

# INTERDEPARTMENTAL SCHOOL OF MEDICINE (IDPT)

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## IDPT 5000 - Foundations Doctoring I (2 Credits)

The course is designed to expose students to basic clinical skills necessary for physicians. Each week, students spend one afternoon either learning communication/physical exam skills/professionalism on campus or practicing their clinical skills with a preceptor off campus.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring.

## IDPT 5001 - Human Body (7 Credits)

Human Body covers the anatomy and embryology of the back, extremities, trunk, head and neck. Students will dissect human cadavers and study computer generated cross-sections and radiological images. Clinical case discussions will be integrated with physical exam material.

Grading Basis: Medical School HP

Typically Offered: Fall.

## IDPT 5002 - Molecules to Medicine (8 Credits)

Molecules to medicine is an integrated approach to cell biology, biochemistry, molecular biology and human genetics presented in a context that emphasizes clinical issues.

Grading Basis: Medical School HP

Typically Offered: Fall.

## IDPT 5003 - Blood and Lymph (4 Credits)

Blood and Lymph covers the basic and clinical concepts underlying immunology, hematology, rheumatology, and malignancies of the blood. Histology, genetics, biochemistry, and ethical issues are integrated into the course concepts. Contact hours are divided equally between lecture and discussion groups.

Grading Basis: Medical School HP

Typically Offered: Spring.

## IDPT 5004 - Disease and Defense (5 Credits)

Course covers principles of biometrics, pharmacology, pathology and infectious disease. Topics include mechanisms of tissue damage and repair. Dermatology is presented as an "Organ System", including structural and function, pathology, pathophysiology and pharmacology.

Grading Basis: Letter Grade with IP

Typically Offered: Spring.

## IDPT 5005 - Cardiovascular/Pul/Renal (9.5 Credits)

Course is an interdisciplinary approach to the cardiovascular, pulmonary, and renal systems, including anatomy, histology, physiology, pathophysiology, pathology, pharmacology, and development. Emphasis is on how the major organs work together to regulate blood pressure and fluid, electrolyte, and acid-base balance.

Grading Basis: Letter Grade

Typically Offered: Spring.

## IDPT 5006 - Leading with Emotional Intelligence for Physicians (1-2 Credits)

This course will engage current medical students in active learning of the knowledge, skills, attitudes and behaviors necessary for embracing conflict and ensuring success and happiness as a 21st Century physician leader. Students will learn how to improve their emotional intelligence and conflict management skills.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring.

## 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 5011 - Biomedical Innovation and Entrepreneurship (2 Credits)

This course will introduce medical students to the principles & practice of healthcare innovation & entrepreneurship.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring.

## IDPT 5012 - Introduction to Global Health Research (1-2 Credits)

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 - Medical Spanish (FCB) (1-2 Credits)

.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 focuses on the basic science and clinical concepts underlying the origin, development, normal function, and related hematologic and immunologic disease states. 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 (1.5-2.5 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 coaching, direct patient care, and community-based service-learning, will support students' professional growth and development.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 6.

Typically Offered: Fall, Spring, Summer.

IDPT 5021 - Renal & Urinary Systems (7 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)

This course introduces the interplay between the biological, developmental, environmental, and psychological processes underlying human behavior, cognition, and emotions. 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 (9 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: Introduction to Global Health (1-2 Credits)

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: QI 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 Elective (FCB) (1-2 Credits)

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 (2 Credits)

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 5030 - Anatomy Autopsy Dissection (3 Credits)**

Gain hands-on gross anatomy experience through cadaver dissection using a modified En Masse Autopsy Protocol. After organ bloc removal, students will complete additional dissections to expose key structures and relationships in the gastrointestinal, cardiovascular, pulmonary, urinary, reproductive and musculoskeletal systems. Pre-requisite: Students must have completed the Plains year and successfully passed each of the following 1st year courses with a significant gross anatomy component (GI, PCV, Neuro, MS-I) and successfully passed the anatomy lab practical exams in Compass 2, 3, and 4.

Grading Basis: Pass Fail with IP

Typically Offered: Summer.

**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 identify 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 5032 - Service-Learning Community Engagement Experience (1 Credit)**

Summer elective to continue community engagement experience without mandatory hours credit. Focus is to maintain continuity if desired. Pre-requisite: Successfully completed Plains.

Grading Basis: Pass Fail with IP

Typically Offered: 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 Lesson Leaders and Veterinary Shadowing (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 5037 - History of Race in Medicine (2 Credits)**

This course analyzes the history of medical racism from the colonial period to the present. Using secondary sources from medical historians and 1910 Flexner Report, the course will explore how slavery and systemic racism influenced medical education for minoritized populations, specifically Black Americans. Students will use critical race theory as a theoretical framework critically analyze the construction of medical education for Black students within the historical context of the time period.

Grading Basis: Pass Fail with IP

Typically Offered: Spring.

**IDPT 5040 - Trauma & Violence Informed Care: Addressing Interpersonal Violence in Medicine (1-2 Credits)**

We will teach students how to provide trauma informed services. We will address several types of violence as well as acknowledge cultural competency, implicit bias and how power and privilege affect our view. We will offer students real-life case studies and introduce speakers and topics that intersect with best practices in medicine.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

**IDPT 5041 - Space and Austere Medicine (1-2 Credits)**

A didactic and hands on skills course on the history of human health in flight and anticipated challenges with upcoming exploration missions. We emphasize human physiology in space, associated engineering constraints, and practice with skills and technologies used in extreme and austere medical care.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

**IDPT 5042 - Planetary Health: Look Up and Lead (1-2 Credits)**

To develop a strong foundation in planetary health. Identify the health impacts of climate change and effective responses on the part of specific health services. Apply knowledge of levels of prevention, climate mitigation and adaptation, and explain health co-benefits of actions. Access and interpret relevant local, regional, national, and global information about climate change effects on health. Demonstrate effective communication with stakeholders about planetary health topics. Describe ways that physicians and healthcare facilities can prepare for and respond to climate-related health risks. Apply knowledge of planetary health to basic clinical care of patients (eg. demonstrate how to take an environmental health history)

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

**IDPT 5043 - Digital MD: Social Media and Digital Scholarship (1-2 Credits)**

Explore online educational resources, personal branding, and digital professionalism. Participants will gain familiarity with social media networks and develop their own online brand. Capstone includes an online digital scholarship project (e.g. podcast, video, infographic) #MedEd #FOAMed

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

**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 (2 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 (1-2 Credits)**

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 (1 Credit)**

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 (1-2 Credits)**

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 6000 - Foundations Doctoring II (2 Credits)**

This course is the second year of the longitudinal Foundations of Doctoring curriculum. Each week, students spend one afternoon either learning communication/physical exam skills/professionalism on campus or practicing their clinical skills with a preceptor off campus.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring.

**IDPT 6001 - Nervous System (7.5 Credits)**

Course covers the gross and microscopic anatomy of the nervous system, basic neurobiology and neurophysiology, pharmacology, neuropathology, and basic neurologic and psychiatric examination skills. Emphasis is on the relationship between basic processes and functional systems to clinical phenomena and behavior.

Grading Basis: Medical School HP

Typically Offered: Fall.

**IDPT 6002 - Digest/Endo/Metaboli Sys (9.5 Credits)**

This interdisciplinary course integrates clinical and basic science topics related to the normal function and diseases of the gastrointestinal and endocrine systems. The biochemistry and physiology of nutrient metabolism in health and disease will also be covered.

Grading Basis: Medical School HP

Typically Offered: Fall.

**IDPT 6003 - Life Cycle (5 Credits)**

Course provides an interdisciplinary approach to the normal biology and pathobiology of the male and female reproductive systems, reproduction and pregnancy, the fetus, newborn and child, aging, and end of life. Clinical cases and physical examination will be integrated throughout.

Grading Basis: Medical School HP

Typically Offered: Spring.

**IDPT 6004 - Infectious Disease (4.5 Credits)**

This course integrates microbiology, infectious diseases, and antimicrobial pharmacology. Content covers pathogenic microorganisms (bacteria, viruses, fungi and parasites), host-pathogen interactions, microbial virulence determinants, host immune responses, signs and symptoms of disease presentation, epidemiology, laboratory diagnosis, prevention (vaccines) and therapy (antimicrobials).

Grading Basis: Medical School HP

Typically Offered: Spring.

**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 6010 - Spark Patient Change with Motivational Interviewing (1 Credit)**

Students will learn and practice practical techniques to motivate patients to change their behaviors (e.g. smoking cessation, healthy eating, physical activity). This elective will help students prepare for patient interviews during preceptor, clinical rotations, and their future career.

Course available to Phase I and II students

Grading Basis: Pass Fail with IP

Typically Offered: Fall.

**IDPT 6020 - Community Engagement Innovation (1 Credit)**

Transform the community into a classroom by partnering with community organizations to learn advocacy, population health, leadership, cultural competence and resilience. Students will work with the community—instead of for or in the community—with experiential learning supplemented by guided reflection, coaching, and peer-led workshops.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 5.

Typically Offered: Fall, Spring, Summer.

**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 6094 - Master Degree Extended Study Course (1 Credit)**

A scholarly project approved by the Master's committee to act as a capstone for students obtaining the Master's in Medical Science degree. Pre-requisite: Completion of Phase 1 and Phase 2 of the SOM curriculum successfully.

Grading Basis: Pass Fail with IP

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 6613 - Culinary Medicine Elective (1 Credit)

Medical students will work along side culinary students in the kitchen for hands-on culinary and nutrition training. In addition to preparing recipes and discussing various aspects of the recipes, students will also complete modules, readings and discussions about a variety of nutrition topics and nutrition-related diseases. Grading Basis: Pass Fail with IP Typically Offered: Fall, Spring.

## IDPT 6614 - Introduction to Clinical Ultrasound (1 Credit)

Students will be introduced to ultrasound scanning techniques to perform four of the primary clinical ultrasound exams - gallbladder, heart, aorta, soft tissue/musculoskeletal. Online modules and hands-on practice will be used in this course. Course restricted to Phase II students only. Grading Basis: Pass Fail with IP Typically Offered: Spring.

## IDPT 6618 - Charting Your Career Path (1 Credit)

The course is based on vocational theory and includes opportunities to learn about yourself and your interests, values, personality, and skills to support career decision-making. Students will take the Myers-Briggs Type Indicator, complete self-assessment activities on the CIM website, and explore career options through shadowing. Phase I students only. Grading Basis: Pass Fail with IP Typically Offered: Spring.

## IDPT 6619 - LGBTQ Health and Healthcare (1 Credit)

The course provides health professional students the basic knowledge and skills to provide culturally responsive, clinically competent care to lesbian, gay, bisexual, and transgender (LGBT) patients. Grading Basis: Pass Fail with IP Typically Offered: Spring.

## IDPT 6621 - Fun History of Medicine (1 Credit)

During "History of Medicine for the 21st century: adding historical perspective to today's medical practice"; students will acquire and apply historical knowledge to provide answers to clinical cases from different historical periods; in an interactive, fun and engaging learning environment. Requisite: Can enroll in Fall and Spring or only one of the two semesters. Phase I & II students Grading Basis: Pass Fail with IP Typically Offered: Fall, Spring.

## IDPT 6623 - Refugee and Immigrant Health I (1 Credit)

Students will learn about the integration process that refugees go through and common medical and mental health diagnoses they receive. Discussions, panels, and lectures will prepare students to provide culturally effective medicine to any population. Grading Basis: Medical School HP Typically Offered: Fall, Spring.

## IDPT 6625 - Personalized Medicine in Health Care (2 Credits)

This interactive seminar series will introduce the concepts of "big data" applied to research, health care and education. Participants will gain a basic understanding of this rapidly emerging field through discussion and exploration of examples and critical issues with campus analytics leaders. Grading Basis: Pass Fail with IP Typically Offered: Spring.

## IDPT 6627 - Directed Study Basic Science (1-24 Credits)

This course provides an opportunity for medical students to further develop and refine their knowledge of the basic sciences. Prereq: Course director approval required. Grading Basis: Medical School HP Repeatable. Max Credits: 24. Typically Offered: Fall, Spring, Summer.

## IDPT 6629 - Sabes Spanish Immersion (1 Credit)

SABES is a student-led course that meets on campus, October through mid-March. Sessions focus on improving vocabulary and grammar and strengthening medical Spanish language skills. There are 4 classes, to accommodate all ability levels. Students have the opportunity to practice taking medical histories with native Spanish speakers. Grading Basis: Pass Fail with IP Typically Offered: Fall, Spring.

## IDPT 6630 - Spanish Interpretation (1 Credit)

This course is for Phase I & II students. This course will equip students who have prior Spanish proficiency with vocabulary, skills, and ethical practices of Spanish medical interpretation. Students partake in a 10-week course, and if they successfully pass the certification exam, will interpret in the student-run DAWN Clinic. Requisite: Must pass proficiency exam or have successfully completed the SABES course. Grading Basis: Pass Fail with IP Typically Offered: Fall, Spring.

## IDPT 6631 - Mindful Living: Practice of Purposeful and Non-Judgment (1 Credit)

This course is designed to explore the meaning of mindfulness in everyday life by developing self-awareness, emotional resilience, appreciation of life, and a sense of well-being. Students participate in activities such as meditation, reflective journaling, discussion, and applying mindfulness to music, nature walks, and relationships. Phase I & II students Grading Basis: Pass Fail with IP Typically Offered: Fall.

## IDPT 6636 - Summer Preceptor Exp (1 Credit)

The Summer Preceptorship is a clinical elective designed for students between their first and second year of medical school. It may take place in the hospital or in a clinic one afternoon or morning a week during the summer semester. Course requirement: Course director approval required to add course. Grading Basis: Medical School HP Typically Offered: Summer.

## IDPT 6637 - LEADS 1 (2 Credits)

Max: 20. The course will include monthly seminars and be divided into four thematic sections. Seminar speakers are primarily engaged in leadership/advocacy work in health care. The themes will be further explored by case-based, small group sessions. Elective required for LEADS scholars. Restrictions: Phase 1 students only. Grading Basis: Pass Fail with IP Typically Offered: Spring.

## IDPT 6647 - LEADS 2 (1 Credit)

Advocacy and Leadership skills applied in case-study. Prereq: IDPT 6637 LEADS 1-Spring Semester Elective. Elective Restrictions: Students who wish to enroll without having completed the spring course in Phase 1 may petition to course director if space allows. Phase 2 students only. 9 wks. Min:10 Max: 20.

Grading Basis: Pass Fail with IP

Typically Offered: Fall.

## 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 6660 - Leadership Competencies for Physicians (1 Credit)

This course will engage current medical students in active learning of the knowledge, skills, attitudes and behaviors necessary for embracing conflict and ensuring success and happiness as a 21st Century physician leader. Students will learn how to improve their emotional intelligence and conflict management skills.

Grading Basis: Pass/Fail

Repeatable. Max Credits: 2.

Typically Offered: Fall, Spring.

## IDPT 6665 - Introduction to Global Health (1 Credit)

This course, required for Global Health Track students, gives a broad overview of important issues in global health, e.g., the HIV epidemic, maternal-child health, humanitarian assistance, clean water and sanitation. Pass/fail based on attendance and final project (1- pager).

Grading Basis: Medical School HP

Typically Offered: Fall.

## IDPT 6667 - Global Health Studies (US) (10 Credits)

Students and their faculty preceptors will develop a global health project focused on research, education, or community health service. After their project with a global health organization, students will provide a written report and an oral presentation of their project. Course restrictions: Must be enrolled in the Global Health Track.

Grading Basis: Medical School HP

Typically Offered: Summer.

## IDPT 6668 - Global Health Study Aboard (10 Credits)

Prior to travel, students and their faculty preceptors will develop a global health project focused on international research, education, or community health service. After their stay abroad, students will provide a written report and an oral presentation of their project. Course restrictions: Must be enrolled in the Global Health Track.

Grading Basis: Medical School HP

Typically Offered: Summer.

## IDPT 6669 - Global Health Seminar (1 Credit)

This is a required course for Global Health Track students. This course will help students design and implement their global health projects by addressing the basics of project design, survey development, data collection and analysis.

Grading Basis: Pass Fail with IP

Typically Offered: Spring.

## IDPT 6671 - Urban Underserved Care (1 Credit)

This course, required for all CU-UNITE Urban Track students, is an introduction to important issues in urban underserved health care. Topics include: health disparities, mental health, substance abuse, and care for specific populations such as the homeless and refugee population. Max 30

Grading Basis: Medical School HP

Typically Offered: Fall, Spring.

## IDPT 6672 - Urban Underserved Care 2 (1 Credit)

This CU-UNITE required elective is an advanced course regarding issues in urban underserved health care. Topics: Procedural skills development, an interdisciplinary service learning project in the community, discussion of personal qualities needed for serving urban, underserved populations and provider wellness. Restrictions: Only for CU-UNITE/Urban Underserved Track students.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring.

## IDPT 6840 - Independent Study (1-9 Credits)

Grading Basis: Medical School HP

## IDPT 7000 - Foundations Doctoring III (0.5-1 Credits)

This course is the third year of the longitudinal Foundations curriculum.

Students spend one afternoon, 2-3 times a month in the office of a generalist or specialist physician. Credit hours by semester = 0.5 summer, 1.0 fall, 1.0 spring.

Grading Basis: Medical School HP

Repeatable. Max Credits: 2.5.

## IDPT 7001 - Integrated Clinicians 1 (2 Credits)

Course offered spring semester prior to beginning Phase III clerkship blocks. The course is designed to assist with the transition to the clerkship blocks. Course material will provide students with reinforcement of the fundamental physical exam and presentation skills and important information about the clinical courses.

Grading Basis: Medical School HP

Typically Offered: Spring.

## IDPT 7002 - Integrated Clinicians 2 (2 Credits)

Through didactic and small group sessions, the course will teach advanced clinical skills, translational basic science, and thread material that is vital to doctoring, but underrepresented in the clinical blocks. 1 week.

Grading Basis: Medical School HP

Typically Offered: Spring.

## IDPT 7003 - Integrated Clinicians 3 (4 Credits)

Through didactic and small group sessions, the course will teach advanced clinical skills, translational basic science, and thread material that is vital to doctoring, but underrepresented in the clinical blocks. 2 weeks.

Grading Basis: Medical School HP

Repeatable. Max Credits: 4.

Typically Offered: Spring.

## 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 7009 - LGBT Health Elective (8 Credits)**

The course provides health professional students the basic knowledge and skills to provide culturally responsive, clinically competent care to lesbian, gay, bisexual, and transgender (LGBT) patients.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

**IDPT 7010 - Hospitalized Adult Care (16 Credits)**

Eight week block focused on the care of the adult inpatient. Students are assigned to two sites, each for 4 weeks: University of Colorado Hospital, Denver Health, Presbyterian St. Luke's, Veterans Affairs Medical Center, Exempla St. Joseph's, Rose Medical Center.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring, Summer.

**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 7020 - Infant/Adolescent Care (12 Credits)**

This block introduces clinical objectives to achieve competency in pediatric medicine, emphasizing illness and wellness of children and families, growth, development, physical and mental well-being. Students combine hospital and ambulatory experiences in Denver and other Colorado communities.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring, Summer.

**IDPT 7021 - Musculoskeletal Care (4 Credits)**

This block combines PM&R, Orthopaedics, Rheumatology, basic science, and thread topics to develop competency in history and physical exam skills and the use of laboratory data and basic imaging studies to diagnose, treat, and prevent abnormalities of the musculoskeletal system.

Grading Basis: Medical School HP

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 7030 - Obstetrics and Gynecology (8 Credits)**

Students will work in OB/GYN clinics, labor and delivery, OB and GYN wards, and the O.R. They will learn a newborn exam and fundamentals of newborn care. Course offered at University Hospital, Denver Health Medical Center or an AHEC site.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring, Summer.

**IDPT 7031 - Emergency Care (4 Credits)**

An introduction to the initial evaluation and management of emergently presenting problems in adults and children. Emphasis on recognition, differential diagnosis, and stabilization of shock and trauma. Students will also be exposed to pre-hospital care and concepts of triage.

Grading Basis: Medical School HP

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 7040 - Psychiatric Care (8 Credits)**

Students will work closely with attendings and residents to care for adults and/or children. Students have a choice of twelve (12) unique clinical settings including emergency department, consult service, inpatient and outpatient.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring, Summer.

**IDPT 7041 - Neurologic Care (4-8 Credits)**

Students will participate in the diagnosis and treatment of patients with a wide variety of acute and chronic neurologic disorders. Formal teaching is provided in Attending Rounds, student seminars, resident seminars and departmental Grand Rounds.

Grading Basis: Medical School HP

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 7045 - COVID Elective (1-8 Credits)**

This 2-4 week elective utilizes a combination of online modules, virtual sessions, and service learning, research, education, or narrative component to help students learn and apply concepts around the COVID-19 pandemic to immediately care for patients and assist in community efforts to mitigate adverse consequences of emerging diseases. Crosslisted as IDPT 8045.

Grading Basis: Satisfactory/Unsatisfactory w/IP  
Repeatable. Max Credits: 16.

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 7050 - Peri/Operative Care (16 Credits)**

While gaining experience in surgery and anesthesiology, students study surgical diseases and participate in the operative care and delivery of anesthesia during the peri-operative period. Assessment and management of common inpatient and ambulatory procedures are emphasized from initial patient referral to discharge.

Grading Basis: Medical School HP

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 7054 - Interventional Radiology - (Denver Health) (8 Credits)**

A hands on clinical rotation with the IR section at Denver Health. This rotation exposes students to all aspects of IR including procedural skills, patient encounters, and targeted medical imaging interpretation. A useful course for students entering any field that interact with IR, as well as students considering a career in Radiology.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

**IDPT 7055 - Telehealth Selective Rotation (8 Credits)**

An exploratory course offering a broad array of telehealth experiences such as virtual urgent care, psychiatry, dermatology, stroke. Opportunities will be offered for independent study, scholarly projects and inclusion in business and innovation aspects of telehealth. Prerequisites: Pre-Clinical Rotation Coursework Complete.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

**IDPT 7056 - Emergency Medicine Elective for Phase 3 Students (8 Credits)**

A 4 week course designed to enhance a students knowledge regarding emergency medicine by completing clinical shifts in multiple emergency departments. In addition, students will complete shifts with other subspecialty and adjunct services which help provide care for patients in the emergency department.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

**IDPT 7057 - Integrative Musculoskeletal Medicine (8 Credits)**

This course includes experiences in: PM&R, rheumatology, primary care sports medicine, radiology and will focus on outpatient MSK care including patient presentations, exam, testing and treatment. Managing MSK conditions is essential for practice in internal medicine, family practice, emergency medicine, pediatrics, among others.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

**IDPT 7058 - Ophthalmology (8 Credits)**

This course is intended to introduce medical students to the clinical practice of ophthalmology. The course will provide exposure to numerous sub-specialties within the field, allowing students to shadow within ophthalmology departments at the University of Colorado, Children's Hospital, the VA, and Denver Health. Prerequisites: Phase III Students Only.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

**IDPT 7059 - Anesthesiology Selective (UH) (8 Credits)**

Students will gain knowledge and skills related to the clinical practice of anesthesiology working as part of the anesthesiology team. Knowledge gained will pertain to pre-operative assessment and optimization, intraoperative and post-operative care. Skills gained will relate to vascular access, airway, pressors, ventilators and more.

Grading Basis: Pass Fail with IP

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 7070 - Community and Primary Care (16 Credits)**

Students will be immersed in a primary care setting and experience a broad scope of care in the context of the communities in which patients live. This course emphasizes ambulatory clinical skills, patient-centered care, critical appraisal and application of national screening guidelines, and inter-professional collaboration.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring, Summer.

**IDPT 7075 - VA Sequential Training Program (1-2 Credits)**

The VA Sequential Training (VAST) Program is a 6-month clinical immersion with mixed-methods educational content focused on professional identity development, resiliency, and unique skills needed to successfully care for a Veteran population.

Grading Basis: Medical School HP

Repeatable. Max Credits: 2.

Typically Offered: Fall, Spring, Summer.



**IDPT 7080 - Integrated Longitudinal Medicine Clerkship (16-32 Credits)**  
The ILMC is a unique 16-week longitudinal clerkship allowing students to fulfill competencies for HAC, AAC and the RCC blocks in one continuous teaching site. Students spend 12 weeks at one learning site preceded by an initial month of HAC in the Denver metropolitan area. Requisite: This course is a longitudinal clerkship integrating components of the Phase 3 HAC, AAC and RAC blocks. Students must be eligible for Phase 3 clerkships. Students must be approved by course director to take the course.

Grading Basis: Medical School HP  
Repeatable. Max Credits: 32.  
Typically Offered: Fall, Spring, Summer.

**IDPT 7085 - Integrated Longitudinal Medicine Clerkship (2 Credits)**  
This is a multidisciplinary course required of students participating in the ILMC. Focus will be on supervised self-directed and team learning, community involvement, and provision of health care within a community  
Grading Basis: Medical School HP  
Repeatable. Max Credits: 2.  
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 - Deternn 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 - Foundations Doctoring IV (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 8001 - Tutoring in Clinical Skills (2 Credits)

Fourth year students are trained to be tutors and utilize these skills with pre-clerkship students developing their physical exam, communication and clinical reasoning skills.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 2.

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 8004 - Integrated Clinicians 4 (4 Credits)

Through didactic and small group sessions, the course will teach advanced clinical skills, translational basic science and thread material that is vital to doctoring, but underrepresented in the clinical blocks. 2 weeks.

Grading Basis: Medical School HP

Typically Offered: Spring.

IDPT 8005 - Integrated Clinicians 5 (4 Credits)

ICC 5 is a required Phase IV course that will provide you with essential learning opportunities to begin residency and your career to include ACLS, legal malpractice, teaching skills, finance, leadership skills and specialty specific clinical reviews. 2 weeks.

Grading Basis: Medical School HP

Typically Offered: Fall, Spring.

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 8014 - Global Health US Project (8-16 Credits)

4-8 wks. Max:20. This course is the continuation of IDPT 6667 & 6668. Students will undertake a global health project at a US-based site under the supervision of their designated mentor and local supervisors. Restrictions: Course director approval required to add course.

Grading Basis: Medical School HP

Repeatable. Max Credits: 16.

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 8019 - Team-based Clinical Care (2 Credits)

A longitudinal, interprofessional course consisting of three activities including Voice of the Patient (opportunity to learn about the patient experience in healthcare), Adverse Event Review (opportunity to analyze a patient safety event), and an Executive Summary Analysis (allowing students to analyze a healthcare system inefficiency).

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 4.

Typically Offered: Fall, Spring.

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 8022 - Clinical Medical Spanish (8 Credits)**

Clinical Medical Spanish is a local near-immersion experience in medical Spanish, consisting of classroom instruction in medical Spanish and immersion experiences with various Spanish speaking staff in the health care professions.

Grading Basis: Medical School HP

Typically Offered: Fall.

**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 8025 - Clinical Ultrasound-Emergency Department-DHHA (4 Credits)**

Clinician-performed US is an integral skill in many specialties. This elective enables students to gain valuable skills in acquisition and interpretation of bedside US exams. This elective involves didactic and hands-on educational opportunities. Students are required to participate in 2 scanning sessions for the SOM US curriculum. Hands-on bedside ultrasound scanning, didactic sessions, video review.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 8.

Typically Offered: Fall, Spring, Summer.

**IDPT 8026 - Critical Care & Procedural Skills (2-4 Credits)**

Formerly EMED8007. Students will participate in an intensive 2-week elective with performance-based, hands-on training in 4 procedural skill areas: airway management, laceration repair, fluid sampling, and vascular access. Students will also complete training in management of critically ill patients using procedural skills and simulated patients. Department Consent

Grading Basis: Medical School HP

Repeatable. Max Credits: 8.

Typically Offered: Spring.

**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 8029 - Trek Integrated Critical Care (8 Credits)**

Course combines clinical, didactic, and Sim to teach the foundations of critical care medicine, focusing on day-1 intern readiness and creating well-rounded physicians. Topics covered include "sick vs not sick", initial patient stabilization, circulatory and respiratory failure, mechanical ventilation, and common ICU procedures. Only for Phase IV students that have completed their required Acting Internship.

Grading Basis: Pass Fail with IP

Typically Offered: Fall.

**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 8031 - Genetics and Precision Medicine (8 Credits)**

Genetic and precision medicine is expanding into all aspects of clinical medicine. This course will allow students to delve deeper into this field to be better prepared to practice genomic medicine, manage patients with genetic conditions, and be better prepared to apply emerging therapies (gene therapy, CRISPR, RNA therapies).

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

**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 8034 - Virtual Health Center Elective (4 Credits)**

This elective explores the use of virtual health in individual and systems level care. Students will gain confidence caring for patients over video, participate in system-wide sepsis care, and explore many unique applications of technology to health care at the Virtual health Center.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, 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 8036 - Global Health and Underserved Populations (4-8 Credits)**

This underserved populations course will cover critical approaches to overcome challenges and limitations in the medical care of vulnerable groups living in developed (global health without travel) and underdeveloped settings (global health).

Grading Basis: Pass Fail with IP

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 8040 - Physician as Healthcare Improver (2-4 Credits)**

Students complete 16 IHI Open School on-line courses to earn their Basic Certificate of Completion. Course content includes: quality improvement, patient safety, leadership, patient/family-centered care, and managing health care operations. Students also reflect on learning and implications for future career.

Grading Basis: Medical School HP

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 8042 - Foundations in Obesity Medicine and Nutrition (4 Credits)**

The focus of this elective is on recognition, assessment, and treatment and prevention of obesity. Students interested in improving their knowledge innutrition and interacting both in outpatient and surgical management of obesity should take this elective.

Grading Basis: Pass Fail with IP

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 8045 - COVID Elective (4-8 Credits)**

This 2-4 week elective utilizes a combination of online modules, virtual sessions, and service learning, research, education, or narrative component to help students learn and apply concepts around the COVID-19 pandemic to immediately care for patients and assist in community efforts to mitigate adverse consequences of emerging diseases. Crosslisted as IDPT 7045

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 16.

Typically Offered: Fall, Spring, Summer.

**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 Footfalls 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 8049 - Multiple Chronic Conditions (8 Credits)**

This course explores current models of care for populations with Multiple Chronic Conditions (MCC), identifies barriers and gaps in current care and systems, and assesses impact of chronicity/disability at population and systems levels.

Grading Basis: Medical School HP

Typically Offered: Fall.

**IDPT 8050 - Mental Health-Colorado Springs (4-8 Credits)**

Students will work with a mental health team embedded within a primary care clinic, with a goal of improving primary care provider comfort in identifying and treating common mental health conditions.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

**IDPT 8051 - Infectious Diseases - Colorado Springs (4-8 Credits)**

Students work with Infectious Disease clinical faculty seeing patients in C. Springs community-based setting. Students see patients in outpatient clinic, inpatient consultation, and the infusion center. This course is designed for students looking to deepen their understanding of the diagnosis, management, and treatment of acute infection

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Spring, Summer.

**IDPT 8052 - Introduction to Public Health-Colorado Springs (4-8 Credits)**

The principles of Population Health are essential for future physicians to understand. Physicians function within a larger community of allied healthcare providers to include Public Health professionals. Social and ecological factors play a greater role in the health of communities than clinical interventions. Course offered Aug and Oct.

Grading Basis: Pass Fail with IP

Typically Offered: Fall, Summer.

**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 8054 - CSB Community Engagement (4 Credits)**

Community Engagement provides CSB students mentorship to guide community-based collaborations and project development. Participants can advance PEAK partnerships or pioneer new collaborations.

Quarterly small group "Community Lab" explores goals, outcomes, obstacles, scholarship, and reflection related to community engagement.

Requisite: Students must be graduates of the Colorado Springs Branch's COSMIC LIC program as coursework builds off of unique elements of the CSB Phase 3 curriculum.

Grading Basis: Pass Fail with IP

Repeatable. Max Credits: 4.

Typically Offered: Fall, Spring.

**IDPT 8058 - Cardiovascular 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.

**IDPT 8059 - Space Med: Human Spaceflight & Medical Risk Assessment (8 Credits)**

Space Medicine: Human Spaceflight Factors & Medical Risk Assessment. This course will focus on the evidence based medicine process to quantify medical risk of both common and space-specific conditions, as well as include a longitudinal curriculum on space medicine, taught by NASA physicians based at the Johnson Space Center in Houston.

Grading Basis: Pass/Fail

Typically Offered: Fall, Spring, Summer.

**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/academic career 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 8064 - Medicine and the Holocaust (4 Credits)**

This 2-week intensive explores the history of health professional involvement in the Holocaust - including coverage of US race and eugenics policies that influenced the Nazis - and the ongoing legacy of this history for contemporary bioethics. It features direct interactions with experts from around the world, including our annual Week of Remembrance keynote speaker. Learners will also develop a capstone presentation for their peers.

Grading Basis: Pass Fail with IP

Typically Offered: Spring.

**IDPT 8065 - MSTP Global Health and Underserved (4 Credits)**

The underserved populations course will cover critical approaches to overcome challenges and limitations in the medical care of vulnerable groups living in developed (global health without travel) and underdeveloped settings (global health). 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 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: Letter Grade with IP

Repeatable. Max Credits: 2.

Typically Offered: Fall, Spring.

**IDPT 8078 - Translational Medicine Selective Fort Collins Branch (4 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 (4 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 8500 - Independent study in Research or other degree (2-3 Credits)**

This elective allows students either enrolled in a joint degree program (such as MBA/MD or MBIOS/MD) or doing a research fellowship (such as Howard Hughes or Doris Duke) to remain as students and receive malpractice coverage while involved in maintaining clinical skills. Requisite: Consent form Associate Dean of Student Life, School of Medicine Required  
Grading Basis: Pass Fail with IP  
Repeatable. Max Credits: 7.  
Typically Offered: Fall, Spring, Summer.

**IDPT 8540 - DH-LIC Capstone Social Medicine (4 Credits)**

A 2 week elective available to alumni of the DH-LIC and required for students enrolled in the DH-LIC Longitudinal Scholarship in Social Medicine Elective. This elective provides in-depth content and expert speakers covering topics in social medicine, disparities, health care systems and public and population health.  
Grading Basis: Pass Fail with IP  
Typically Offered: Spring.

**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 8640 - DHLIC Longitudinal Scholarship (4-8 Credits)**

A longitudinal elective available to alumni of the DH-LIC aimed at providing in-depth mentored project work and a longitudinal curriculum in social medicine and population health. The longitudinal course will count as a research elective.  
Grading Basis: Pass Fail with IP  
Typically Offered: Fall.

**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.