasis will be placed on the differences between IFRS and GAAP. The course will also explore the topics of consolidations, derivatives, hedging, leases, employee benefits, and contingencies.

MACC 604 Governmental and Nonprofit Accounting 2 CREDITS
This course focuses on the creation of financial reports in a global community. This course will focus primarily on the regulatory environment governing the reporting of financial information for both governmental entities and non-for-profit organizations.

MACC 608 Auditing and Attestation 2 CREDITS
This course studies the audit and attestation functions performed by professional accountants. The course will closely examine the responsibilities of the auditor, including risk assessment, audit planning, and the evaluation of internal controls. Students will have the opportunity to consult with a local business on the audit of internal controls.

MACC 611 Advanced Federal Taxation 2 CREDITS
This course surveys a variety of advanced federal tax topics related to individuals including property dispositions, wash sales, original issue discounts, self-employment tax, and estate, trust, and gift taxes. By the end of this course, students will be able to analyze these tax issues and complete the related reporting requirements. Course will be offered Spring Block 1.

MACC 612 Accounting Analytics 2 CREDITS
This course provides graduating accounting students with an introduction to data analytics as used in the accounting profession. The course will cover accounting data integration methods and programs. This course will also focus on decision making using data analysis.

MACC 620 Accounting Ethics 2 CREDITS
This course focuses on the ethical decisions accountants face during the recording, reporting and auditing of financial information and the legal environment in which business operates. Particular emphasis will be placed on the professional responsibilities assumed by CPAs and other professional accountants.

MACC 621 Tax Planning & Compliance for Individual 2 CREDITS
This course surveys a variety of federal tax topics related to individuals, their businesses and the transfer of their wealth including property dispositions, capital gains and losses including wash sales, original issue discounts, taxation of miscellaneous income, self-employment tax, and estate, trust, and gift taxes. Offered Spring semester. Prerequisites: Admission to the Masters of Accountancy program.

MACC 622 Taxation of Corporations I 2 CREDITS
This course will introduce students to the federal taxation of corporations and shareholders and related topics including corporate income tax, penalty taxes on undistributed corporate income, control groups, affiliated corporations, corporate formation, capital structure, dividends and other non-liquidating distributions.

MACC 623 Taxation of Corporations II 2 CREDITS
This course will explore advanced topics of the federal taxation of corporations and shareholders including tainted stock, stock redemptions, liquidations, taxable acquisitions, reorganizations, introduction to S conversions, and transition issues raised by changing from a C corporation to and S corporation and vice versa. Offered Spring semester. Prerequisites: Admission to the Masters of Accountancy program.

MACC 624 Taxation of Pass-Through Entities I 2 CREDITS
This course will introduce students to the federal taxation of partnerships, partners and S-corporations and related topics including partnership formation, acquisition of partnership interests, operations, cash and property distributions. Offered Spring semester. Prerequisites: Admission to the Masters of Accountancy program.

MACC 625 Taxation of Pass-Through Entities II 2 CREDITS
This course will explore advanced topics of the federal taxation of partnerships, partners including partnership liabilities, transactions between partnerships and partners, disguised sales and exchanges, optional basis adjustments, disproportionate distributions, retirement/death of a partner, and termination of a partnership. Offered Spring semester. Prerequisites: Admission to the Masters of Accountancy program.

MACC 630 Federal Taxation of S-Corporations 2 CREDITS
This is an introductory course to the federal taxation of sub-chapter S corporations. Topics for this course include eligibility requirements; how to make sub-chapter S elections; state tax issues; trusts that qualify as S corporation shareholders; S corporation accounting and reporting; allocation of income, losses, deductions; adjustments to basis; and distributions and accumulated adjustments account.

MACC 650 Corporate Governance 1 CREDIT
This course explores the recording and reporting of financial information to assist management with planning and control issues. Special emphasis will be placed on the global, microeconomic, and macroeconomic environment in which businesses operate. Students will study how to use accounting to control business operations (and mitigate risk) in this dynamic environment. This is an instructor-guided online course, with a set study plan to complete the materials for the Business Environment and Concepts (BEC) section of the CPA exam by the end of the semester.

MACC 651 Financial Accounting and Reporting 2 CREDITS
This course focuses on the creation of financial reports in the global community. Students will study the financial accounting rules that govern the measurement, recording, and reporting of financial transactions of publicly-traded companies. The course will also explore the topics of consolidations, derivatives, hedging, leases, employee benefits, and contingencies. This is an instructor-guided online course, with a set study plan to complete the materials for the Financial Accounting and Reporting (FAR) section of the CPA exam by the end of the semester.

MACC 653 Advanced Audit 1 CREDIT
This course studies the audit and attestation functions performed by professional accountants. The course will closely examine the gathering and evaluation of audit evidence, including the use of computerized audit programs. The course will also cover the various type of reports issued in an audit or attestation engagement. This is an instructor guided online course, with a set study plan to complete the materials for the Auditing and Attestation (AUD) section of the CPA exam by the end of the semester.

MACC 655 Forensic Acct & Financial Investigations 2 CREDITS
This course covers concepts, skills, and hands-on practical experience required to navigate successful financial investigations and forensic accounting engagements. Students will be introduced to common fraud schemes, differences between forensic accounting and financial statement auditing, skills and tools utilized by forensic accountants, and the role accountants serve within the legal environment. In addition, they will expand their ability to deal with uncertainty, appropriately research financial situations, and critically evaluate the potential of fraud within an organization.

MACC 656 Careers in Accounting Lecture Series 1 CREDIT
This course provides students the unique opportunity to hear from professionals in both the accounting industry following traditional accounting paths as well as those who have used their accounting education in unique ways. Through a series of guest speakers, the class explores the various paths students may take in their careers. This series will include speakers from audit, tax, law, forensics, government, data analytics, and corporate executives.

MACC 660 Special Topics in Accounting 1 to 3 CREDITS
Special topics in accounting will be offered periodically under this course number.

(MACOL)

MACOL 665S Internship 1 to 8 CREDITS

MACOL 601 Found of Organizational & Social Change 3 CREDITS
This course explores concepts of community, leadership, and social change. Through course resources, class discussions, and research in the community, students will deepen their understanding of the root causes of contemporary crises, theoretical frameworks which assist in explaining these, and ways social movements are addressing root causes and bringing about social change.

MACOL 602 Discourse and Research Methods 3 CREDITS
Students will develop a comprehensive understanding of social change, social movement, and critical theoretical paradigms that frame their community-based research. Students will survey a variety of qualitative research methods and have the opportunity to put these methods into practice.

MACOL 603 Policy, Advocacy, & Community Organizing 3 CREDITS
This course builds students' understanding of how public policies are made and develops skills in working within communities. Students will study and develop skills to be effective in influencing policies through advocacy and develop a tool kit of community organizing strategies. Students will build on their knowledge of a specific issue and the relevant actors from previous courses to develop a plan to engage in advocacy and organizing around their issue.

MACOL 606 Envisioning Futures 3 CREDITS
Futures thinking skills enable people to envision possible futures, prepare for them, and develop creativity, hope, and resilience during rapidly changing times. This course explores a variety of ways people are imagining and creating new futures, such as equity-centered design thinking, prefigurative movements, and arts-based approaches. The course teaches future thinking skills including research into emerging trends and drivers, imagining futures, and developing future scenarios with action-planning components.

MACOL 608 Special Topics in Community Leadership 1 to 3 CREDITS
A changing topics course.

MACOL 610 Introduction to Development 1 CREDIT
Introduces students to the basics of fund-raising, including making a case for funding and asking for a gift; several types of funding including annual funds, capital campaigns, planned giving, and special events; and working with a Board of Directors in fund-raising.

MACOL 612 Corporate/Foundation Relations 1 CREDIT
This course will teach students how to find possible corporate and foundation funding sources, how to write grants, and how to work with a board of directors in seeking funding from corporations and foundations.

MACOL 614 Working with Volunteers 1 CREDIT
This course will focus on how to develop and set up a volunteer program and how to work with volunteers. This includes identifying the need for volunteers, finding, recruiting, screening, retaining, developing and organizing volunteers.

MACOL 616 Nonprofit Boards of Directors 1 CREDIT
This course helps students develop their skills and knowledge to work effectively with nonprofit boards of directors. A key focus is the delineation of roles of and relationships between board members, executive directors, and staff. The course will also explore board development, board accountability, board sustainability, and effective governance.

MACOL 618 Facilitating and Negotiating 1 CREDIT
Skilled facilitation and collaborative decision-making processes can ignite and guide a group's passion and ideas to places they may have never imagined. Whether you find yourself in a high-stakes business meeting or a community organizing space, this class will build your toolbox of facilitation skills, allow you to reflect on yourself as a facilitator, and bring equity to the center as we explore power dynamics that show up in collaborative spaces.

MACOL 620 Advanced Community Organizing 3 CREDITS
This course enables students to develop their skills in community organizing through study and practice with a community group. Students will assess their current skills and knowledge, develop a learning contract for the semester, participate in an organizing role with an existing community group, evaluate their effectiveness, and share their findings with classmates.

MACOL 622 Program Planning and Evaluation 3 CREDITS
This course teaches the processes of planning and evaluating development, social service, and educational programs. Students will develop their skills in the negotiation and design processes of planning, setting up data collection processes that enable data-driven decision making, and evaluating programs and using evaluation results for program improvement. The course helps students understand ethical and political issues in program planning and evaluation. Prerequisite: MACL 603.

MACOL 624 Leadership, Conflict & Change 2 CREDITS
This course introduces students to research and theorizing on processes of organizational change and development. Students will develop skills in leading such processes, along with developing skills for leading in situations of conflict. Students articulate their working philosophy of leadership and change.

MACOL 626 HR Equity & Compliance Practices 2 CREDITS
This course covers legal requirements for compliance in Human Resources practices relating to equity in the workplace. Topics covered will include state and federal regulations, key business practices to consider, responding to complaints, and strategies for ensuring compliance. Students will learn the importance of best practices for compliance in building an equitable and inclusive workplace.

MACOL 629 Crisis Management 2 CREDITS
We face a plethora of crises in the world today. How we handle them, as individuals, organizations and societies, depends on our understanding of, and preparation for, crisis management. We will use critical methods of analysis with real-world examples to apply the knowledge we gain on this crucial topic to preparing for and handling crisis situations.

MACOL 630 Community Leadership: International,Contexts 2 CREDITS
Students travel outside the U.S. to explore 1) the work of grassroots and nongovernmental organizations, 2) leadership and development models in other cultures, and 3) the connections between the U.S. and other countries on issues such as immigration and trade. Instructor permission required.

MACOL 636 Arts, Culture, and Communities 2 CREDITS
This course explores the vitality in communities and the unique role that culture plays. The course examines the dynamic relationships between artists, cultural organizations, and communities and ways that culture can be a catalyst, convener and/or forum for economic, social, environmental, civic and cultural development. Students will develop an understanding of how professionals, organizations, individuals, etc. are incorporating innovative culturally-based processes in diverse settings that can help inform their community work.

MACOL 637 Foundations of Holistic Wellness 3 CREDITS
This courses introduces foundational frameworks of holistic wellness, research supporting the effectiveness of wellness practices, wellness as a prime contributor to individual and community transformation and offers an opportunity to experience a range of wellness practices. Connections will be made to social determinants of health, resilience, healing and spirituality.

MACOL 639 Neuroscience of Trauma 3 CREDITS
This class will serve as an introductory course in the biological bases of human behavior with a specific focus on developmental childhood trauma and PTSD. Topics will include an overview of central nervous system structure, brain function and development, and include an introduction to emotional and cognitive processing in the brain.

MACOL 640 Trauma-Responsive Organizations 2 CREDITS
This course will teach principles of trauma-responsive practices. Students will investigate traditional practices, policies, and structures found within a variety of organizations and critically analyze how they impact the success of youth and adults who have experienced individual and collective trauma. Students will learn strategies that organizations can use to reduce activating trauma-reactions among constituents and employees and ways organizations can be proactive in creating internal and outward practices that foster inclusion and equity.

MACOL 642 Restorative Justice 1 CREDIT
This course provides a critical examination of restorative justice principles and practices within the community. Students with explore the efficacy of restorative justice practices as an alternative to punitive discipline policies and procedures within school settings, organizations and within the criminal justice system. Students will learn about the variety of restorative justice practices and deepen their understanding of application of these practices in a specific setting of interest to the student.

MACOL 643 High Performing Organizational Cultures 2 CREDITS
Every organization has a culture. This culture can either enable or hinder organizational success. In this course, we will work with a number of tools that

will help you understand what you do and perhaps do not know about your organization's culture; assess your organization's culture and identify areas for improvement; think strategically about the possibilities of organizational culture change; and identify specific action steps you can and should take to move your organization along the journey of being a high-performing organizational culture.

MACOL 654 Organizational & Leadershp Communication 3 CREDITS
Provides a broad survey of communication-based perspectives on organizational topics with an emphasis on leadership communication practices. Within the context of an organizational setting, students explore situations in which to apply specific leadership styles with regard to various topics (for example, ethics, power, persuasion, crisis, and teamwork).

MACOL 655 Intercultural and Global Communication 3 CREDITS
Develops an understanding of strategies that facilitate effective communication with diverse cultures in various contexts through the exploration of theories and frameworks of intercultural, cross-cultural, and co-cultural communication.

MACOL 656 Integrated Marketing Communication 3 CREDITS
Analyzes target audiences, types of messages, segmentation strategies, evaluation plans, and associated collateral material to determine how to most effectively distribute messages to target markets. The focus is on integration (or synthesis) of marketing communication with strategic marketing.

MACOL 662 Social Media Marketing 1 CREDIT
Provides students with the fundamentals of using social media in marketing. The class covers strategies for creating campaigns, measuring performance, gathering and engaging fans/followers, and creating media content for social media and blogs.

MACOL 665 Internship 1 to 4 CREDITS
An internship enables students to develop skills and expertise in an area of interest and to explore possible career or job paths. Students arrange an internship with an organization or agency, complete the application process through the Career Center, and complete regular reflection assignments. This course may be used to fulfill Curricular Practical Training requirements. This course is repeatable for credit.

MACOL 668 Directed Studies 1 to 3 CREDITS
Consent of instructor required to pursue a special topic of interest. Prior to registration, a plan of study must be submitted for approval by the director of the program. This course is repeatable for credit.

MACOL 670 Research Extension 1 CREDIT
This course extends the MACOL Capstone Project sequence coursework, enabling students to deepen their research projects and further develop their skills in conducting academic research. Projects in the course may include finding and evaluating academic literature, academic writing, synthesizing and analyzing data, learning additional data collection methods, and preparing manuscripts for publication. Course meets on-line in a directed study format and may be repeated.

MACOL 679 Capstone Project Development 3 CREDITS
Students will design a final research project, creative project, or internship which integrates the knowledge and skills learned throughout the program and which benefits a community organization or effort. Students will plan the project in consultation with a faculty member and an outside professional.

MACOL 680 Capstone Project 3 CREDITS
Students complete the capstone project designed in MACL 679 and present final results. Completion of program portfolio required.

(MAT)

MAT 600 Culture, Family, and Community 3 CREDITS
This course focuses on family and community engagement in school. Using the concept of Funds of Knowledge, prospective teachers explore the abundant knowledge that schools can learn when they engage families. They explore how students bring funds of knowledge from their homes and communities for classroom concept development and building classroom community. Ideas for developing classroom communities that promote trust and encourage dialogue are emphasized.

MAT 602 Foundations of Ed in a Diverse Society 3 CREDITS
This course is designed to introduce students to educational theories and philosophies with the goal of bridging theory to practice. Students will examine, integrate, and apply various dynamics and principles of learning theories to practical classroom environments. Emphasis is placed upon the joining of learning theory and instructional practice, as a means to personal transformation of teacher professionals. The readings will guide students toward understanding a critical perspective on the sociology of schooling. An exploration of how schools have evolved, the political, economic, and social forces that shape those schools today, and the major issues facing public educators. An examination of the way schools operate in relation to race, class, gender, and sexual orientation. The course helps students understand a variety of philosophical systems that shape public education and guides students to articulate their own philosophy about teaching and learning.

MAT 605 Tchng Exceptnl Learnrs in Inclusv Clsrms 3 CREDITS
This course is designed to provide an examination of the professional roles and responsibilities of general educators and special educators in K-12 schools. These roles require an understanding of the salient topical issues impacting exceptional learners as well as issues surrounding general and special education classrooms. High leverage practices (HLPs) supported by research evidence will also be introduced in this course. These HLPs have significant potential for improving academic and behavioral outcomes for exceptional learners in inclusive classrooms.

MAT 607 Student Teaching Seminar 1 CREDIT
This seminar provides a forum for teacher candidates to share information, address concerns, and network with supportive peers and faculty members during their student teaching. Additional foci on the teacher candidates' capstone assessment and career guidance are also provided.

MAT 610 Managing the Inclusive Classroom 4 CREDITS
Students will examine, integrate and apply various dynamics and principles of classroom management to practical classroom environments. This course will prepare prospective secondary teachers to create a personal classroom management plan, analyze their own teaching and conduct action research. Discipline, interpersonal relationships, classroom climate, home and parent involvement, conflict resolution, restorative discipline and providing meaningful opportunities for student voice will be addressed. Prerequisite: MAT 600.

MAT 611 Curriculum Design and Management 3 CREDITS
This course covers the principles and practices of secondary school teaching. Included are instructional methodologies, management techniques, strategies, approaches, and philosophies that are workable in today's middle and high schools.

MAT 612 Secondary Methods Seminar 2 CREDITS
Through synchronous class sessions and asynchronous field work tasks, this seminar provides a forum for discussion on the linkages and curriculum threads among the methods courses. It provides opportunities for team presentations on their burgeoning teaching skills, career preparation for obtaining a professional teaching position, and exploration of how Professional Learning Communities (PLCs), the Utah State Legislature and school boards impact their teaching.

MAT 613 Secondary General Methods and Assessment 4 CREDITS
This course provides educators with the opportunity to reflect on their classroom assessment beliefs and practices. Formal discussions focus on the selection, design, administration, and interpretation of a variety of assessment methods. It will examine the use of assessment results to make instructional decisions, plan instructional activities, and develop appropriate grading practices. Discussions are designed to stimulate thought and provide specific opportunities through which teachers can develop effective assessment practices. Prerequisite: MAT 611.

MAT 614 Content Lit for Diverse Lang Learners 4 CREDITS
This course provides students with a pedagogical and dynamic background in the field of literacy and applications in content areas and in the instruction of Diverse Language Learners. Students will encounter a socioculturally nuanced/multimodal definition of literacy that includes reading, writing, listening and speaking. Theory, research, and practice as presented in the

current scholarly and professional literature will serve as a foundation/ resource for students in the course. Students will read texts and learn content area reading and language learning strategies in order to explore the relationship between research and practice. Students will also read and discuss content area-specific information, or disciplinary literacy; sheltered instruction for DLLs, and the integration of technology. Prerequisite: MAT 600.

MAT 615 Secondary Student Teaching 6 CREDITS
Provides mentored classroom experience under the supervision of a certified secondary teacher. Placement requires observation, participation in, and direct responsibility for classroom work and conferences with the mentor teacher and college supervisor.

MAT 616 Methods of Teaching Secondary School,History and Social Science 3 CREDITS
This course covers principles, methods, and materials, from both a theoretical and a practical perspective, for teaching secondary history and social science. Prerequisite: MAT 600.

MAT 617 Methods of Teaching Secondary School,Science 3 CREDITS
This course will prepare secondary teachers in the use and understanding of the scientific method and inquiry based learning. In addition students will learn curriculum planning, development, and assessment.

MAT 619 Methods Teach Secondary School English 3 CREDITS
Preparation for secondary and elementary teaching majors and minors to teach English in a culturally rich school setting. Includes methods of teaching language, grammar, composition and literature. Prerequisite: MAT 600.

MAT 621 Methods of Teaching Secondary School Art 3 CREDITS
This course is an overview of the methods of secondary art education. It explores the content areas of art education (studio art, art criticism, art history and aesthetics) as well as teaching approaches. This course is a hands-on methods course in which students are required to design and implement secondary level art lessons and experiences.

MAT 622 Methods Teach Secondary School Math 3 CREDITS
An overview of methods employed in teaching mathematics at the secondary level. Students develop understandings of what it means to be a math teacher as they work with school mentors.

MAT 624 Methods Teach Secondary School Language 3 CREDITS
This course is designed to give students new ideas and approaches for teaching the four language skills and to establish and maintain effective classroom communities of foreign language learners. The course will emphasize learner differences, cognitive development, and learning styles along with the different modes of language assessment.

MAT 625 Methods Teach Secondary School Fine Arts 3 CREDITS
This class explores the culture of what it means to be a teacher of theatre and/ or music in a secondary school. The focus is primarily on the practical aspects of teaching these disciplines including exploring interconnections between the discipline and classroom management, assessment techniques, lesson planning, and the use of rubrics to assess teacher effectiveness and student learning. Prerequisite: MAT 600.

MAT 626 Special Topics in Master Arts Teaching 1 to 3 CREDITS
A changing topics course.

MAT 630 Elem Instrct Dsgn, Pract, Plcy: DLL Emp 3 CREDITS
Students will design integrated, thematic curriculum that is developmentally appropriate for K-6 students. Family-to-school bridge building is addressed with emphasis on building multilingual and cross-cultural connections. Emphasis will be given to understanding the roles educators play in recognizing the knowledge and skills to effectively organize and implement instruction for Diverse Language Learners (DLLs) in their classroom. In this course, we will explore current political, socio-cultural and instructional contexts for teaching in public schools. Students will learn multiple strategies for teaching subject matter content and addressing content standards.

MAT 631 Math for Elementary Teachers 3 CREDITS
This course is a concept-oriented exploration of number and early algebraic reasoning, geometry, measurement, probability and data analysis topics in relation to children's learning. The emphasis is on developing conceptual and relational understandings of these topics from an informal and hands-on perspective. Students will examine how many of the concepts related to these topics develop from the early and elementary children's natural explorations.

MAT 632 Science Methods 3 CREDITS
Stimulates thinking about various methodologies used in elementary science education by exploring and questioning our preconceived ideas through hands-on, inquiry-oriented experiences, discussions, readings, and field work in the classroom. This course will prepare you to use and understand the scientific method, curriculum planning, curriculum development, and alternative methods of assessment.

MAT 633 Elementary Mathematics Methods 3 CREDITS
Examines current directions in how students learn mathematics in order to promote thinking about best practices for teaching K-6 children mathematics. The emphasis is on understanding a variety of instructional practices, assessment strategies, and curriculum development to plan for effective teaching and learning.

MAT 636 Social Studies Methods 3 CREDITS
This course covers principles, methods, and materials, from both a theoretical and a practical perspective, for teaching social studies in the elementary school. It explores the six disciplines of social studies (history, geography, economics, government, sociology, and anthropology), and the interdisciplinary nature of a social studies education.

MAT 637 Creative Arts Methods 3 CREDITS
This course will introduce prospective early childhood and elementary teachers to the value of incorporating the arts into the classroom. Methods, resources and materials in four areas of the arts (visual art, music, creative movement/dance, and drama) will be explored. This class is designed to involve prospective teachers in developing ways of teaching the creative arts in the elementary classroom setting.

MAT 639 Elementary Student Teaching 6 CREDITS
Provides mentored classroom experience under the supervision of a certified elementary teacher. Placement requires observation, participation in, and direct responsibility for classroom work and conferences with the mentor teacher and college supervisor. This course is offered on a credit/ no credit basis.

MAT 640 Elementary Classroom Management 3 CREDITS
Students will examine, integrate and apply various dynamics and principles of classroom management to practical elementary classroom environments. Discipline, interpersonal relationships, classroom climate, home and parent involvement, conflict resolution, restorative discipline and providing meaningful opportunities for student voice will be addressed

MAT 660 Directed Studies 1 to 3 CREDITS
Consent of instructor required to pursue a special topic of topic of interest. Prior to registration, a plan of study must be submitted for approval by the director of the MAT Program. Requires permission of course instructor and school dean. This course is repeatable for credit.

MAT 662 Methods for Physical Education & Health 2 CREDITS
This course focuses on the content and methods for teaching elementary physical education and health.

MAT 663 Literacy Foundations, Assessment, Instru 3 CREDITS
Research-based literacy assessments, processes, and instructional practices will be studied and then practiced in the field. In addition to a K-6 classroom field placement, a 15-hour assessment and intervention experience with a struggling reader is required. Prerequisite: MAT 630.

MAT 664 Reading and Language Arts 3 CREDITS
Provides contact with lessons, materials, methods, research, and theory for the elementary teaching in language arts skills and strategies for application in the K-8 classroom. We examine various instructional strategies and adaptations in language arts for all learners through critical text readings,

shared experiences, field placement, demonstrations, hands-on activities, and active student inquiry and participation.

MAT 669 Literacy Assessment and Intervention 1 CREDIT
This course explores the current research on best practices regarding curriculum and instruction for students with mild to moderate disabilities in K-6 settings. Students learn to apply interventions that assist students with learning difficulties in reading, math, and written and oral expression. Students also learn to use instructional and assistive technologies to enhance the learning of students with disabilities. Students are required to spend twenty clock hours in a field placement.

(MBA)

MBA 653E Internship 1 to 3 CREDITS
Work experience in field of study or career. Prerequisite: completion of a minimum of 15 Westminster credit hours, completion of the Career Center Internship workshop, and consent of Practice Experience Coordinator and Career Center Internship Coordinator. This course is repeatable for credit. REGISTRATION NOTE: Registration for internships is initiated through the Career Center website and is finalized upon completion of required paperwork and approvals. More info: 801-832-2590 https://westminsteu.edu/student-life/career -center/internships.html

MBA 653ES Internship 1 to 8 CREDITS
Work experience in field of study or career. Prerequisite: completion of a minimum of 15 Westminster credit hours, completion of the Career Center Internship workshop, and consent of Practice Experience Coordinator and Career Center Internship Coordinator. This course is repeatable for credit. REGISTRATION NOTE: Registration for internships is initiated through the Career Center website and is finalized upon completion of required paperwork and approvals. More info: 801-832-2590 https://westminsteu.edu/student-life/career -center/internships.html

MBA 629E Crisis Management 2 CREDITS
We face a plethora of crises in the world today. How we handle them, as individuals, organizations and societies, depends on our understanding of, and preparation for, crisis management. We will use critical methods of analysis with real-world examples to apply the knowledge we gain on this crucial topic to preparing for and handling crisis situations.

MBA 669E Leadership 2 CREDITS
This is an applied course in leadership from a practitioners perspective. Enhance your personal leadership by learning the power of integrity, purity of motive, trust, and respectful communication. Explore organizational behavior framework and leadership theories to create open and collaborative work environments that engage employees, develop commitment and increase satisfaction. Heighten awareness of your own personal leadership styles, strengths and weaknesses through real world business simulations and cases. Prerequisite: MBA 650C.

MBA 676E Applied Data Analytics 2 CREDITS
This course will introduce future leaders and decision makers to the most frequently used tools of data analytics, including database languages, programming languages, and visualization tools. The data types, their transformations, and their interpretations will also be emphasized. Students will use the tools covered to solve a real-world data analytics problem for an organization in the local business community.

MBA 675E Introduction to Data Analytics 2 CREDITS
This course will introduce future leaders and decision makers to the current state of data analytics, from the historical development of key technological innovations, to current applications of data science within organizations. The course will review various types of data science practitioners and data analytics tools, and will discuss how to build a data culture within an organization. The course will cover new technological innovations along with how these technologies can be used by a data analytics team.

MBA 677E Marketing Data Analytics 2 CREDITS
This course will cover the main digital data sources available to marketers today, as well as the analytical tools and methods used to understand that data. Technology such as Excel, R and Tableau will be incorporated into the course. Through an engaged-learning approach you will apply the material to real-world marketing problems and translate the resulting analysis into clear digital marketing recommendations using the framework of the Customer Journey. To do this effectively you must already have a working knowledge of marketing (MBA 635C) and a solid base of probability theory, descriptive statistics and regression analysis (MBA 610C). Fully worked examples will be provided so that the main focus can be on the interpretation of digital marketing data and making clear recommendations that solve the original marketing problem.

MBA 603B Financial Markets and Institutions 1 CREDIT
This course provides the student with knowledge of global financial markets; the institutions that operate in those markets and the manner in which various markets and institutions interrelate. The course covers: types of markets and financial institutions; determinants of interest rates; the risk and term structure of interest rates; asset-backed securities; forwards, futures, options, swaps, and other derivatives; and equity markets.

MBA 548E Budgeting/Finance for Community Orgs 2 CREDITS
This course provides basic economic, financial, and accounting tools for leaders in nonprofit organizations, social service agencies, and other community organizations. Students will learn the economic and financial principles that guide policy-making, how to conduct economic and financial analyses of proposed projects and initiatives, and how to set up and manage a budget. Students will apply these concepts to projects from their work-place and community settings.

MBA 600B Marketing Fundamentals 1 CREDIT
This course provides an overview of marketing in order to clarify the role of marketing in business and society. Students will learn the elements of marketing (i.e., the 4 P's) within an organization, and the environment in which marketing occurs. The course also helps generate awareness of various firms' marketing activities and tactics.

MBA 656E Tax Clinic Practium (VITA) 1 to 3 CREDITS
This course is designed to teach students how to prepare 1040 federal returns and related schedules, state returns and related schedules, and assist taxpayers with accessing many financial resources. Students will be certified by the IRS and trained as financial advocates. Tax training includes basic tax laws, advanced tax laws, taxation of nonresident aliens, international income taxation and taxation of military tax payers and families. Students also receive ethics training related to tax preparation, cultural sensitivity training and learn client-interviewing and tax software skills. Students are required to complete the in-class training and achieve a minimum score of 80% on all related certifications prior to participating in the practicum for approximately 8-10 hours per week over the course of the semester.

MBA 635C Marketing Management 2 CREDITS
This course is designed to provide the learners with the understanding necessary to develop and implement marketing strategies that profitably satisfy customers' needs. Through this course, learners gain knowledge and skills for effective decision making, strategic planning, execution, and evaluation in a wide variety of business situations. The course addresses the importance of organizations being market-oriented in order to secure long-term and reliable revenues and profitability.

MBA 625C Leadership and Decision Making 2 CREDITS
This course is designed to increase students' understanding of human behavior in organizations and build effective leadership and decision-making skills.

MBA 630C Managerial Accounting 2 CREDITS
This course is concerned with the study and application of accounting concepts in relation to planning and control of business operations. Quantitative techniques for forecasting and budgeting and the behavioral impact of accounting systems will be included.

MBA 640C Executive Decision Making & Financial 2 CREDITS
This course introduces techniques for high-level financial performance evaluation and decision-making. The course focuses on capital structure, cost of capital, investment decisions, valuation, and working capital management.

MBA 645C Ethics and Corporate Governance 2 CREDITS
This course focuses on the fundamentals of corporate governance, emphasizing the leader's responsibility to make ethical, legal, socially responsible decisions on behalf of the organization.

MBA 615C Creating Competitive Strategies 2 CREDITS
This course focuses on strategic management principles, including the tools of strategic decision-making, basic analysis of competitive advantage, and strategy alternatives at various levels. In the course students evaluate real-world business scenarios and create recommended strategies for organizations.

MBA 665C Competing in a Global Environment 2 CREDITS
This course focuses on global business and includes an international context tour. It provides a framework to develop strategies incorporating global influences for the firm seeking to compete globally and the firm facing competitive pressures from abroad. Economic, social, financial, demographic, diverse and multicultural environments are considered. At the end of the course, students will travel to a region outside the US for a 10-day period, analyzing as a whole the aspects of doing business in a global environment as studied in class. Course meets with MBA PRJ5.6.

MBA 655C High Performance Business Strategies 2 CREDITS
This course focuses on designing organizations and leading people in ways that support particular business strategies. In the course emphasis is placed on the tools and principles most useful in eliciting high performance from individuals, teams and large groups in organizations. The centerpiece of the course is a live case study; several individuals from a local organization join the class regularly to discuss their challenges in relation to the topics covered in the course.

MBA 601B Survey of Economics 1 CREDIT
This course explores the fundamental concepts of economics and presents the major insights of economic analysis. While economics has many facets, this course focuses on central unifying principles of economics. The course examines individual behavior as well as the collective behavior of businesses and industries, governments and countries, and the globe as a whole. Microeconomics starts by thinking about how individuals make decisions. Macroeconomics considers aggregate outcomes. The course demonstrates how the two points of view are essential in understanding most economic, social, and business phenomena.

MBA 560E Entrepreneurship 2 CREDITS
This course explores the entire cycle of new venture creation from concept development to cash flow; including idea generation, feasibility research, planning, funding, building a team, executing the launch, finding customers, and producing profit. The course focuses on the skills and activities of successful entrepreneurs: they know their industry, seize opportunities, work with passion and tenacity, build powerful teams, get more from less, provide phenomenal customer service, differentiate their products and services, and contribute to their communities. At the conclusion of the course students will understand the challenges of starting a business, the keys to success, and whether or not self-employment is right for them.

MBA 604B Financial Statement Analysis 1 CREDIT
This course explores the concepts and application of recording, analyzing and reporting business transactions and processes for financial reporting and analysis. The course focuses on understanding published financial statements and using the information to analyze the performance and future prospects of the business.

MBA 670C MBA Capstone 2 CREDITS
This course enables students to apply incorporate the full range of skills and knowledge learned in the MBA program to complete a major project that helps a company gain competitive advantage. Students choose their own capstone project usually by initiating and completing a project within the organization in which they are currently employed. The Graduate ETS Major Field Test is administered in MBA 670C. Prerequisite: Course is taken in the student's last semester.

MBA 628E Marketing New Ventures 2 CREDITS
This course brings together all the topics, concepts and skills relevant to marking new ventures. It addresses the unique issues and challenges entrepreneurs face when bringing new products and businesses to market. Students will study the marketing strategies and methods used by start-up, early-stage, and small-business enterprises. The course compares conventional marketing with entrepreneurial marketing through use of the case method.

MBA 626E Lectures in Entrepreneurship 2 CREDITS
This course brings successful entrepreneurs from the community into the classroom. Each entrepreneur will discuss critical issues relevant to his or her business: developing the idea, validating the concept, planning the venture, raising funds, building a team, launching the company, sales and marketing, customer service, growing the business, and the keys to success. Students will relate the key principles taught by each entrepreneur to research and theory they have learned in other courses, and then apply what they have learned to the creation of new ventures. This course is repeatable for credit.

MBA 637E Negotiations and Persuasion 2 CREDITS
This class focuses on negotiation and persuasion principles as a basic means to go about getting what you want from others. The class is based upon the theory of rhetoric with primary focus being placed on the application of this theory to back and forth communication designed to reach agreements with others. The class will utilize videotaped simulations, role plays and actual negotiation assignments in order to develop negotiation and persuasive techniques.

MBA 660EML Mindful Leadership in Practice 2 CREDITS
The key to creating environments where individuals thrive lies in a leader's ability to connect their mind with their heart in a way that increases the ability to focus, see clearly, enhance creativity, and bring out the best in others. The path to this ability is through the practice of mindful leadership. Recent neuroscience research has demonstrated mindful leadership develops a person's ability to focus, better understand issues and opportunities, connect with others, and motivate ourselves and others. This class will give students tools and practices to drive better leadership decisions that link one's rational and emotional capabilities to create alignment with an organization's purpose.

MBA 651E The Nonprofit Organization 2 CREDITS
The course provides an overview of the history, development, role, auspices, organization, and purposes of nonprofit agencies in the U.S. and the global environment. Emphasis is placed on structure, planning, program, policies, organizational management, governance and stewardship, resource development, community building, advocacy, volunteer services, and problems that face nonprofits. Addresses social, political, economic, cultural and ideological issues. Group and individual projects, research on nonprofit agencies, and oral presentations will be included. Class time will include lectures, discussions, case studies, team projects and guest speakers.

MBA 602B Business Quantitative Analysis 1 CREDIT
The course explores fundamental statistical tools of analysis essential for decision-making in business. The course uses an examples-based approach to introduce fundamental concepts in statistics including data exploration, probability and probability distributions, sampling and sampling distributions, and estimation and hypothesis testing. Course materials are based on a spreadsheet program (Excel) that is used to formulate, analyze, and solve a wide variety of business problems.

MBA 647E Creating High Performing Teams 2 CREDITS
Teams are a ubiquitous feature of modern organizational life, but teams serve different functions and purposes. Understanding the different types of teams and matching the team to the task are the first steps in creating high-performing teams. In this course we will consider what makes teams effective and ineffective. We will also consider those occasions when individual effort is likely to be superior to team effort.

MBA 660EH Investment Strategy and Applications 2 CREDITS
Students in this course will be managing the $50,000 D.A. Davidson Student Investment Fund for the academic year. MBA 660EH is paired with MBA 660ECC (offered in Fall semester) and students must enroll in both courses. The course will give students experience preparing industry/sector analyses, researching and using various investment styles, making stock selections, monitoring portfolio selections, preparing performance reports and portfolio re-balancing. The class is designed to prepare students for employment opportunities in investment research and management. The course will include materials designed to help students prepare for the Level 1 Exam for the Chartered Financial Analyst professional designation.

MBA 660ECC Investent Strategy and Applications 2 CREDITS
Students in this course will be managing the $50,000 D.A. Davidson Student Investment Fund for the academic year. MBA 660ECC is paired with MBA 660EH (offered in Spring semester) and students must enroll in both courses. The course will give students experience preparing industry/sector analyses, researching and using various investment styles, making stock selections, monitoring portfolio selections, preparing performance reports and portfolio re-balancing. The class is designed to prepare students for employment opportunities in investment research and management. The course will

include materials designed to help students prepare for the Level 1 Exam for the Chartered Financial Analyst professional designation.

MBA PRJ4.T Strategy Implementation 1 CREDIT
Student learners will work in a team as consultants to one of their employers. The assignment is to find a project for that company that the team can develop a strategy and implementation plan to add value to the company. Competencies Evaluated: -Assemble a team to effectively manage a team project that addresses organizational strategy and an implementation strategy that adds value to the organization.

MBA PRJ2.1 Data Analysis 1 CREDIT
Student learners will use statistical and analytical techniques to interpret data and make strategic marketing recommendations. Competencies Evaluated: -Interpret quantitative information to evaluate relevance, implications, and magnitude.

MBA PRJ1.5 Internal Organization 1 CREDIT
Student learners will understand what organizational resources and capabilities are most likely to contribute to sustainable competitive advantage. They will also learn the four essential activities of an organization and how they are linked to business level strategy. Competencies Evaluated: - Use appropriate analytical tools (quantitative and qualitative) to evaluate problems and solutions.

MBA PRJ1.1 Negotiations & Confl Resolutio 1 CREDIT
Student learners will understand the negotiation strategy, processes and outcomes. Learners will find common ground between competing differences and commit others to a course of actions and decisions that enhance outcomes. Competencies Evaluated: - Demonstrate professional communication and planning techniques.

MBA PRJ1.2 Salary Negotiation 1 CREDIT
Student learners will understand more about the nature of negotiations. Gain a broad intellectual understanding of the central concepts in negotiation. Improve their ability to analyze the negotiation situation and learn how to develop a strategic plan so as to improve their ability to negotiate effectively. Competencies Evaluated: - Select an appropriate strategy and tactics to complete successful negotiations.

MBA PRJ3.3 Financial Analysis & Reporting 1 CREDIT
Student learners will review the financial statements of an organization and evaluate the overall financial condition and organizational performance compared to the previous period. Competencies Evaluated: - Examine the financial statements of an organization and compare the financial condition and performance of the organization with the previous fiscal or calendar period.

MBA PRJ3.6 Developing a Financial Forecast 1 CREDIT
Student learners will prepare forecasted financial statements and use these statements to analyze, compare, and select an appropriate project or opportunity and determine the best sources of capital to fund the project or opportunity. Competencies Evaluated: - Create forecasted financial statements and use these statements to analyze, compare, and select the appropriate project or opportunity.

MBA PRJ5.6 International Context Trip 1 CREDIT
Student learners will participate in an international context trip and demonstrate the ability to understand the complexity and interconnectedness of social, economic, cultural and political issues and trends in the global environment that affect the way international business is conducted. Competencies Evaluated: - Develop an understanding of social, economic, cultural and political issues and trends in the global business environment. Meets with MBA 665C and students may be required to attend three or more class sessions on campus.

MBA PRJ1.T Manage Teams for Performance 1 CREDIT
Student learners will participate as part of a team project to identify an organizational opportunity to achieve specific results and lead appropriate change within the organization. Competencies Evaluated: - Identify a team project to achieve specific results and help to facilitate appropriate change within the organization.

MBA PRJ3.T Lead Team Process Improvement 1 CREDIT
Student learners will participate as part of a team project to identify an organizational opportunity to achieve specific results and lead appropriate change within the organization. Competencies Evaluated: - Select and manage a team project to achieve specific results and help to improve organizational performance.

MBA PRJ1.3 Vendor Contracts & Negotiation 1 CREDIT
Student learners will improve their analytical abilities and capacity to understand and predict the behavior of individuals, groups, and organizations in competitive situations. Learn how to evaluate the costs and benefits of alternative actions in the negotiation process. Develop a toolkit of useful negotiation skills, strategies and approaches. Competencies Evaluated: - Develop and prepare strategy and tactics to complete successful negotiations.

MBA PRJ4.3 Ethics & Social Responsibility 1 CREDIT
Student learners will examine ethical and social responsibility from an organizational perspective and evaluate overall company effectiveness from a personal, company and societal perspective. Competencies Evaluated: - Differentiate between personal, ethical and corporate social responsibility within a particular organizational context.

MBA PRJ2.2 Pricing Strategy 1 CREDIT
Student learners will evaluate the factors that affect pricing decisions and analyze markets as a means of setting optimal prices. Competencies Evaluated: - Select pricing decisions and strategic choices based on data analysis.

MBA PRJ3.2 Lead Process Improvement 1 CREDIT
Student learners will evaluate and create a process improvement plan for an existing organizational process and utilize key process evaluation tools that demonstrate continuous improvement and quality management on an organizations' production and distribution system. Competencies Evaluated: - Demonstrate continuous improvement and quality management in an organization's production and distribution system.

MBA PRJ2.6 Globalization 1 CREDIT
Student learners will discuss how environmental factors influence marketing decisions, and process associated with companies moving their products to international markets. Competencies Evaluated: - Analyze how major social, legal, economic, political, and technological (SLEPT) trends and events influence global firms and inform the strategy development process.

MBA PRJ1.6 External Environment 1 CREDIT
Student learners will discover what forces external to the organization may affect the strategy and competitive advantage of the firm. They will do research to determine the opportunities and threats to the well-being of the organization. Competencies Evaluated: - Explain how social, legal, economic, political, and technological trends (SLEPT) affect the strategy development process.

MBA PRJ1.4 Creativity & Compet. Advantage 1 CREDIT
Student learners will discover multiple methods of generating creative alternatives, establishing contexts that foster creativity, and deciding which alternatives are best suited for each problem. They will also learn the importance of developing an organization's mission, vision, values and goals. Competencies Evaluated: - Develop the mission, vision, values and goals of an organization.

MBA PRJ4.F Develop an Operating Plan 1 CREDIT
Student learners will develop an operating overall business or commercial plan that supports the vision and mission developed by the learner. Competencies Evaluated: - Develop and implement an operating strategy to support a business plan for an organization.

MBA PRJ2.F Develop a Marketing Plan 1 CREDIT
Student learners will develop a marketing plan that demonstrates the understanding of the market and identify objectives that can create value for a company. Competencies Evaluated: - Develop a strategic marketing plan based on competitive advantage.

MBA PRJ3.F Develop a Financial Budget & Plan 1 CREDIT
Student learners will develop a financial plan, based on competitive advantage, to fulfill the vision/mission of an organization.

MBA PRJ1.F Present & Defense Bus Strategy 1 CREDIT
Student learners will develop a business level strategy and determine factors that will result in the success of that strategy. Furthermore, they will recommend and defend proposals for how the company should

move forward based on external and internal strengths, weaknesses, opportunities and threats. Competencies Evaluated: - Evaluate personal and organizational performance using performance metrics, industry standards, and/or organizational goals.

MBA PRJ2.5 Promotional Strategy 1 CREDIT
Student learners will develop a CRM (Customer Relationship Management) proposal for a company and metrics that can be used to track performances. Competencies Evaluated: - Analyze and recommend appropriate integrated marketing communications based on data analysis.

MBA PRJ3.1 Organizational Performance Measures 1 CREDIT
Student learners will develop SMART performance measures that support the vision and mission of the organization and identify metrics that determine value for key stakeholders, including: shareholders, customers, employees and strategic partners. Competencies Evaluated: -Support the vision/mission of an organization utilizing appropriate analytical tools (quantitative and qualitative).

MBA PRJ3.4 Evaluate Financial Performance 1 CREDIT
Student learners will determine why and how an organization creates value for its stakeholders and utilize key performance metrics to evaluate organizational performance for shareholders, customers, employees and strategic partners. Competencies Evaluated: - Evaluate why and how a firm creates value for its stakeholders using financial performance measures.

MBA PRJ2.4 Market Research 1 CREDIT
Student learners will design, conduct, and analyze a survey to address key research questions and make strategic recommendations. Competencies Evaluated: - Analyze and assess consumer attitudes and behaviors.

MBA PRJ2.T Team Management & Communication 1 CREDIT
Student learners will demonstrate expertise in working within teams and developing effective oral and written communication skills. Competencies Evaluated: - Demonstrate effective communication that illustrates clarity in ideas, reasoning, and content as part of a team project assignment.

MBA PRJ2.3 Product Portfolio 1 CREDIT
Student learners will create product portfolios and assess the competitive landscape to be able to develop effective positioning strategies. Competencies Evaluated: - Analyze a company's product mix and make strategic recommendations.

MBA PRJ5.F Final Bus Plan Presentation 1 CREDIT
Student learners will create a professionally organized final business plan customized for potential investors or decision-makers; learners will present key aspects of the business plan to stakeholders in order to incorporate feedback into a final deliverable. Learners will be prepared to make a formal presentation and to submit summaries of plans to competitions and external evaluators. Competencies Evaluated: - Write and orally present, in a synchronous or asynchronous format, a professional business plan customized for potential stakeholders, investors, and/or decision-makers.

MBA PRJ3.5 Industry Comparative Analysis 1 CREDIT
Student learners will conduct a comparative analysis for an organization within an industry context and address how national and international markets affect organizational performance. Competencies Evaluated: - Develop a comparative analysis for an organization within an industry context and address how national and international markets affect organizational performance.

MBA PRJ4.5 Analysis of Bus Level Strategy 1 CREDIT
Student learners will be required to identify and analyze a company's current business level strategy and compare it with an example of a failed company strategy. Competencies Evaluated: - Evaluated an organization's competitive advantage relative to its mission and vision.

MBA PRJ4.6 Leadership Improvement 1 CREDIT
Student learners will be required to evaluate their own strengths and weaknesses as a leader. Once the analysis is completed, develop a strategy for personal leadership development and improvement. Competencies Evaluated: - Develop a strategy and plan for personal leadership development and improvement.

MBA PRJ4.2 Leadership Evaluation 1 CREDIT
Student learners will be required to evaluate the leadership style and communication ability of a leader from their personal experience. Three analytical frameworks will be used to guide an in-depth analysis. Competencies Evaluated: - Evaluate and identify the skills required for the leadership role within an organizational context.

MBA PRJ4.4 Corporate Structure 1 CREDIT
Student learners will be required to analyze a company's organizational structure, procedures and culture to develop an opinion of the company's organizational effectiveness. Competencies Evaluated: - Evaluate the effectiveness of organizational structure, procedures and culture relative to a company's operational, tactical and strategic effectiveness.

MBA PRJ5.5 Firm Financial Analysis & Plan 1 CREDIT
Student learners will apply critical financial concepts of literacy, reporting, analysis, performance and forecasting and apply these concepts in planning the financial operations of an organization. Underlying assumptions and financial data in support of a sales forecast, cash budget and pro forma financial statements will be developed. Further, learners will identify sources of capital and consider time value of money when prioritizing financial milestones and making projections. Competencies Evaluated: - Develop forecasted financial statements and use them to analyze, compare, and select appropriate actions in support of a business plan or expansion of a current enterprise.

MBA PRJ5.2 Customer Analysis & Marketing Plan 1 CREDIT
Student learners will analyze, define the value proposition of the firm, and will profile the target customer at different levels (ideal customer and total addressable market). Learners will also create marketing strategies and outline step-by-step implementation plans for creating value to attract and retain these customers. Competencies Evaluated: - Develop a marketing strategy that supports the business plan or expansion of a current product or service for a current enterprise.

MBA PRJ5.3 Competitor Strategic Analysis 1 CREDIT
Student learners will analyze, define and profile the competitive landscape at different levels (direct and indirect competition). Learners create strategies and outline step-by-step implementation plans for responding to competitive pressures. Students analyze and potentially re-consider stated mission, vision, values, and goals in relation to the wider competitive landscape. Competencies Evaluated: - Formulate recommendations that address issues that support organizational strategy and performance and respond to competitive threats and opportunities in support of a business plan or expansion of a current enterprise.

MBA PRJ5.1 Industry & Company Analysis 1 CREDIT
Student learners will analyze industry trends in order to develop a concise proposal for a new business (or a substantial expansion of a current enterprise). Industry analysis includes market size and potential, relevant trends, and profiles of related industries; proposals outline unique qualifications and business rationale. Competencies Evaluated: - Select relevant information for purposes of developing a business plan or expansion of a current enterprise.

MBA PRJ5.4 Company Operations Plan 1 CREDIT
Student learners identify key processes and operational inputs and outputs, business milestones, and operational priorities. Learners outline specific steps to achieve operational efficiency and demonstrate understanding of organizational linkages and dependencies. Learners also engage in project mapping and scenario planning. Competencies Evaluated: - Develop recommendations, based on a comprehensive analysis, regarding the organization's product and/or service in support of a business plan or expansion of a current enterprise.

MBA PRJ4.1 Managing in a Global Environment 1 CREDIT
Student learners are required to demonstrate understanding of differences in cultural and global context from a management capacity and select strategies for addressing global cultures and norms. Competencies Evaluated: - Compare and contrast differences in management and leadership based on cultural and global differences and perspectives.

MBA 660ERR Internet and Social Media Marketing 2 CREDITS
No business practice has changed as much as marketing has in the last 10 years. This change has been brought about by one key factor: the Internet. This course will cover an array of topics related to social media marketing,

such as: search engine optimization, social marketing best practices and strategies, Facebook advertising methods, social media policies, etc.

MBA 620C Managerial Economics 2 CREDITS
Managerial economics applies economic concepts and economic analysis to the problems of formulating sound managerial decisions. The course is a thorough blending of insights from economics with business knowledge and applications. The course explores managing in competitive and non-competitive markets, quantitative analysis of demand, production and cost, theories and applications of pricing and resource allocation, contract theory, information economics, and the role of government in the marketplace. Prerequisite: MBA 601B and MBA 604B.

MBA 668E Directed Studies 1 to 3 CREDITS
Independent research/readings in areas not fully covered by core or elective courses. Prerequisites: meet all MBA literacy requirements and consent of instructor and school dean. This course is repeatable for credit.

MBA 605C Communication and Teamwork 2 CREDITS
In today's complex, volatile business climate, leaders must communicate skillfully and work effectively in teams. Research spanning several decades consistently has shown that leaders with strong communication and team skills are more likely to receive job offers and promotions, and they're more successful when faced with a wide range of leadership challenges, including working in teams, coaching others, and resolving conflicts. Leaders who communicate well are more credible, and leaders with well developed team skills are more effective. This course focuses on working skillfully with teams and communicating clearly in writing, presentations, discussions, and in interpersonal situations.

MBA 693E Mentoring for Leadership 2 CREDITS
In this highly interactive course, the student is mentored by a C-level professional who helps them develop the skills needed to be a transformative leader in any organization. The mentoring experience is intensive and comprehensive, where the mentee must examine their future holistically, assess their leadership strengths and weaknesses, and learn how to fully leverage their underlying leadership abilities.

MBA 627E Social Entrepreneurship 2 CREDITS
In this course, students will learn innovative approaches to creating and leading enterprises designed to address community issues. The course prepares students to apply management and entrepreneurial skills creatively in for-profits, nonprofits, foundations, and advocacy groups, and helps them learn to apply business management principles to social problems and opportunities. Learning approaches include cases, films, readings, and guest speakers from a variety of organizations in the community.

MBA 650C Operations Management 2 CREDITS
In this course students will learn to explain and illustrate the purpose, importance and place of operations management in organizations. They also will be able to identify and discuss the key operational issues faced by operations managers. Finally, in the course students will learn to select and apply tools and techniques to analyze complex operational issues, and use them to develop viable courses of action.

MBA 644E Expl Innovative Organizational Cultures 2 CREDITS
From W. L. Gore & Associates to Morning Star to Semco to Zappos, more organizations are being structured as "self-managing" or "self-organizing" systems. In this course, we will explore the workings of these exemplary organizations, and others, to try to understand the deep dynamics of high-performing self-managing organizations.

MBA 643E High Performing Organizational Cultures 2 CREDITS
Every organization has a culture. This culture can either enable or hinder organizational success. In this course, we will work with a number of tools that will help you understand what you do and perhaps do not know about your organization's culture; assess your organization's culture and identify areas for improvement; think strategically about the possibilities of organizational culture change; and identify specific action steps you can and should take to move your organization along the journey of being a high-performing organizational culture.

MBA 634E Business Model Development 2 CREDITS
Develops a framework for beginning an entrepreneurial firm with the focus on being and remaining innovative, starting with the business plan and continuing through the firm life cycle. Using case studies to develop successful business plans, the course specifically analyzes the market need, financing options, demand estimation, and financial forecasting. Through each phase of the planning, special emphasis is accorded to issues surrounding firm flexibility versus rigidity for maximum receptiveness to innovation. Models for the continued use of planning criteria for post start-up phases are developed and analyzed.

MBA 610C Data and Decision Analytics 2 CREDITS
Data and decision analytics explores the strategic significance of statistics in developing the scientific framework for organizational decision making. The course analyzes approaches to decision making under uncertainty and problems in optimization including shadow prices and linear programming. Topics include expected monetary value (EMV), sensitivity analysis, decision trees, multivariate regression model building and diagnostics, extrapolation and model-based forecasting, exponential smoothing, Box-Jenkins ARIMA methodology, and simulation modeling, designed to facilitate aspects of organizational decisions. Prerequisite: MBA 602B.

(MBATC)

MBATC 641 Organizations, Technology, and Society 2 CREDITS
This course explores the role technology plays in determining, or directing, societal change. Technologists must understand the implications a particular technology may have after commercialization. Exploring technologies and their resulting changes in consumer behavior, laws, and societal mores, this course prepares the technologist to think about possible post-commercialization issues.

MBATC 644 Intellectual Property Strategy,Collaboration, and Licensing 2 CREDITS
Intellectual property is a critical component of technology firm strategy. This course examines the types and limitations of intellectual property as the method in which intellectual property management can be integrated within the corporate and technology strategies of a company. The course builds specific skill sets around the development and execution of licensing agreements as well as the management of the technology transfer process. The relationship between intellectual property trading strategies and legal protection are also explored.

MBATC 647 Marketing Innovative Products 2 CREDITS
Technology marketing is often more difficult than traditional marketing, since it involves introducing new products that users do not understand, or that have different value propositions from current alternatives. This course develops a framework for channel distribution, value proposition, adoption rates, and technology product market size estimation.

MBATC 651 New Product Development 2 CREDITS
It is widely acknowledged that new products are critical to the growth and profitability of most industries today, and yet the majority of new products introduced each year fail to meet expectations. This course focuses on how to manage a new product development program and mitigate the risks involved by employing tools, such as the Stage-GateT process and Quality Function Deployment, that provide the discipline and structure needed in order to allocate resources and maximize the probability of success. Emphasis is placed on the development of products which are more than simple product line extensions, and particularly those that have high technology content and/or are destined for technology-oriented markets.

MBATC 654 Financing New Ventures 2 CREDITS
This course analyzes the financing options available to new ventures and the financial viability of new ventures. Securities and Exchange Commission regulations, due diligence procedures, financing events, and tactical maneuvers necessary in financing stages are explored. The course includes financing start-ups, financial planning for the smaller enterprise, going public, selling out, bankruptcy, and evaluating multiple capital sources.

MBATC 660 Technology Commercialization & Implement,Implementation 2 CREDITS
This course is a capstone course for the technology commercialization curriculum, and is an opportunity to apply the foundational and formational skills built in the rest of the program. Students develop technology commercialization strategy for an emerging technology in a hands-on

environment and as part of a team. The project includes the development of market and financial analysis, intellectual property, due diligence, and strategic avenues for the firm.

MBATC 668 Directed Studies 1 to 3 CREDITS
Independent research/readings in areas not fully covered by core or elective courses. This course is repeatable for credit.

(MED)

MED 608 Special Topics in Master of Education 3 CREDITS
A changing topics course.

MED 610 Sociocultural Contexts for Learning 3 CREDITS
Explores the effects of sociocultural factors on learning at the individual, classroom, and structural levels. Students will study their own and their students' social and cultural identities, and explore how sociocultural factors affect classroom dynamics, curricular materials, teaching pedagogies, and larger structural issues such as equal access to education. Students will develop plans to make their teaching or administrative settings more inclusive so that they can more effectively facilitate learning for all students.

MED 613 Theories of Adult Learning 3 CREDITS
This course explores theories and research that seek to explain how adults learn. This course uses a complexity thinking frame to understand learning at various levels (e.g., embodied, individual, collective, societal) and learning as an emergent process of interactions between levels. The course draws upon brain research, theories of adult learning and research on adult learning. Students formulate a working theory of adult learning in a specific setting.

MED 615 School and Politics 3 CREDITS
Emphasizes the importance of understanding schools and other educational institutions as organizations that are embedded in a political system. Explores decisions that are made within schools and educational institutions, in state legislatures, and in the federal government, theoretical frameworks for understanding those decisions, and the processes for participation in decision-making.

MED 620 Multilingual Learners Family & Comm. 3 CREDITS
This course explores the role of family and community in the language acquisition and identity formation among Multilingual Learners. Students will conduct an ethnographic case study with a child who is in the process of learning English and their family based on the concept Funds of Knowledge. The course critically evaluates issues of socioeconomic status, race, religion, national origin, disability, gender, and immigration history relative to MLs by reading ethnographies about their experiences in various educational contexts.

MED 621 Foundations of Multilingual Education 3 CREDITS
This course introduces students to foundational theories and policies that impact multilingual education. Concepts studied include the linguistic, sociological, historical, political, and legal foundations of bilingual and ESOL education. The course presents an overview of the types of programs and the principles of effective education for Diverse Language Learners including observational fieldwork. The content will guide students toward a critical perspective of how the teaching and learning process can enable or constrain students whose dominant language is not English.

MED 622 Language Acquisition and Development 3 CREDITS
This course examines how languages are learned. Students will discuss prominent language acquisition theories and how these apply in instructed settings, analyze learner language, and explore individual differences in learning an additional language. In addition, knowledge of phonology, morphology, syntax, and semantics are applied to teaching Diverse Language Learners.

MED 623 Instruc Methods for Multilingual Learner 3 CREDITS
This course will connect second language acquisition theories to research-based principles of instruction as they relate to language learners. Students will explore and apply methods and strategies to promote comprehensible interaction in reading, writing, and language arts for early childhood, elementary, secondary, and adult second language learners. Course includes fieldwork component.

MED 624 Content Instruction-Multilingual Learner 3 CREDITS
Students will explore and apply methods and strategies to promote comprehensible interaction in the content areas for early childhood, elementary, secondary, and adult language learners. The emphasis of the course is the design of standards-based differentiated lesson plans for Multilingual Learners in heterogeneous content area classes as well as sheltered content area courses for secondary students. Fieldwork is an integral component of this course.

MED 625 Assessment for Multilingual Learners 3 CREDITS
Students will apply content from the Methods and Content Area Instruction courses to develop a rationale for incorporating assessment as an intrinsic and ongoing aspect of the teaching/learning process. Students will learn ways to monitor student progress, place students appropriately, and design authentic assessment for elementary, secondary, and adult language learners. Students will also explore policies and practices of standardized assessments commonly used to assess language proficiency and academic language development within the context of U.S. public schools. Course includes fieldwork component.

MED 634 Teaching Adults 3 CREDITS
Teaches a variety of instructional strategies for facilitating adult learning. The course covers setting learning goals and methods of instruction for teaching skills and content, for increasing understanding, and for construction and application of knowledge. The course addresses teaching in different settings and the implications of context on instruction. The course also teaches methods of assessing various types of learning.

MED 637 Foundations of Holistic Wellness 3 CREDITS
This courses introduces foundational frameworks of holistic wellness, research supporting the effectiveness of wellness practices, wellness as a prime contributor to individual and community transformation and offers an opportunity to experience a range of wellness practices. Connections will be made to social determinants of health, resilience, healing and spirituality.

MED 639 Neuroscience of Trauma 3 CREDITS
This class will serve as an introductory course in the biological bases of human behavior with a specific focus on developmental childhood trauma and PTSD. Topics will include an overview of central nervous system structure, brain function and development, and include an introduction to emotional and cognitive processing in the brain.

MED 640 Trauma-Informed Schools 3 CREDITS
This course explores ways in which traumatic childhood events impact and shape individuals' brain development, health and well-being, relationships, educational trajectories, and involvement with the justice system. The course examines the impact that schools and teachers who adopt trauma-responsive practices can have in creating more equitable and inclusive spaces that lead to positive student outcomes. Students make institutional recommendations for change.

MED 642 Restorative Justice 1 CREDIT
This course provides a critical examination of restorative justice principles and practices within the community. Students will explore the efficacy of restorative justice practices as an alternative to punitive discipline policies and procedures within school settings and within the criminal justice system. Students will explore and participate in restorative justice processes such as Victim-Offender mediation, Family Group Conferencing, Clearness Committees, and Peace Circles. Through examination of academic writings, roleplay, case studies, and site visits, students will gain a better understanding of how restorative justice works within real-world settings. In addition to gaining a richer understanding of their own response to conflict, students learn and practice restorative justice facilitation skills that will have lifelong application.

MED 644 Arts and Movement for Trauma 2 CREDITS
This course explores research-based arts and movement techniques through a healing-centered educational lens offering strategies that can promote self-awareness and self-regulation for those who have experienced trauma.

MED 645 Self-Care for Secondary Trauma 1 CREDIT
This course explores the impact of secondary trauma on individuals in helping professions. In this course, students learn how a self-care practice can mitigate the negative effects of trauma exposure and increase resiliency. Students read about and engage in a variety of self-care practices. By the

end of the course, students will have a deeper understanding of how self-regulation enables them to better serve their communities.

MED 646 Writing for Wellness 1 CREDIT
This course will introduce participants to research on writing-based interventions for healing trauma and promoting wellness. They will engage in several of these processes and consider ways in which writing might be used in their work to promote self-awareness and self-regulation and provide platforms for individuals to be seen and heard.

MED 647 Juvenile Justice 3 CREDITS
This course explores the U.S. juvenile justice system, including its history, philosophical foundations, and differential treatment of individuals based on race, ethnicity, class, and gender. Through visits to detention facilities, interviews with individuals involved in the justice system, and an exploration of comparative systems of youth incarceration in the U.S. and abroad, students will critically analyze and evaluate our current systems and make recommendations for reform.

MED 648 Advocacy Under the Dome 3 CREDITS
Students will gain the knowledge and skills to participate effectively in local public policy making and advocacy. Through first-hand observation of and engagement with local political processes, study of public policies, and analyses of contemporary movements, students will deepen their understanding of how public policies are made and how citizens can be most effective in influencing those policies.

MED 650 Introduction to Research Methods 2 CREDITS
Introduces students to fundamental principles, purposes, tools, and techniques of educational research. In a primarily on-line format students become familiar with educational databases, qualitative and quantitative methods, theoretical frameworks, and ethical issues. Students identify an area of focus, begin a literature review, and draft a research proposal for MED 679 and 680.

MED 652 Globalization of Education 3 CREDITS
This course analyzes the political, economic, and social forces that have led to the globalization of education. It uses various frameworks and theories to analyze critically the impact of globalization on everyday educational practices and the role education plays in shaping society. The class introduces systems thinking, analysis of power relations, and responses to globalization of education in various parts of the world.

MED 653 Indigenous Knowledge & Lifeways 3 CREDITS
This course introduces indigenous knowledge systems, worldviews, and lifeways from various regions of the world. Students explore epistemological questions, relationships (economic, social, governance, with nonhuman life forms), and historical and contemporary practices around an issue of interest to the student. Students research how indigenous peoples are addressing global crises and reflect on the students' own cultural identity, values, and practices.

MED 655 Community Circles 1 CREDIT
Community Circles provide a shared discussion space aimed at building relationships, providing opportunities for individuals to share their experiences, skills, talents, gifts and resources and to engage in collaborative problem solving and conflict resolution. These circles are rooted in restorative justice and trauma-responsive practices and have widespread applications in schools, non-profit organizations and community and religious contexts. This interactive seminar will engage students in a variety of types of community circles and will explore the indigenous roots of the practice and the ways in which these circles are utilized in cultures around the world to improve community outcomes. Finally, students will develop and practice the skills necessary for facilitating circles in their own communities.

MED 656 Somatic Wellness Practices 1 CREDIT
Students will learn about the research basis for the use of somatic practices for wellness. They will experience a variety of these practices, reflect on their effectiveness and appropriate uses and learn to lead some practices appropriate to settings of interest to the students. Practices may include nature-based practices, exercise and nutrition, spiritual components, nervous system regulation practices and play/game practices.

MED 657 Meditation and Mindfulness 1 CREDIT
This course will explore meditation and mindfulness practices for wellness with a specific focus on implementing trauma-responsive strategies. Students will review current research into the science supporting meditation and mindfulness practices. They will engage in a variety of these practices, reflect on their effectiveness and appropriate uses and learn to lead some practices appropriate for settings of interest to the students.

MED 660 Directed Studies 1 to 3 CREDITS
Consent of instructor required to pursue a special topic of interest. Prior to registration, a plan of study must be submitted for approval by the director of the MED Program. This course is repeatable for credit.

MED 665 Educational Research Extension 1 CREDIT
This course extends the MED research sequence coursework, enabling students to deepen their research projects and further develop their skills in conducting academic research. Projects in the course may include finding and evaluating academic literature, academic writing, synthesizing and analyzing data, learning additional data collection methods, and preparing manuscripts for publication. Course meets on-line in a directed study format. This course is repeatable for credit.

MED 666 Serious Games & Gamification 3 CREDITS
Gaming has become an important pathway for learning in a variety of formal and non-formal settings. In this course students learn the differences between gamification, game-based learning, and learning games and how to use these formats effectively. Students connect learning theories to game design to enhance motivation and learning. Students make use of research on learning through gaming and design a game-based learning unit. Ethical issues involved in the field will be explored.

MED 667 Online Teaching and Learning 3 CREDITS
Students will identify how they and others learn using the internet. They will participate in the development of online learning materials and follow best practices in instructional design to identify learning outcomes, design appropriate learning materials for a type of learner, develop effective learning materials, implement online instruction, and evaluate the effectiveness of the learning process. Learners will also participate in learning technologies that help engage online students and teach others how to use these technologies.

MED 668 Instructional Design Foundations 3 CREDITS
This course introduces instructional design and educational technology. Students will learn the basics of instructional design, systematic design, multimedia learning, user-experience, and instructional design tools. Students will practice identifying and analyzing instructional need and will create instructional design documents.

MED 670 Adult & Higher Ed Foundations & Futures 3 CREDITS
This course introduces students to the breadth of the fields of adult and higher education and their historical, sociological, and philosophical foundations. Students will explore their own beliefs, values, and experiences and develop a working philosophy of education. They will deepen their understanding of the historical development of adult and higher education in the US and the differing philosophies that shape contemporary educational policies. The tools of historical, sociological, political, and philosophical analysis will be used to understand current debates in the field.

MED 673 Internship/Teaching Practicum 1 to 3 CREDITS
Teaching is learned through study, practice, and reflection. This course provides the opportunity for students to strengthen their teaching skills by engaging in research, observing other teachers, trying out teaching and assessment methods, and reflecting on their effectiveness individually and with peers. Assignments can be shaped to the skill level, interests, and teaching situation of each student. This course may be used to fulfill Curricular Practical Training requirements. This course is repeatable for credit.

MED 679 Research Methodologies 3 CREDITS
Through a review of the theoretical and practical aspects of qualitative research methodologies, this course moves towards the completion of a research proposal. Students in this course will pick topics and design studies meant to answer specific research questions. This course requires the completion of Chapters I, II, and III of students' capstone project. Prerequisite: MED 650.

MED 680 Research Project 3 CREDITS
Through engagement in critical reflectivity and scholarly writing, students complete their research project begun in MED 679. Completion of portfolio required. Prerequisite: MED 679.

(MPH)

MPH 645F Health Disparities 3 CREDITS
This course examines the extent/causes of social inequalities in health. The focus is on individual, community and policy approaches to reducing social inequalities in health.

MPH 690A Capstone I: Research Project 3 CREDITS
This capstone course will require students to synthesize all previous course work and practical experience to generate an evidence-based public health research project. Students will select a research topic, submit intermediate assignments, generate a submission-quality research paper, and present the results to peers and faculty. Faculty mentors will provide guidance along each step of the research process.

MPH 690B Capstone II: Research Project 3 CREDITS
This capstone course will require students to synthesize all previous course work and practical experience to generate an evidence-based public health research project. Students will select a research topic, submit intermediate assignments, generate a submission-quality research paper, and present the results to peers and faculty. Faculty mentors will provide guidance along each step of the research process.

MPH 645G Principles of Public Health Informatics 3 CREDITS
The purpose of this course is to provide students with a basic understanding of "Informatics" and its application in a Public Health setting. The goal of Public Health Informatics is for students to understand the basic technological tools and building blocks needed to develop and manage Public Health data collection systems to meet analytical needs. Students will learn how to take these systems and implement them successfully in Public Health environments.

MPH 645H Foundations of Global Health 3 CREDITS
The focus of this course is an overview of public health on a global scale. Students in this course will immerse themselves with a global outlook of public health, and understand how disease and illness ignore national borders. The course will begin with a broad overview of the global health situation, comparing the different regions of the world. Students will then be exposed to specific topics in global health, including infectious diseases, chronic diseases, women and children's health, nutrition, occupational and environmental diseases, mental health, culture/religion and health, traditional and indigenous health, and health care systems. The course will be a blend of lectures and discussion, along with guest lectures and multimedia presentations. The capstone for the course will be a presentation and final paper on a topic of the student's choice.

MPH 645E Violence and Public Health Framework 3 CREDITS
Sexual assault, domestic violence, stalking, trafficking, and other forms of interpersonal violence disproportionately affect women, girls, and marginalized populations. Violence against women has become a significant public health threat with measurable impact on indicators such as illness, injury, and mortality. This course will use the public health framework to examine the causes and consequences of interpersonal violence, including an analysis of individual, community, and societal risk and protective factors, implications for public policy, and research directions for primary prevention.

MPH 645I Advanced Epidemiology 3 CREDITS
MPH 645I will introduce students to intermediate and advanced principles in Epidemiology. This class will focus primarily on epidemiologic methods for practice and research, including study designs, bias, confounding, effect modification, and interaction. Students will learn how to design epidemiologic studies, plan epidemiologic analysis and analyze data.

MPH 645D Emergency Preparedness in Public Health 3 CREDITS
In this course you will learn how emergency preparedness affects you as an individual as well as a Public Health professional. We will examine how the emergency response system works locally and federally as well as the role of public health workers in responding to natural disasters, disease outbreaks and other types of emergencies. Upon completion you will be more effectively be able to participate in the emergency response plan in the event of a major event or disaster.

MPH 500 Principles of Public Health Practice 3 CREDITS
This course will introduce and analyze the ten essential services of public health. The essential services include monitoring the health status of a community, diagnosing and investigating health problems and hazards, health education, community partnerships and bridge-building, health planning and policy, health and safety regulations and laws, health services particularly for the underserved, workforce training and regulation, health services evaluation, and health research. Students will also become familiar with the eight core competencies of public health practice through application and case studies. The course will be a combination of seminar, lecture and discussion. A final project will be required as well as a written paper and oral presentation.

MPH 510 Social and Behavioral Sciences,In Public Health 3 CREDITS
The focus of this course is to study the relationship between cultural, social and behavioral factors and its role in both individual and population health. A general overview of social and behavioral sciences relevant to public health will be discussed. Emphasis will be placed on the complex interactions between health at the level of individuals and groups and how they are affected by cultural and social determinants. Extensive readings and case studies will reinforce the concepts introduced in class. The course will be a mix of in-class discussion and lectures.

MPH 520 Environmental Health 3 CREDITS
This course is an overview of environmental factors; including physical, biological and chemical factors; and their impact on health at a population-level. Theories and concepts in environmental health will be introduced and reinforced with real-life case studies, particularly those from the state of Utah. Students will be required to participate in discussions and write and present a project paper during the course.

MPH 530 Principles of Epidemiology 3 CREDITS
This course is the first of two courses that will focus on quantitative methods for public health. The course will be an overview of the epidemiologic and biostatistical tools necessary to understand the complex interactions between health outcomes and human populations. Upon completion of the course, students will be able to apply these tools to public health practice, critical evaluation of health research, analysis of data, and proper application of epidemiology and biostatistics in conducting health research. Concepts will be reinforced with historical and contemporary examples and case studies. Commercially available statistical packages will be used for data analysis. The course will be a combination of lecture and discussion. Although this course is the first of two, it can be taken without the second course for a more elementary overview of quantitative methods for public health.

MPH 540 Healthcare Management 3 CREDITS
The focus of this course is to provide students the opportunity to understand various approaches to administration and management as they apply to administering public health programs. The text approaches healthcare management from a population-based management perspective. The class will examine the underlying elements of healthcare management, the administrative processes and issues in carrying out these elements, and then explore the strategies for managing population health across selected functional areas and organizational boundaries. Lectures will also explore leadership principles using preparedness as a theme. The class format will be lectures, quizzes, discussions, some written assignments and class presentations.

MPH 555 Global Health 3 CREDITS
The focus of this course is an overview of public health on a global scale. Students in this course will immerse themselves with a global outlook of public health, and understand how disease and illness ignore national borders. The course will begin with a broad overview of the global health situation, comparing the different regions of the world. Students will then be exposed to specific topics in global health, including infectious diseases, chronic diseases, women and children's health, nutrition, occupational and environmental diseases, mental health, culture/religion and health, traditional and indigenous health, and health care systems. The course will be a blend of lectures and discussion, along with guest lectures and multimedia presentations. The capstone for the course will be a presentation and final paper on a topic of the student's choice.

MPH 575 Introduction to SAS Programming 3 CREDITS
The focus of this course is to learn to program in SAS. SAS is a powerful data management and statistical analysis software package, used extensively in health and medical research, in academic, government and private sectors. It is available on mainframe computers, as well as on microcomputers under the UNIX, Apple, LINUX and Windows operating systems. This introductory course will introduce the SAS programming software to students interested in conducting research in the health and medical fields. Students will learn how to create SAS databases from a variety of sources, manipulate and manage the data, conduct elementary statistical analysis, and output and present the data. This is an introductory course, designed for those who have little or no programming experience in SAS or any other programming language. However, even those who have some SAS programming experience can benefit from this course.

MPH 600 Public Health Leadership and Ethics 3 CREDITS
Teaches students the principles of leadership and ethical professional practice. The course also presents leadership and ethical challenges relative to public health practice. Content areas will include leadership and ethical theory; personal leadership; leadership in organizations; leadership in communities and leadership in research. Emphasis will be placed on the application of these concepts to real life public health problems and issues. This course will prepare students to make reasoned ethical decisions when engaged in public health practice or public health research. Students will be required to read articles, case studies and be prepared to discuss and dissect them in class. Students will also be required to research and present a case study in bioethics to the class, and lead a discussion on issues raised by this case study.

MPH 621 Practicum I 3 CREDITS
The practicum experience is meant to give students direct, hands-on experience comparable to a career position suitable for someone with an advanced public health degree. This will not only supplement the student's coursework and enrich their academic experience, but also prepare the student for employment after completion of their degree. A minimum of 90 contact hours is required for the three credit hours.

MPH 622 Practicum II 3 CREDITS
The practicum experience is meant to give students direct, hands-on experience comparable to a career position suitable for someone with an advanced public health degree. This will not only supplement the student's coursework and enrich their academic experience, but also prepare the student for employment after completion of their degree. A minimum of 90 contact hours is required for the three credit hours.

MPH 630 Statistical Methods for Public Health 3 CREDITS
This course is the continuation of MPH 530 (Principles of Epidemiology). Students will review more advanced topics in epidemiology and biostatistics. Topics covered include study design, simple and multiple regression, analysis of categorical data, and confounding and bias in quantitative analysis. Concepts will be reinforced with historical and contemporary examples and case studies. Commercially available statistical packages will be used for data analysis. The course will be a combination of lecture and discussion.

MPH 635 Capstone I: Research Design & Stat Analy 3 CREDITS
In addition to the advanced/applied biostatistics (qualitative and quantitative) and epidemiology statistical methods the course will include the students developing a research proposal for Capstone II and developing an IRB for submission. The course will address the ethics in the IRB procedures. Questionnaire/survey development and the fundamental skills or presenting and publishing findings will also be addressed.

MPH 640 Prog Planning & Eval-Public Health 3 CREDITS
This course presents methods for the identification of population-based needs for public health intervention, development of programs to meet those needs, and evaluation of the effectiveness of these public health interventions. The course integrates several knowledge and skill areas including: research methods, proposal writing, budget planning, project management, and program evaluation. Students will learn the process of public health programming including research methods, proposal writing, budget planning, assessment, design, planning, implementations, project management, and evaluation.

MPH 645 Special Topics in Public Health 1 to 3 CREDITS
A special topics course highlighting specific areas or themes in public health.

MPH 655 Infectious Disease Epidemiology 3 CREDITS
Infectious Disease Epidemiology provides an overview of the foundations and methods used in assessing the phenomena of infectious disease from a public health perspective. The cause and treatment of common infectious diseases are explored as a foundation for the learning objectives.

MPH 668 Directed Studies 1 to 4 CREDITS
Allows students to undertake independent research and readings on special topics not fully covered in the MPC Program. Requires consent of instructor and school dean. This course is repeatable for credit.

MPH 690 Capstone Research Project 6 CREDITS
This capstone course will require students to synthesize all previous course work and practical experience to generate an evidence-based public health research project. Students will select a research topic, submit intermediate assignments, generate a submission-quality research paper, and present the results to peers and faculty. Faculty mentors will provide guidance along each step of the research process.

(MSN)

MSN 645G Principles of Public Health Informatics 3 CREDITS
The purpose of this course is to provide students with a basic understanding of "Informatics" and its application in a Public Health setting. The goal of Public Health Informatics is for students to understand the basic technological tools and building blocks needed to develop and manage Public Health data collection systems to meet analytical needs. Students will learn how to take these systems and implement them successfully in Public Health environments.

MSN 500 Advanced Health Assessment and,Diagnostic Reasoning 4 CREDITS
Focuses on the development of advanced communication, assessment, and diagnostic reasoning skills. These skills are used to analyze health and alterations in health of individuals and families across the life span.

MSN 501 Advanced Pathophysiology 3 CREDITS
A system-focused pathophysiology course. Covers physiologic and pathologic mechanisms of disease. Undergraduate pathophysiology course or equivalent is strongly recommended.

MSN 532 Pharmacology for Advanced Practice 3 CREDITS
Designed to provide the required general knowledge for safe, effective prescriptive practice as defined by the State of Utah Nurse Practice Act. A variety of teaching/learning approaches assist the student to methodically analyze all aspects of the patient history and physical exam to appropriately prescribe for independent scripting practice.

MSN 540 Theoretical Foundations of Advanced,Practice Nursing 2 CREDITS
Designed to provide a theoretical basis for advanced nursing practice. Concepts and principles of nursing and family theories are analyzed and applied to practice and nursing education. Prerequisite: undergraduate nursing theory course or equivalent; RN license.

MSN 550 Health Care and Health Promotion of,Adults and Older Adults 4 CREDITS
Emphasizes the diagnosis and management of common acute illnesses and stable chronic disease states in the adult and older adult client. Attention is given to early detection and treatment of chronic disease, occupational and environmental hazards, common psychosocial problems, and changes in function related to aging.

MSN 570 Research in the Practice Setting 3 CREDITS
Provides opportunities for advancing knowledge and application of the research process for application of research findings. Students will develop critical thinking skills to appraise, integrate, and apply research findings in evidence-based clinical practice through a variety of teaching and learning pedagogies.

MSN 581 Health Care and Health Promotion of,Young Adults/Clinical Seminar 4 CREDITS
Emphasizes the recognition and management of uncomplicated pregnancy and the diagnosis and management of acute and stable chronic health problems in the male and female young adult patient. Special emphasis

is placed on health promotion and prevention issues in the young adult population. The clinical seminars utilize case studies to evaluate clinical decision-making and to identify pharmacologic and non- pharmacologic therapy for the young adult. Prerequisites: MSN 500, 501, 532, 540, 550, 570.

MSN 582 Health Care and Health Promotion of,Infants Through Adolescents/Clinical,Seminar 4 CREDITS
Emphasizes well child care, and the recognition and management of acute illnesses and stable chronic diseases common to the pediatric and adolescent client. Attention is given to infectious disease, anticipatory guidance, facilitation of individual growth and development, accident prevention, and family interactions. Appropriate pharmacologic and non-pharmacologic therapies for common health concerns are examined.

MSN 584 Ambulatory Care Procedures 3 CREDITS
This class focuses on the development of ambulatory procedures skills necessary to manage health and alterations of health of individuals and families across the lifespan.

MSN 601 Role and Leadership in Advanced,Practice Nursing 2 CREDITS
Emphasizes exploration, analysis and evaluation of the role of the family nurse practitioner to ensure and monitor the quality of health care in the changing health care system. Provides macro to micro perspectives on effective leadership for the advanced practice nurse. National and local health policy, political activism, and economics are discussed. Development, maintenance, and evaluation of practice are examined.

MSN 610 Masters Project 3 CREDITS
This class provides guidance and direction for the completion of a scholarly group project.

MSN 639 Advanced Nursing Practicum/Clinical,Seminar 5 CREDITS
A culminating course taught in the final semester with emphasis on providing primary health care to clients across the lifespan and prescribing appropriate pharmacologic and non-pharmacologic therapies of common, acute, and chronic health concerns. Special emphasis is placed on the assumption of the role and responsibilities of an advanced practice nurse. As this is a capstone program with 240 hours spent in the clinical setting, the student is given the opportunity to synthesize the knowledge from all prior graduate courses in ordering appropriate labs, x-rays, etc. to reach a correct medical diagnosis and evaluate the plan with the preceptor.

MSN 650 Advanced Practice Nursing, Continuing,Registration 0 CREDITS
This course is for the ongoing completion of clinical practice hours. This course is repeatable for credit.

MSN 660 Special Topics Master of Science Nursing 1 to 4 CREDITS
Special topics are offered under this course number as opportunities for students to explore areas of interest. Prerequisites: consent of instructor, director and school dean.

MSN 668 Directed Studies 1 to 4 CREDITS
Independent pursuit of topics/areas not covered by core or core of elective courses. Requires consent of instructor, director, and school dean. This course is repeatable for credit.

MSN 670 Synthesis: Practice in Context 2 CREDITS
Designed to assist students to develop skills needed to effectively transition to the role of the Family Nurse Practitioner.

MSN 699 Masters Project Continuing Registration 0 CREDITS
This course is for the ongoing work on the clinical research component of the Masters Program. This course is repeatable for credit.

(WRIT)

WRIT 505 Agents of Change 3 CREDITS
This course provides graduate students with instruction in the genre and mechanics of academic writing at the graduate level from the lens of agents of change. As change agents, students will collaborate and communicate with an intention to create change for the common good. The course content will focus on global challenges from multiple perspectives. Topics may include the following: sustainability, economic security, public health, global migration, global citizenship, and global climate patterns. Students will engage in identity self-awareness to reflect on their beliefs. A strong emphasis will be on research, writing, and communication as well as exploring leadership and collaboration skills. The writing, communication, and team-work skills gained in this course will transfer to private, professional, and post-graduate writing contexts.