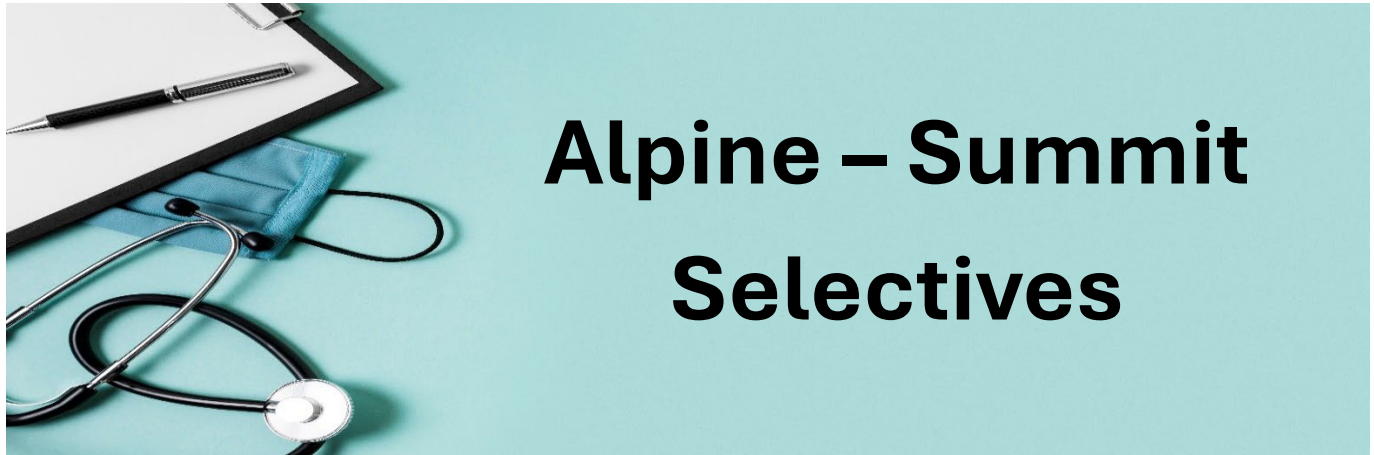




University of Colorado
Anschutz Medical Campus



Alpine – Summit Selectives

IDPT 8028 - The Business of Medicine

IDPT 8073 - Nutrition and Culinary Medicine

IDPT 8074 – Advanced Concepts in Public Health

IDPT 8075 – Climate Change and Environment

IDPT 8076 – Non- Surgical Musculoskeletal Spine Medicine

IDPT 8078 – Translational Medicine

IDPT 8079 – The Frontier of AI and Medicine

IDPT 8101 – Global Health in Local Contexts

IDPT 8112 - Cancer Biology

IDPT 8121- Advanced Anatomy

If you have general questions about Selectives, contact your Curriculum Team at SOM.Alpine-Summit@cuanschutz.edu.

IDPT 8028 - The Business of Medicine

Dates Offered: 2/7/2027-3/5/2027

Location: AMC

Course Description:

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.

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IDPT 8073 - Nutrition and Culinary Medicine

Dates Offered:

5/2/2027-5/28/2027

6/27/2027-7/23/2027

Location: AMC

Course Description:

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.

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IDPT 8074 - Advanced Concepts in Public Health

Dates Offered:

2/7/2027-3/5/2027

11/07/2027-12/03/2027

Location: Remote

Course Description:

This four-week, writing-intensive course examines structural inequities and contemporary health challenges through a comparative analysis of medical and public health interventions. Using historical context to frame modern issues such as systemic racism, obesity, and substance use, students will critically evaluate the origins, consequences, and responses to health inequities. Each thematic module culminates in a written assignment requiring synthesis of diverse materials and evidence-based reasoning. Students will engage with scholarly literature, clinical guidelines, public health data, and multimedia content to build the skills necessary to assess and compare individual-level medical care with population-based public health strategies. A weekly time commitment of at least 20–25 hours is expected for content review and assignment preparation.

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IDPT 8075 - Climate Change and Environment

Dates offered:

2/7/2027-03/5/2027

10/10/2027-11/5/2027

Location: AMC

Course Description: 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.

Contact:

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IDPT 8076 - Alpine Non-Surgical Musculoskeletal Spine Medicine

Dates Offered:

03/07/2027-04/02/2027

04/04/2027-04/30/2027

Location: AMC

Course Description:

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 an 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.

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IDPT 8078 - Translational Medicine

Dates Offered:

10/10/2027-11/5/2027

Location: Remote

Course Description:

Students will identify and learn how to effectively address gaps in knowledge, implementation, or practice in an important topic in medicine. The experience will include exposure to expert clinicians and stakeholders, entrepreneurship, team building, regulatory issues, project/trial design, intellectual property, biotechnical/bioengineering resources, and effective communication of ideas and projects – culminating in the active application of grant writing training to prepare a quality proposal.

Contact:

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IDPT 8079 - The Frontier of AI and Medicine

Dates Offered: 10/10/2027-11/5/2027

Location: Remote

Course Description: 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.

Contact:

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IDPT 8101 - Global Health in Local Contexts

Dates Offered:

2/7/2027-3/5/2027

3/7/2027-4/2/2027

Location: AMC

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

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IDPT 8112 - Cancer Biology

Dates Offered:

04/04/2027-04/30/2027

7/25/2027-08/20/2027

Location: AMC

Course Description:

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

Contact:

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IDPT 8121- Advanced Anatomy

Dates Offered:

03/07/2027-04/02/2027

Location: AMC

Course Description:

This course is a dissection-based anatomy elective that focuses on the key anatomical relationships for many surgical and interventional subspecialties. Two anatomical donors, one male and one female, will serve as the primary instructors for this course with a trained anatomist as the dissection facilitator.

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