This course integrates School of Medicine thematic content with an emphasis on core concepts needed for clinical practice in the changing healthcare environment. Students will explore areas related to humanism in medicine including the themes of diversity, health equity, ethics, professionalism, and determinants of health. Pass/Fail only.

**MEDS 530. Circulatory System. 13 Credits.** (5 Lec, 2 Lab, 6 Rct) S
PREREQUISITES: WWAMI Medical Student. Circulatory systems will present students with an integrated approach to the key supply chain and waste management systems of the body. Students will manage the movement of oxygen from the environment to the tissues, and movement of waste products of metabolism along the opposite path, examining the coordinated roles of the lungs, heart and kidney in the control and regulation of these processes. Introduction to anatomy, histology and pharmacology content will be incorporated into the course.

WWAMI Medical Education Program.

**MEDS 535. Ecology of Health & Medicine – Foundations 3. 1 Credit.** (1 Lec) S
This course integrates School of Medicine thematic content with an emphasis on core concepts needed for clinical practice in the changing healthcare environment. Students will explore areas related to humanism in medicine including the themes of diversity, health equity, ethics, professionalism, and determinants of health. Pass/Fail only.

**MEDS 540. Blood, Cancer, Musculoskeletal, 7 Credits.** (5 Lec, 2 Lab) Su
PREREQUISITE: WWAMI Medical Student. This course familiarizes students with basic pathophysiologic mechanisms leading to disturbances of red cell, white cell, and platelet production, as well as abnormalities of hemostasis presenting clinical problems. The Musculoskeletal content will focus on clinical manifestations in the musculoskeletal system and pathophysiology of trauma, aging, infection, and inflammation. Pass/Fail only. WWAMI.

**MEDS 545. Ecology of Health & Medicine – Foundations 4. 1 Credit.** (1 Lec.) F
This course applies School of Medicine thematic content with an emphasis on core concepts needed for clinical practice in the changing healthcare environment. Students will explore areas related to humanism in medicine including the themes of diversity, health equity, ethics, professionalism, and determinants of health. Pass/Fail only.

**MEDS 550. Energetics & Homeostasis. 8 Credits.**
PREREQUISITE: WWAMI Medical Student. This course discusses energy in the body and the role of the body in maintaining homeostasis, and the control and regulation of homeostasis in response to internal and external stimuli.

**MEDS 555. Mind, Brain, and Behavior. 13 Credits.** (5 Lec, 2 Lab) Su
PREREQUISITE: WWAMI Medical Student. This course will provide an overview of the brain and behavior, covering topics such as neuroplasticity, the role of the brain in behavior, and the interplay between the brain and the body.

**MEDS 560. Special Topics. 1-4 Credits.** (1 Lec; 12 cr max) On Demand
PREREQUISITE: Upper division courses and others as determined for each offering. Courses not required in any curriculum for which there is a particular one time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number.

**MEDS 570. Special Topics. 1-4 Credits.** (1 Lec; 2 cr max) On Demand
PREREQUISITE: Upper division courses and others as determined for each offering. Courses not required in any curriculum for which there is a particular one time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number.

**MEDS 580. Special Topics. 1-4 Credits.** (1 Lec; 2 cr max) On Demand
PREREQUISITE: Upper division courses and others as determined for each offering. Courses not required in any curriculum for which there is a particular one time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number.
MEDS 595. Research Methods. 6 Credits. (2 Lec. 2 Ind. 2 Lab) Su
Community health and disease, including assessment of disease risk and
mechanisms of epidemic detection, spread, and control; interpretation of research
design, data analysis, bias source; and clinical epidemiology, including evaluation
and application of diagnostic tests, natural history of disease, and quantitative aids
for clinical decision making.

MEDS 624. Health Equity and Community Organizing. 1 Credit. (1 Sem) F
PREREQUISITES: Enrollment in a graduate or upper division undergraduate
health professions program and consent of instructor. This interprofessional course
equips students with tools to organize themselves and others to address social and
structural injustices that perpetuate health disparities. Didactic coursework will
be complemented with opportunities to apply skills and gain confidence through
hands-on collaboration with local leaders and engagement in community-driven
listening and advocacy campaigns.
Font Notice

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leepfrog for a draft with the correct fonts in place.