

INTERDEPARTMENTAL SCHOOL OF MEDICINE (IDPT)

IDPT 5007 - Food Systems & Health (1 Credit)

Students participating in the Food Systems & Health Elective will explore the complex intersection of food systems and whole-person health through an interdisciplinary lens. The course emphasizes clinical and community health principles and provides students interactive opportunities to connect, discuss, and develop communication and advocacy skills.

Grading Basis: Pass Fail with IP

Typically Offered: Fall.

IDPT 5010 - First Course (1 Credit)

This immersive course provides students with basic tools needed to begin medical school with confidence and success. It will encourage curious, life-long learning, foster commitment to serve the profession, our patients & society, and begin the development of physician leaders capable of transforming the health of diverse communities.

Grading Basis: Pass Fail with IP

Typically Offered: Fall.

IDPT 5012 - Introduction to Global Health Research (1 Credit)

This seminar series is open to medical students and CHA/PA students in the Global Health Track. Topics include pre-travel health and safety considerations, ethical issues in global health, human rights and health, as well as research and philosophical tools for culturally appropriate care in a sustainable fashion. The class is required of Global Health Track Students. The University of Colorado requires that all Medical Students planning a global health project for their MSA be in the global health track and participate in this course.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring.

IDPT 5013 - Clinical Medical Spanish I (FCB) (1 Credit)

Course seeks to increase FCB 1st yr Med student comfort level interacting with Spanish-speaking patients. It is intended to be a precursor to clinical or community settings with Spanish-speaking patients. Hope to introduce students to the work done at CSU satellite campus in Todos Santos.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring.

IDPT 5014 - Narrative Medicine: Digital Stories and Community Engagement (1-2 Credits)

After introduction to digital storytelling basics from experts, learners will create their own stories to practice the skills of making a narrative video & appreciate & honor the vulnerability inherent in sharing a personal story.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring.

IDPT 5016 - Foundational Principles (9 Credits)

Introductory science content is encapsulated into a solid foundation upon which to construct more complex medical sciences knowledge while advancing students' professional competencies. Integrated Health & Society and Clinical Skills content will develop students' knowledge and skills to provide effective, equitable patient-centered care.

Grading Basis: Pass Fail with IP

Typically Offered: Fall.

IDPT 5017 - Hematologic & Lymphatic Systems (5 Credits)

This course explores basic science and clinical concepts related to normal physiology and disease states of the hematologic and lymphatic systems. Emphasis is on knowledge application. Integrated Health & Society and Clinical Skills content will develop students' knowledge and skills to provide effective, equitable patient-centered care.

Grading Basis: Pass Fail with IP

Typically Offered: Fall.

IDPT 5018 - Gastrointestinal System (7 Credits)

Clinical and basic science topics related to the normal function and diseases of the gastrointestinal tract and accessory organs will be merged with an overview of nutrient metabolism. Integrated Health & Society and Clinical Skills content will develop students' knowledge and skills to provide effective, equitable patient-centered care.

Grading Basis: Pass Fail with IP

Typically Offered: Fall.

IDPT 5019 - Pulmonary & Cardiovascular Systems (10 Credits)

Fundamentals of physiology, pharmacology, immunology, and anatomy will dovetail into the pathophysiology of pulmonary and cardiovascular diseases to facilitate diagnosis and treatment. Integrated Health & Society and Clinical Skills content will develop students' knowledge and skills to provide effective, equitable patient-centered care.

Grading Basis: Pass Fail with IP

Typically Offered: Fall.

IDPT 5020 - Traverse (1-2.5 Credits)

Traverse is a longitudinal experience including 5 dedicated weeks, during which students will complete comprehensive assessments of their clinical skills and medical knowledge. Longitudinal activities, such as direct patient care with preceptors, will support students' professional growth and development. Students will also be introduced to and prepare for the longitudinal integrated clerkships.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 6.

Typically Offered: Fall, Spring, Summer.

IDPT 5021 - Renal & Urinary Systems (5 Credits)

This course encompasses normal physiology, histology and anatomy as well as the pathophysiological dysfunction and pharmacology of the renal & urinary systems. Integrated Health & Society and Clinical Skills content will develop students' knowledge and skills to provide effective, equitable patient-centered care.

Grading Basis: Pass Fail with IP

Typically Offered: Spring.

IDPT 5022 - Nervous System (8 Credits)

A foundational, interdisciplinary approach to nervous system structure and function in health and disease will include neuroanatomy, pathophysiology, and pharmacology, among others. Integrated Health & Society and Clinical Skills content will develop students' knowledge and skills to provide effective, equitable patient-centered care.

Grading Basis: Pass Fail with IP

Typically Offered: Spring.

IDPT 5023 - Musculoskeletal & Integumentary Systems (7 Credits)

This interdisciplinary course incorporates the anatomy, physiology and histology of skin, muscle, bone, peripheral nerves, cartilage, and ligaments with associated clinical conditions. Integrated Health & Society and Clinical Skills content will develop students' knowledge and skills to provide effective, equitable patient-centered care.

Grading Basis: Pass Fail with IP

Typically Offered: Spring.

IDPT 5024 - Mind & Behavior (5 Credits)

Students will explore the biological, developmental, environmental, and psychological processes underlying human behavior, cognition, and emotions so they can care for persons with mental illness. Integrated Health & Society and Clinical Skills content will develop students' knowledge and skills to provide effective, equitable patient-centered care.

Grading Basis: Pass Fail with IP

Typically Offered: Spring.

IDPT 5025 - Endocrine & Metabolic Systems (7 Credits)

Biochemistry, pathology, physiology, immunology, and pharmacology are combined with the clinical approach to diagnosis and treatment of disorders of the endocrine system. Integrated Health & Society and Clinical Skills content will develop students' knowledge and skills to provide effective, equitable patient-centered care.

Grading Basis: Pass Fail with IP

Typically Offered: Summer.

IDPT 5026 - Reproductive System & Life Cycle (7 Credits)

The development, physiology, pathology, and pharmacology of the male and female reproductive systems are addressed along with changes in health and wellness across the lifespan. Integrated Health & Society and Clinical Skills content will develop students' knowledge and skills to provide effective, equitable patient-centered care.

Grading Basis: Pass Fail with IP

Typically Offered: Summer.

IDPT 5027 - IHI Open School Basic Certificate (1 Credit)

Earning the IHI Open School Basic Certificate in Quality and Safety boosts your knowledge and skills — and proves to educators and residencies you are serious about changing health care for the better. To receive the Certificate, you must complete the following 13 Open School courses: Q1 101–Q105, PS 101–105, TA 101, PFC 101, and L 101.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring.

IDPT 5028 - One Health I (FCB) (1 Credit)

One Health is a transdisciplinary concept that focuses on issues at the intersection of Human, Environmental, and Animal Health. The One Health Practicum will bring together groups of interdisciplinary undergraduate, graduate, and professional students to evaluate real-world One Health challenges in the City of Fort Collins.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 5029 - Clinical Medical Spanish (1 Credit)

Students will learn and practice the language skills they need to communicate effectively with their Spanish speaking patients. The course is delivered in a hybrid format that allows students to complete weekly lessons and quizzes at their own pace and then join the live (synchronous) online sessions to practice the Spanish they are learning in the lessons.

Grading Basis: Pass Fail with IP

Typically Offered: Spring.

IDPT 5031 - Mentoring & Scholarly Activity (1 Credit)

Mentorship and scholarly activity are essential to maximizing personal and professional potential. Students will engage in the COMPASS program's professional identity formation curriculum and partner with Guides for mentorship, reflection, and goal setting. This course will also launch students' 4-year, longitudinal mentored scholarly activity project.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 3.

Typically Offered: Fall, Spring, Summer.

IDPT 5033 - Clinical Medical Spanish II @ Fort Collins Branch (1 Credit)

This weekly 1-hour class seeks to build on the work done in the first medical Spanish elective for 1st year medical students. It is intended to be simulation-based and will serve as a practical precursor to clinical or community settings. Prerequisites: Clinical Medical Spanish IDPT 5029.

Grading Basis: Pass Fail with IP

Typically Offered: Spring.

IDPT 5034 - One Health II (FCB) (1 Credit)

One Health is a transdisciplinary concept that focuses on issues at the intersection of Human, Environmental, and Animal Health. This elective will give students the opportunity to teach about One Health concepts to the Northern Colorado community at large. It will also give students the opportunity to shadow at the CSU Veterinary Teaching Hospital to understand the similarities and differences between human and veterinary medicine and opportunities for collaboration.

Grading Basis: Pass Fail with IP

Typically Offered: Spring.

IDPT 5090 - Mentored Scholarship I (1 Credit)

A four year requirement for students to pursue and complete a mentored scholarly project and a capstone presentation. Project can be in one of the following thematic areas: basic and clinical research; epidemiology and public health; humanities and social sciences.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring.

IDPT 5091 - MSA Summer Elective (12 Credits)

Students work intensively with mentors on their chosen MSA Project. Students critically review background literature, define a question/hypothesis, develop, and implement methods and student design, collect data, analyze, and interpret data, and submit written progress reports for their MSA project. Pre-requisite: IDPT 5090

Grading Basis: Pass/Fail

Typically Offered: Summer.

IDPT 5094 - Research Track Plains Elective (1 Credit)

The goals of the Research Track are: 1) to, foster student development of an identity as a physician capable of being deeply involved with and completing research efforts and for graduates to acquire the knowledge and skills to successfully complete the components of a research project. This elective is only for students who have been accepted into the Research Track in the first trimester.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 5095 - Research Track Phase I (12 Credits)

Students complete training in citation manager software and initiate mentor-guided research. Prerequisite: Required if enrolled in Research Track. Instructor consent required. Course Restrictions: Must be a Research Track Student, this course replaces Mentored Scholarship requirement.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring.

IDPT 5096 - Summer Research Phase I (1 Credit)

This course is for students desiring to do research at CU or other institutions during the summer in between first and second year.

Grading Basis: Pass Fail with IP

Typically Offered: Summer.

IDPT 5200 - Introduction to Global Health (1 Credit)

This one-credit course is designed to introduce clinicians in training to critical topics in global health. The course consists of lectures and group discussions lead by experts in a variety of global health-related diseases, public health priorities, and health policy issues.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 2.

Typically Offered: Fall, Spring.

IDPT 5600 - Topics in Biomedical Science and Research (4 Credits)

Research internship for undergraduate fellows in Graduate Experiences for Multicultural Students (GEMS) Program.

Grading Basis: Letter Grade

A-GRAD Restricted to graduate students only.

Typically Offered: Summer.

IDPT 6006 - Obesity and Cardiovascular Disease (1 Credit)

The course will cover how obesity relates to cardiovascular disease including basic and clinical mechanisms on the pathophysiology of vascular biology, insulin resistance, risk factors, and outcomes, and how therapeutic interventions modify cardiovascular disease risk.

Requirements: Course will span two semesters, Fall and then Spring

Grading Basis: Letter Grade

Typically Offered: Fall, Spring.

IDPT 6090 - Mentored Scholarship II (1 Credit)

A four year requirement for students to pursue and complete a mentored scholarly project and a capstone presentation. Project can be in one of the following thematic areas: basic research, clinical research, epidemiology and public health, humanities and social sciences.

Grading Basis: Medical School HP

Repeatable. Max Credits: 1.

Typically Offered: Fall, Spring, Summer.

IDPT 6095 - Research Track Phase II (1 Credit)

1. Demonstrate progress towards the completion of your research project and publicly communicate understanding of the project to others a.

Present WIP to peers and faculty in an oral presentation b. Effectively

respond to comments and questions from peers about your research efforts c. Identify scientific questions when others present Prerequisite:

Required if enrolled in Research Track. Instructor consent required.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring.

IDPT 6652 - Key Cncpt Ped Dsablty 3 (2 Credits)

Grading Basis: Letter Grade

IDPT 6655 - Asst Tech: Assess Incl I (2 Credits)

Grading Basis: Letter Grade

IDPT 7005 - Foothills Basecamp - Transition to Clerkship (4 Credits)

Students develop knowledge and skills necessary to transition to clerkships with confidence and success. Through multidimensional skills and case-based sessions, students will advance clinical reasoning,

psychomotor, communication and efficiency skills as well as dedicate time to reflection and professional identity exploration.

Grading Basis: Pass Fail with IP

Typically Offered: Fall.

IDPT 7012 - Longitudinal Integrated Clerkship (2-6 Credits)

This is a multidisciplinary course required of students participating in the LIC. Students will be required to manage cohorts of longitudinal patients, participate in projects and small group discussions, engage in reflective practice and complete logging of clinical requirements. Department Consent Required.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 12.

Typically Offered: Fall, Spring, Summer.

IDPT 7013 - Longitudinal Internal Medicine (LIC) (2-6 Credits)

This course introduces adult medicine with emphasis on acute illness, chronic disease management, and preventive care. Students will combine inpatient and ambulatory experiences. Department Consent Required.

Grading Basis: Medical School HP

Repeatable. Max Credits: 12.

Typically Offered: Fall, Spring, Summer.

IDPT 7022 - Longitudinal Pediatrics (LIC) (2-6 Credits)

This course introduces pediatric medicine, emphasizing illness and wellness of children and families, growth, development, physical and mental well-being. Students combine inpatient, nursery, and ambulatory experiences. Department Consent Required.

Grading Basis: Medical School HP

Repeatable. Max Credits: 12.

Typically Offered: Fall, Spring, Summer.

IDPT 7032 - Longitudinal Obstetrics/Gynecology (LIC) (2-6 Credits)

This course focuses on care of women in OB/GYN clinics, labor and delivery, OB and GYN wards, and the operating room. Additionally, students will learn a newborn exam and fundamentals of newborn care. Department Consent Required.

Grading Basis: Medical School HP

Repeatable. Max Credits: 12.

Typically Offered: Fall, Spring, Summer.

IDPT 7033 - Longitudinal Emergency Med (LIC) (2-3 Credits)

This course will provide an introduction to the initial evaluation and management of emergently presenting problems in adults and children. Emphasis will be on disease recognition, differential diagnosis, and

stabilization of shock and trauma, as well as pre-hospital care and concepts of triage. Department Consent Required.

Grading Basis: Medical School HP

Repeatable. Max Credits: 6.

Typically Offered: Fall, Spring, Summer.

IDPT 7042 - Longitudinal Psychiatry (LIC) (2-6 Credits)

This course will focus on psychiatric care of adults and children, and clinical experiences will include ambulatory settings, inpatient units, psychiatric emergency room, consults, and psychiatric specialties. Department Consent Required.

Grading Basis: Medical School HP

Repeatable. Max Credits: 12.

Typically Offered: Fall, Spring, Summer.

IDPT 7049 - Clerkship Remediation (4-8 Credits)

This remediation course is designed to allow the student to remediate a specialty clerkship or LIC specific requirements.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 7052 - Longitudinal Surgery (LIC) (2-6 Credits)

This course focuses on surgical diseases. Students will participate in operative care and peri-operative care. Assessment and management of common inpatient and ambulatory procedures are emphasized from initial patient referral to discharge. Students will combine ambulatory, inpatient and operating room experiences.

Grading Basis: Medical School HP

Repeatable. Max Credits: 12.

Typically Offered: Fall, Spring, Summer.

IDPT 7062 - Longitudinal Family Medicine (LIC) (2-6 Credits)

This course focuses on broad spectrum family medicine including acute and chronic ambulatory care, hospital care, and obstetric care of adults and children. Students will participate in the provision of comprehensive patient-centered primary care and will focus on the longitudinal acute and chronic disease management, prevention and health. Department Consent Required.

Grading Basis: Medical School HP

Repeatable. Max Credits: 12.

Typically Offered: Fall, Spring, Summer.

IDPT 7090 - Mentored Scholarship III (1 Credit)

A four year requirement for students to complete a mentored scholarly project and capstone presentation. Projects can be in one of the following thematic areas: basic research, clinical research, global health, epidemiology and public health, humanities and social sciences.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring.

IDPT 7095 - Research Track Phase III (1 Credit)

Students clarify and plan Phase IV process for completing Research Track requirements. Prerequisite: Required if enrolled in Research Track. Instructor consent required.

Grading Basis: Pass/Fail with IP

Typically Offered: Fall, Spring.

IDPT 7101 - Clinical Practice Exam (CPE) Formative (1 Credit)

To advance to Phase IV, students must complete all required Phase III clerkships with passing grades, must complete the required Longitudinal Curriculum elements, the formative CAPE assessment, and successfully pass or remediate the Clinical Practice Exam (CPE).

Grading Basis: Pass/Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 7102 - Clinical Practice Exam (CPE) Summative (1 Credit)

To advance to Phase IV, students must complete all required Phase III clerkships with passing grades, must complete the required Longitudinal Curriculum elements, the formative CAPE assessment, and successfully pass or remediate the Clinical Practice Exam (CPE).

Grading Basis: Pass/Fail

Typically Offered: Fall, Spring, Summer.

IDPT 7160 - Philosophical Foundations of Research Ethics (2 Credits)

This course will examine the philosophical basis for current research ethics practices, address current ethical issues and controversies in biomedical research, and provide students with knowledge and analytical skills to address the ethical dimensions of biomedical research.

Crosslisted: CLSC 7160

Grading Basis: Letter Grade

Typically Offered: Spring.

IDPT 7200 - Scientific Writing for Doctoral Students (2 Credits)

Scientific writing course for students engaged in research. Focuses on critical thinking, analytical writing, and oral presentation. Taught as a writing workshop, the course emphasizes effective communication with both professional and non-technical audiences. Restrictions: Must have passed preliminary examination; permission of instructor.

Grading Basis: Letter Grade

A-GRAD Restricted to graduate students only.

Typically Offered: Spring.

IDPT 7301 - Introduction to Life Science Technology Commercialization (1-3 Credits)

Course designed to familiarize graduate level engineering, business, law, science students with fundamentals of life science technology commercialization including drugs, devices, diagnostics, healthcare IT and platform applications. Three consecutive, 5-week classes, each 1 credit. Open to all graduate level students.

Grading Basis: Letter Grade

Repeatable. Max Credits: 3.

Typically Offered: Fall, Spring.

IDPT 7610 - Phcl & Anat of Cntral Nerv Sys (1 Credit)

Grading Basis: Letter Grade

IDPT 7628 - Gerontological Pharm (2 Credits)

Grading Basis: Letter Grade

IDPT 7630 - Detertn Prima Struct Biomolecl (4 Credits)

Grading Basis: Letter Grade

IDPT 7640 - Molecular/Cell/Dev/Endo (3 Credits)

Grading Basis: Letter Grade

IDPT 7642 - Introduction to Laboratory Animal Research (1 Credit)

Provides basic knowledge on the use of laboratory animals, animal welfare and animal models. Includes general concepts on animal biology and husbandry for most common laboratory species and incorporates essential principles of anesthesia, analgesia, surgery and peri operative care.

Grading Basis: Letter Grade

Typically Offered: Summer.

IDPT 7656 - MSTP MSIII Clinical Interval (1-3 Credits)

Course restricted to MSTP MSIII students for clinical gap intervals. Prerequisite: MSTP director approval required. Instructor consent required

Grading Basis: Satisfactory/Unsatisfactory w/IP

Repeatable. Max Credits: 12.

Typically Offered: Fall, Spring, Summer.

IDPT 7727 - Directed Study Clinical Sci (4-24 Credits)

This course provides an opportunity for medical students to further develop and refine their knowledge of the clinical sciences. Course will include scheduled study time, regularly scheduled practice exams, tutoring in clinic content and test taking strategies. Prereq: Course Director approval required to add.

Grading Basis: Medical School HP

Repeatable. Max Credits: 24.

Typically Offered: Fall, Spring, Summer.

IDPT 7777 - Off Time (0 Credits)

Grading Basis: Non-Graded Component

Repeatable. Max Credits: 24.

IDPT 7850 - Independent Study in Bioethics, Medical Humanities or Health Law (1-6 Credits)

Course is designed to meet the needs of students interested in conducting advanced studies of issues and topics in bioethics, medical humanities, or health law. Students will work under the direction of the course director on a specific research topic. Course Restrictions: Permission of the instructor. Repeatable for credit within the degree program, but not within the same term. Max credits - 6.

Grading Basis: Letter Grade

Repeatable. Max Credits: 6.

A-GRAD Restricted to graduate students only.

Typically Offered: Fall, Spring, Summer.

IDPT 8000 - Clinical Preceptorship Elective (2-4 Credits)

2.0 cr. Summer, 4.0 Fall and Spring. This course continues the established student-preceptor relationship from the FDC course. Students attend their preceptor office 2-3 times per month. Students will work with a panel of patients or families serving as their physician under the supervision of their preceptor. Prereq: IDPT 7000.

Grading Basis: Medical School HP

Repeatable. Max Credits: 4.

Typically Offered: Fall, Spring, Summer.

IDPT 8003 - Geriatrics (4-8 Credits)

2-4 wks. Max: 2. Geriatrics elective will provide clinic exposure to caring for older adults in the outpatient primary care and sub-acute rehab settings. Learning objectives focus on the special needs of frail or chronically ill older adults and resources beyond direct physician care utilized for this population.

Grading Basis: Pass Fail with IP

IDPT 8007 - Medicine/Pediatrics (4-8 Credits)

2 or 4 wks. The focus of this elective is to help students discern whether to pursue combined residency training in Internal Medicine and Pediatrics. This course will expose students to possible career paths available for Med-Peds providers within primary and specialty care settings.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 8.

IDPT 8011 - Clinical Nutrition (4-8 Credits)

2 wks. Max:1. Develop your nutrition assessment skills with this elective, tailored to your needs with adult and/or pediatric inpatients and/or outpatients with a variety of conditions and diseases. Active learning with exceptional mentors is emphasized.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 8015 - Global Health Intl Project (8 Credits)

This course is the continuation of IDPT 6667 & 6668. Students will undertake a global health project at an international site under the supervision of their designated mentor and local supervisors.

Grading Basis: Medical School HP

Repeatable. Max Credits: 24.

Typically Offered: Fall, Spring, Summer.

IDPT 8016 - Physician as Educator (2 Credits)

This elective is intended to develop your skills as an effective teacher in clinical and classroom settings. This will include participation in evening teaching workshops and co-precepting.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 2.

Typically Offered: Fall, Spring.

IDPT 8018 - Global Health & Disaster (4 Credits)

This international health course is a two week training offered once a year as part of the University of Colorado School of Medicine Global Health Track. This course prepares its participants for international experiences and future global health work.

Grading Basis: Pass Fail with IP

Typically Offered: Fall.

IDPT 8020 - Physician as Advisor (2 Credits)

1 wk: Physician as Advisor teaches fourth year students to advise peer students in an Advisory College Program. It will prepare students for careers in academic medicine by developing skills in advising, leadership, and administration as well as self-assessment. Longitudinal course that can conflict with other courses. This is a 2 semester course and each semester counts for 2.0 credit hours. Prerequisites: Fourth year standing and selection as a "Student Advisor" in the Advisory College Program.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring.

IDPT 8021 - Costa Rica Spanish Immersion (4-8 Credits)

This capstone Spanish immersion course in Costa Rica includes home stays, intensive language instruction and public health and community outreach activities in under-served communities. Student should be passionate about providing care to disadvantaged patients in the USA or abroad and committed to improving their Spanish language skill.

Requisite: Contact course coordinator for information. Department Consent required.

Grading Basis: Medical School HP

Repeatable. Max Credits: 8.

Typically Offered: Fall, Spring, Summer.

IDPT 8023 - Refugee Health II (4-8 Credits)

Refugee health II will provide students with exposure to the social factors which impact upon the health of refugees in the Denver metro region. Students will work with agencies providing services to refugees and participate in home visits and outreach activities within community settings.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring, Summer.

IDPT 8024 - Leadership Reading Elective (8 Credits)

This online reading elective is divided into 4 one-week modules and is designed to strengthen a student's understanding of leadership and how it impacts patient care, professionalism, and medical organizations.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 8027 - Race in Medicine (4 Credits)

This course explores the role of racism and homogenous beliefs/values in medicine and how cultural incompetence perpetuates health disparities. Students learn about race as a social construct, theories related to class, and the impact of unconscious bias on health outcomes. The class urges students to confront discomfort in healthy ways.

Grading Basis: Pass Fail with IP

Typically Offered: Spring.

IDPT 8028 - The Business of Medicine (4-8 Credits)

This interactive course enhances students' Healthcare System Literacy, i.e. understanding how healthcare is structured, financed, and regulated. With micro- to macro-level modules, the course helps prepare students for personal practice challenges as well as for improving healthcare more broadly.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 8.

Typically Offered: Spring.

IDPT 8030 - Laboratory Medicine (8 Credits)

Lecture-based elective provides a comprehensive overview of Clinical Pathology and laboratory testing. It reviews biochemical, physiologic, and pathologic phenomena on which laboratory tests are based and emphasizes approaches to the ordering, interpretation, and pitfalls of laboratory tests.

Grading Basis: Medical School HP

Typically Offered: Fall.

IDPT 8032 - Longitudinal Ultrasound Elective (4-8 Credits)

The longitudinal ultrasound elective is an elective designed to give students hands-on practice with ultrasound with a preceptor over the course of their fourth year. The students will work with the preceptor to complete 150 clinical ultrasounds and complete course learning objectives. Students will be assigned a preceptor based on their clinical area of interest.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 8033 - MSTP Trailhead Course (4-8 Credits)

This course is specifically designed to prepare MD / PhD students, who are returning to clinical clerkships, for a successful transition into direct clinical care learning experiences. Students can choose to spend one month on an academic inpatient Internal Medicine, or General Surgery, service. (Students let the course director know whether they want to do Medicine or Surgery; these cannot be combined into one month.) Students will develop the knowledge, skills, and attitudes to work with an interdisciplinary team to workup, diagnose, and treat acutely ill adults in the inpatient setting.

Grading Basis: Pass Fail with IP

Typically Offered: Summer.

IDPT 8035 - International Experiences (4-16 Credits)

This course allows fourth year students to complete an international experience at an approved and vetted international site. The experience may include clinical work, language immersion, or a combination of both.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 16.

Typically Offered: Fall, Spring, Summer.

IDPT 8037 - Advanced Neurosciences (4-8 Credits)

This course will integrate neuroscience and clinical science as applied to diseases and disorders of the nervous system. The curriculum will integrate neuroanatomy, neurophysiology, and neuropharmacology with clinical neurology, neurosurgery, neuroradiology, and neuropathology.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 8038 - Cardiology Connections (4-8 Credits)

This course is designed for post-clinical year medical students who wish to enhance their ability to utilize basic scientific principles and knowledge in the practice of cardiovascular medicine.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 8039 - Advanced Immunology and Immunotherapy (4-8 Credits)

This course will investigate the cellular and molecular processes necessary to achieve an advanced understanding of how the immune system maintains balance and operates in health and disease. Recent immunotherapeutic advances that have revolutionized treatment options will also be examined. Intensive analysis of selected topics, primary literature and relevant clinical cases focused within the field of immunology will result in the development of content integration skills, critical thinking, and analysis skills that can be applied to the practice of medicine as well as global scientific and societal issues.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 8041 - IHQSE Quality Improvement Practicum (4-8 Credits)

This is a one semester longitudinal course offered Fall and Spring semesters. This course fosters inter-professional communications and enables students to obtain knowledge and skills for Quality Improvement (QI). Students will be integrated into ongoing quality improvement projects and work with Attending and/or Resident.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 8.

Typically Offered: Fall, Spring.

IDPT 8044 - Health Systems and Community Leadership Trail (4-6 Credits)

Students will be equipped with skills needed in leadership roles in healthcare organizations – group practices, academic departments, community non-profits, hospital executive teams. Learning strategies will be mentorship and simulation exercises supplemented with directed reading and classroom discussion. Emphasis is on balancing professional values with financial reality.

Grading Basis: Pass Fail with IP

Typically Offered: Fall.

IDPT 8046 - IHI Open School Basic Certification (2 Credits)

Students complete the Institute for Healthcare Improvement (IHI) Open School Basic Certificate in Quality and Safety, comprising 13 courses (17.75 total hours), which provides a well-rounded introduction to quality, safety, population health, equity, health care leadership, and person- and family-centered care.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 8047 - LIC Ambassadors (2-8 Credits)

Students will apply to become LIC Ambassadors following their LIC Foothills year, enabling them to participate in leadership, education, and project work, while serving future students as a peer-mentor and advisor, supporting LIC program directors, participating in scholarly work, helping with faculty development, and developing skills in medical education and teaching. Pre-requisite: Student must have completed the LIC in which they are serving as an Ambassador, unless approved exception by the LIC Director and Assistant Dean of Medical Education, Clinical Clerkships.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 16.

Typically Offered: Fall, Spring, Summer.

IDPT 8048 - Future Leaders in Medical Education (4-6 Credits)

Welcome to Future Leaders in Medical Education s. This course is designed to prepare medical students to be the future leaders, teachers, and researchers in medical education. By developing medical education skills that can be implemented on day one of intern year, students will leave the course prepared for their roles as medical educators in residency and with tools for their future careers. We will introduce students to topics such as adult learning theory, curriculum design, evaluation and assessment, teaching, feedback, education administration, medical education research and scholarship, careers in medical education, and designing inclusive learning environments.
Grading Basis: Pass Fail with IP
Typically Offered: Fall.

IDPT 8053 - Medical Improvisation (4 Credits)

The Medical Improvisation elective uses interactive improvisation theater techniques to increase learner ability and confidence in patient-centered communication. Prior research has established Medical Improvisation's suitability for both advanced and beginning clinicians and multiple medical schools have incorporated this curriculum.
Grading Basis: Pass Fail with IP
Typically Offered: Spring.

IDPT 8060 - Alpine Basecamp - Transition to Adv Clerkship (4 Credits)

The Alpine Basecamp will further develops students' knowledge, skills, and attitudes necessary to begin their advanced clinical rotations with confidence and success. Through skills practice and case-based sessions, students will advance clinical reasoning, psychomotor, communication, and efficiency skills.
Grading Basis: Pass Fail with IP
Typically Offered: Spring.

IDPT 8061 - Summit Basecamp - Transition to Residency (8 Credits)

The Summit Basecamp- Transition to Residency (TTR) is a curriculum designed to prepare graduating medical students to be safe, efficient, and confident day-1 interns.
Grading Basis: Pass Fail with IP
Typically Offered: Spring.

IDPT 8062 - Research Trail II (4-6 Credits)

The Research Trail provides research education and training tailored to the collective and individual needs of medical students with research/academiccareer interests.
Grading Basis: Pass Fail with IP

IDPT 8063 - Bioethics & Humanities Trail (4-6 Credits)

This course provides a broad introduction to bioethics and humanities. Through a combination of didactics and experiential, self-directed learning, learners will explore academic options and career pathways in bioethics and humanities. Learners can customize portions of the course to meet their needs and interests.
Grading Basis: Pass Fail with IP
Typically Offered: Fall, Spring.

IDPT 8066 - MSTP Advanced Neurosciences (4 Credits)

This course will integrate neuroscience and clinical science as applied to diseases and disorders of the nervous system. The curriculum will integrate neuroanatomy, neurophysiology, and neuropharmacology with clinical neurology, neurosurgery, neuroradiology, and neuropathology. Prerequisites: Course is only open to MSTP post-clerkship students who have successfully completed the pre-clerkship phase and most of the clerkship phase.
Grading Basis: Pass Fail with IP
Typically Offered: Fall.

IDPT 8067 - MSTP Advanced Immunology (4 Credits)

This course will investigate the cellular and molecular processes necessary to achieve an advanced understanding of how the immune system maintains balance and operates in health and disease. Recent immunotherapeutic advances that have revolutionized treatment options will also be examined. Intensive analysis of selected topics, primary literature and relevant clinical cases focused within the field of immunology will result in the development of content integration skills, critical thinking, and analysis skills that can be applied to the practice of medicine as well as global scientific and societal issues. Prerequisites: Course is only open to MSTP post-clerkship students who have successfully completed the pre-clerkship phase and most of the clerkship phase.
Grading Basis: Pass Fail with IP
Typically Offered: Fall.

IDPT 8068 - MSTP Cardiology Connections (4 Credits)

This course is designed for post-clinical year medical students who wish to enhance their ability to utilize basic scientific principles and knowledge in the practice of cardiovascular medicine. Prerequisites: Course is only open to MSTP post-clerkship students who have successfully completed the pre-clerkship phase and most of the clerkship phase.
Grading Basis: Pass Fail with IP
Typically Offered: Fall.

IDPT 8069 - Leading Patient Group Visits (3 Credits)

This longitudinal course aims to master anticipatory guidance for both prenatal and pediatric care. The model for the course is based on Centering Pregnancy and Centering Parenting which focuses on building strong relationships between providers and groups of patients. Prereq: Has completed clinical LIC year. Spanish speaking strongly preferred.
Grading Basis: Pass Fail with IP
Repeatable. Max Credits: 9.
Typically Offered: Fall, Spring, Summer.

IDPT 8071 - One Health Trail Fort Collins Branch (4-6 Credits)

Welcome to the One Health Trail. We will investigate the myriad of ways that human, animal, plant, and environmental health are connected. We will travel and work within the local community to understand how human, animal, and environmental health intersects in the modern food supply chain, local arthropod control, wildlife and livestock management. We will evaluate frameworks, theories and methodologies employed by One Health practitioners. The course is designed to apply our critical analysis skills to current community health challenges and discuss One Health methods for solving those problems.
Grading Basis: Pass Fail with IP
Typically Offered: Spring.

IDPT 8072 - Medical Spanish Immersion Fort Collins Branch (2-4 Credits)

This course combines Spanish language learning with a health context. Students will develop their Spanish proficiency with a focus on health-related vocabulary and cultural context. By contributing to real-world community needs abroad, students will gain practical experience, broaden their understanding of global health systems, and analyze community health needs. Students will interact with health officials, administrators and patients, tour medical facilities, and interview community members.
Grading Basis: Pass Fail with IP
Typically Offered: Summer.

IDPT 8073 - Nutrition & Culinary Medicine Selective (8 Credits)

The selective trains students to understand and communicate the impact of good nutrition on patient health and to work well with registered dietitians in interdisciplinary teams. In-person modules include case-based learning and meal preparation. Self-study online modules are paired with clinical shadowing of RDs and nutrition MDs.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 8074 - Advanced Concepts in Public Health Selective (8 Credits)

The course will introduce students to the public health approach to improving health in both a present-day and historical perspective. We will compare/contrast these methods to those used in traditional medicine. We will then review public health, and community-based intervention strategies and policies addressing some of the most pressing public health crises. We will critically analyze changes in healthcare that could dramatically change population health, such as a universal health insurance system in the US. By evaluating international systems, we will debate the improvements and persistent health disparities that would exist if a universal health insurance model was adopted. Students will develop an understanding of the US public health system in order to better prepare themselves to collaborate effectively in the future to improve population health.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring.

IDPT 8075 - Climate Change and Environmental Health Selective (8 Credits)

Students will develop a strong foundation in planetary health while building a network of multi-disciplinary leaders in the field. Following a roadmap of lectures, self-directed learning activities, case studies, and field trips, students will confidently integrate environmental determinants of health into their professional practice.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 8076 - Alpine Non-Surgical Musculoskeletal and Spine Medicine Selective (8 Credits)

The Alpine Non-Surgical Musculoskeletal (MSK) and Spine Care selective is a 4-week block that will focus on outpatient MSK diagnosis and management. Differential diagnoses will be emphasized within a MSK framework including symptom patterns, physical exam, imaging, and diagnostic injection interpretation. Students will be expected to learn management principles for acute and chronic conditions, including MSK health maintenance, secondary prevention, rehabilitation, medications, injections, and indications for surgery. Weekly didactics and scheduled self-study time will be used to facilitate medical knowledge development and application. The course will be pass/fail with grades based on attendance, participation, professionalism, and completion of assignments. Assignments will include a pre-test, post-test, online lectures, online learning modules, and readings. Core clinical conditions include osteoarthritis, joint injury, spine disorders, compression neuropathies, soft-tissue disorders (such as ligament sprains/tears, tendinopathies (including rotator cuff), bursitis, myofascial pain), chronic pain, and osteoporosis. MSK and spine conditions are among the most common explanations for visits to physicians' offices. Annually 15-30% of the population seeks care for MSK conditions. The presentation of such ailments is expected to increase with an aging population. Correspondingly, MSK knowledge and competency are integral for successful practices in internal medicine, family practice, emergency medicine, geriatrics, pediatrics, and others. Proficiency with the course outlined core competencies will enhance the professional growth of all students regardless of expected specialization.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 8077 - Advanced Dissection Fort Collins Branch (1 Credit)

Students will develop their knowledge of clinically-relevant gross anatomy of a specific region of the body. They will also hone their technical skill in dissection, and practice producing and presenting a short presentation of their work to faculty.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 2.

Typically Offered: Fall, Spring.

IDPT 8078 - Translational Medicine Selective Fort Collins Branch (8 Credits)

Students will use a clinical immersion to identify and learn how to effectively address an impactful knowledge gap in medicine. Training will include entrepreneurship, team building, regulatory issues, project/trial design, intellectual property, biotechnical/bioengineering resources, and effective communication of ideas and projects.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 8079 - The Frontier of AI & Medicine Selective (8 Credits)

This course seeks to provide understanding of the current state of the art in ML/AI across multiple clinically relevant areas including imaging, health records, and genomics; to provide future practitioners with the knowledge to examine and critically think about performance assessments of AI systems; and to provide future practitioners with the understanding necessary to consider the ethical implications of AI deployments into clinical practice.

Grading Basis: Pass Fail with IP

Typically Offered: Fall.

IDPT 8090 - Mentored Scholarship IV (1-8 Credits)

A four year requirement for students to complete a mentored scholarly project and a capstone presentation. Project can be in one of the following thematic areas: basic research, clinical research, global health, epidemiology and public health, humanities and social sciences.

Grading Basis: Medical School HP

Repeatable. Max Credits: 8.

Typically Offered: Fall, Spring.

IDPT 8091 - MSA Phase IV Preparation (4-8 Credits)

Students work intensively with mentors on their chosen MSA Project.

Students critically review background literature, define a question/hypothesis, develop and implement methods and study design, collect data, analyze and interpret data, and submit written progress reports for their MSA Project. Prereq: MSA form required. Prior approval of Associate Dean for Student Affairs, Mentor, and Course Director required.

Grading Basis: Medical School HP

Repeatable. Max Credits: 8.

Typically Offered: Fall, Spring, Summer.

IDPT 8093 - IDPT Scholarly Activity (8 Credits)

This course is designed to allow students to complete scholarly work not appropriately covered by other available courses (e.g. MSA work beyond IDPT 8091). 4 weeks. Cannot be taken after section 47. Prereq: Special permission and individual arrangements required in advance. Student must have a faculty/project mentor who will sign off on the project.

Student must receive prior approval from Assoc. Dean for Student Affairs.

Grading Basis: Medical School HP

Repeatable. Max Credits: 24.

Typically Offered: Fall, Spring, Summer.

IDPT 8095 - Research Track Phase IV (1-8 Credits)

Students complete requirements for Research Track which includes submission to a national scientific journal of a first author manuscript which meets mentor-standards as appropriate for submission. Students will present their work at the Capstone event. Prerequisite: Required if enrolled in Research Track. Instructor consent required.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 8.

Typically Offered: Fall, Spring.

IDPT 8096 - Alpine Critical Care Course (4 Credits)

As a part of the critical care graduation requirement, all students rotate for 2 weeks in an intensive care unit (ICU) at a core SOM site and participate in didactics/skill sessions addressing essential critical care topics. Students have an opportunity to select an adult medical, adult surgical, or pediatric ICU experience.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 8097 - Narrative Medicine: Foundation (2 Credits)

This is an asynchronous longitudinal reading and writing course with 6 gatherings for dinner and discussion. Students must additionally enroll in the clinical month-long rotation the same semester. The goal of this course is to develop "narrative humility" through close reading and practicing the skills of attention, representation, and affiliation. The reading portion of this course consists of didactic material specific to narrative medicine, fictional short stories, patient stories, and 3 longer texts. These readings and reflections will be evaluated through both assigned writings and discussions. Prerequisites: Must co-enroll in the 4 week clinical narrative medicine rotation the same semester

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Summer.

IDPT 8098 - Healer's Art (2 Credits)

The Healer's Art course utilizes principles of adult education, contemplative studies, humanistic and transpersonal psychology, cognitive psychology, formation education, creative arts and storytelling to present and explore human dimensions of medicine rarely discussed in medical training. Topics covered include deep listening, presence, acceptance, loss, grief, healing, relationship, encounters with awe and mystery and self-care practices. The curriculum enables students to uncover and strengthen the altruistic values, sense of calling and intention to serve that have led them to medicine, creating a firm foundation for meeting the challenging demands of contemporary medical training and practice. This spring the course will be held online in five synchronous sessions. In this format we welcome medical students from CUSOM and CSU, and DVM students the CSU and UAF campuses. Medical students will complete additional reading, clinical observations, and a reflective assignment about topics learned in the course and how they impact the clinical setting.

Grading Basis: Pass Fail with IP

Typically Offered: Spring.

IDPT 8099 - Narrative Medicine in Primary Care (8 Credits)

The goal of this course is designed to translate the narrative skills taught in the foundation course into clinical practice, specifically within the context of primary care. Students will practice the skills of paying attention to their patients' affect, representation of their lifeworld, and illness meaning through the use of a narrative framework and then formulate plans that faithfully represent their patients' goals and values. Then hopefully with care and practice the student will experience affiliation with their patients and their sufferings, bridging the divide between the worlds of illness and health. Prerequisite: Must be co-enrolled or have previously taken the Narrative Medicine Foundation longitudinal course.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring, Summer.

IDPT 8101 - Global Health in Local Contexts (8 Credits)

This four-week advanced elective is designed for fourth-year medical students seeking an in-depth exploration of health equity and social justice at the local level with a focus on immigrant, refugee, and newcomer health.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring.

IDPT 8102 - Longitudinal Communication Coaching (4 Credits)

Longitudinal course spanning 2 semesters. Training in communications skills coaching and then longitudinal work with a DOCS coach and group over 3 sessions. Then substitute coach communication skill sessions within the DOCS curriculum. Prerequisites: Must submit a one paragraph essay which includes performance in the DOCS curriculum and passion for teaching to determine eligibility.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 8103 - Environmental Health for Future Clinicians (4 Credits)

This course aims to bridge the gaps between public health and medicine by providing students with information about environmental health risks. The course is designed to help medical students learn more about how contaminants in the environment can impact patient health.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 8104 - COAHEC National Underserved Scholars (1-2 Credits)

COAHEC National Underserved Scholars prepares students for practice in underserved areas throughout the US using didactic and experiential learning. The class aims to be a model for healthcare education with goals focusing on health equity, interprofessional collaboration, and producing physicians committed to addressing health inequities particularly within vulnerable populations. Throughout the course, students will learn from national experts who work with vulnerable populations to gain an understanding how the social determinants of health impact vulnerable communities from receiving medical care. These seminars will also provide an opportunity for students to get a variety of real-world approaches of how physicians approach the challenges of the social determinants of health, and how students can incorporate these lessons into a toolbox of sorts to have at the ready for their own practice. Additionally, eventually, students will have the opportunity to get involved in the Aurora community in a service capacity. While this serves to give back to the Aurora community, it also provides students the opportunity to get first-hand exposure to the social determinants of health and show how physicians can be involved in their communities outside of the clinic setting. In the first runs of the course, the students will act as mentors to URM high school students who may be interested in the medical field. This will continue until the elective expands and matures to become an important Friday food resource team for areas of Aurora as a Friday Food Fleet. Prereq: Open to students approved/accepted into AHEC Scholars program through application within AHEC.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring.

IDPT 8106 - Impacts of Climate Change through a One Health Lens (4 Credits)

Welcome to Climate Change & Health! This two-week, pass-fail, hybrid elective is open to medical students at CUSOM at the CSU branch. The primary aim of the course is to deliver key knowledge and skills in planetary health which physicians may be able to draw upon for the mindful practice of medicine in the midst of a climate crisis. We will identify the health impacts of climate change and discuss effective responses on the part of specific health services. Learners may have opportunities – together and in multidisciplinary settings - to apply knowledge to levels of prevention, climate mitigation, and adaptation, and to explain health co-benefits of climate action.

Grading Basis: Pass Fail with IP

Typically Offered: Spring.

IDPT 8107 - Comparative Oncology (4 Credits)

Comparative oncology is the study of naturally occurring cancers in companion (pet) animals with an emphasis on determining their translational relevance to human cancers. Cancer is a common disease in pet dogs and cats, and the pet-owning public is highly motivated to seek traditional and experimental therapies. Cancer in companion animals shares many similarities to cancer in humans including histologic appearance, tumor genetics, molecular targets, biologic behavior, and response to conventional therapies. The Flint Animal Cancer Center (FACC) at the Colorado State University Veterinary Teaching Hospital (CSU-VTH) is a world-renowned leader in companion animal cancer research, residency and fellowship training, and clinical cancer care. The FACC offers a multidisciplinary approach to clinical cancer care, including medical oncology, surgical oncology, radiation oncology and clinical trials teams, in customized treatment planning for each companion animal patient. Additionally, our team is supported by the Argus Institute, a team of licensed social workers who assist with guiding the clinical team in the delivery of difficult conversations (poor prognosis, end of life, etc) and encourage provider well-being and mental health support. The Argus team also supports animal caregivers including grief counseling, quality of life assessment, and end of life decision making.

Grading Basis: Pass Fail with IP

Typically Offered: Summer.

IDPT 8108 - Language Access and Training to Work with Interpreters (4 Credits)

Welcome to Language Access and Training to Work with Interpreters. This course is designed to develop your abilities in facilitating language access and collaborating with interpreters in clinical settings. We will cover essential communication techniques, the ethical principles of language access, and the interpreter code of ethics followed by training to work with interpreters and simulated encounters. Through collaborative activities and reflective discussions, we will draw upon our shared knowledge and experiences to deepen our learning.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

IDPT 8110 - Preventive Medicine – Epidemiology & Public Health (4 Credits)

Welcome to Preventive Medicine. This course is designed to apply our clinical knowledge and critical analysis skills to public health and epidemiology. We will review and evaluate various concepts and methodologies that may be used in public health and epidemiology, specifically as they relate to One Health and population-level health. Learners may apply the principles of epidemiology to complete a research or service project that relates directly to vector-borne diseases.

Grading Basis: Pass Fail with IP

IDPT 8111 - Substance Use Disorders (4 Credits)

Welcome to the Fort Collins Branch Substance Use Disorders Elective. This elective is designed to build advanced clinical skills in the prevention, diagnosis, and treatment of substance use disorders (SUD). Regardless of what fields you ultimately enter following graduation, you will provide care to patients with SUD. We aim to cultivate an attitude of shared humanity and harm reduction in caring for patients with SUD. Additionally, we will use the lens of SUD to develop and practice advocacy skills that can be applied to other health policy and fields of practice.

Grading Basis: Pass Fail with IP

Typically Offered: Spring.

IDPT 8112 - Cancer Biology (8 Credits)

The Cancer Biology Course offers a 4-week integrated experience teaching key oncology concepts important for the care of cancer patients. Classroom learning will involve interactive sessions with case-based learning and application to clinical cases. We will focus on specific topics including how cancers develop, mechanisms of growth and resistance, as well as categories of oncology treatments such as hormonal therapies, targeted treatments, and immunologic approaches. The clinical component will allow students to build their skills seeing new oncology patients in multidisciplinary, tumor board settings, emphasizing radiology and pathology input in addition to specialists from medical, surgical, and radiation oncology. Learners will also have the opportunity for a broader, generalist oncology clinical experience at the VA or Denver Health, seeing patients of various tumor types.

Grading Basis: Pass Fail with IP

IDPT 8113 - Art in Medicine (8 Credits)

Art and Medicine is a class for third- and fourth-year students with the skills to utilize arts, humanities, and creativity to better understand issues of health equity, further their own personal growth and empathy, and improve perspective taking from their patients.

Grading Basis: Pass Fail with IP

IDPT 8114 - Experiences in Health and Nutrition-related Community Outreach (1 Credit)

Students will work with the Extension Office on outreach projects that address unique health-related needs of the local community. Experiences will include participation in planning and delivery of education around nutrition-related topics including food access, food safety, food preparation, gardening and farming, and healthy lifestyles. Students will interact with the public at the Larimer County Farmer's Market and have the opportunity to spend a day working on a farm. Other educational events that support topics such as healthy aging, living with chronic disease, youth activities, and climate-related topics will also be offered as opportunities during the elect

Grading Basis: Pass Fail with IP

IDPT 8601 - Research Track, Research I (8 Credits)

The first of two courses for Phase IV Research track medical students. Students are expected to spend full time working on their research project and towards the Track required goals of submitting an abstract and a first-author publication. Limited to and required for Phase IV (MS4) medical students who are in good standing in the Research Track. Course Director approval required. 4 weeks.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring, Summer.

IDPT 8602 - Research Track, Research II (8 Credits)

The second of two courses for Phase IV Research Track medical students. Students are expected to spend full time working on their research project and towards the Track required goals of submitting an abstract and a first-author publication. Restrictions: Limited to and required for Phase IV (MS4) medical students who are in good standing in the Research Track. May be repeated once as an elective. Prereq: IDPT 8601. Course Director approval required. 4 weeks.

Grading Basis: Medical School HP

Repeatable. Max Credits: 8.

Typically Offered: Fall, Spring, Summer.

IDPT 8610 - Scholar's Year Research (2 Credits)

This 3-semester longitudinal course is an adjunct to the scholar's year for the work in progress during scholar's year, and requires twice a semester check ins with the Office of Student Life and reflection on career trajectory. Courses to be taken between 3rd year clinical courses and 4th year electives. Requisite: Must have successfully completed all 3rd year courses to enroll

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 6.

Typically Offered: Fall, Spring, Summer.

IDPT 8890 - Clinical Experience for CTSI PhD Students (1 Credit)

Each student will identify a clinician mentor who will develop/direct clinical experience tailored to student's thesis research. It may include participation in relevant clinical conferences, a direct clinical experience, clinical research, and preparation of a clinical research protocol. Prereq: IDPT 7805 & 7646, EPID 6630, BIOS 6601 or equivalent. Restrictions: PhD Graduate Students.

Grading Basis: Letter Grade

A-GRAD Restricted to graduate students only.

Typically Offered: Fall, Spring, Summer.