**Medicine Doctorate-WWAMI (MD)**

**Courses**

**MD A601 Foundations of Clinical Medicine: Immersion** 2 Credits
Boot camp in the fundamental clinical skills of medicine including doctor-patient communication, medical interviewing, the content and structure of the medical database, basic physical exam, and the culture and professionalism of medicine.

**Registration Restrictions:** Admission to WWAMI MD program.

**MD A602 Foundations of Clinical Medicine: Primary Care Practicum** 1-3 Credits
Introduces medical students to continuity of care by working with practicing physicians. Course demonstrates how to work with individuals to help them achieve optimal health, and includes topics in primary and preventative care, geriatrics, rehabilitation, palliative care, behavioral health, and pain management.

**Special Note:** May be taken a maximum of four times for credit.

**Registration Restrictions:** Admission to WWAMI MD program

**MD A603 Foundations of Clinical Medicine: Clinical Skills** 1-3 Credits
Introduces the physician role including communication skills, interviewing techniques, physical examination, documentation and clinical reasoning. Course will include hospital-based patient encounters to develop comfort with the physician role.

**Special Note:** May be taken for a maximum of four times for credit.

**Registration Restrictions:** Admission to WWAMI MD program

**MD A604 Medicine, Health and Society I** 1 Credit
Introduces core concepts needed for clinical practice in the changing healthcare environment. Explores areas related to humanism in medicine, including the themes of diversity; health equity; ethics; professionalism; and determinants of health, such as accountability in health disparities, ethical case analysis, excellence, conflict resolution, primary care and rural medicine systems, informed medical decision making, advanced patient safety, global burden of disease, application of systems thinking.

**Special Note:** This course is taught in a 1-week intensive format.

**Registration Restrictions:** Admission to WWAMI MD program

**MD A605 Medicine, Health and Society II** 3 Credits
Emphasizes core concepts needed for clinical practice in the changing healthcare environment. Explores areas related to humanism in medicine, including the themes of health systems, systems improvements, health equity, diversity, social determinants of health, and global population and public health.

**Special Note:** This course is taught in a 3-week intensive format.

**Registration Restrictions:** Graduate standing and admission to the WWAMI School of Medical Education

**Prerequisites:** MD A604 with a minimum grade of P.

**MD A606 Ecology of Health and Medicine - Foundations 3** 1 Credit
Emphasizes core concepts needed for clinical practice in the changing healthcare environment. Explores areas related to humanism in medicine, including the themes of diversity; health equity; ethics; professionalism; and determinants of health, such as interplay of components of Ecosocial Model, ethical case analysis, advocacy and integrity, high-functioning teams, influence of individual factors on health, health economics, patient safety, health metrics, and application of systems thinking.

**Special Note:** This course is taught in a 1-week intensive format.

**Registration Restrictions:** Admission to WWAMI MD program

**MD A607 Ecology of Health and Medicine - Foundations 4** 1 Credit
Emphasizes core concepts needed for clinical practice in the changing healthcare environment. Explores areas related to humanism in medicine, including the themes of diversity; health equity; ethics; professionalism; and determinants of health, such as accountability in health disparities, ethical case analysis, excellence, conflict resolution, primary care and rural medicine systems, informed medical decision making, advanced patient safety, global burden of disease, application of systems thinking.

**Special Note:** This course is taught in a 1-week intensive format.

**Registration Restrictions:** Admission to WWAMI MD program

**MD A608 Clinical Epidemiology** 2 Credits
Introduces methods for identifying, interpreting and applying high quality, relevant published medical research and evidence to the practice of clinical medicine for effective preventative and therapeutic interventions. Topics include research study design of randomized trials, measures of effect, interpretation of causal relationships, contexts for screening and diagnosis, interpretation of test results, application of statistical measures, systematic reviews and meta-analyses.

**Special Note:** This course is taught on a compressed schedule.

**Registration Restrictions:** Admission to WWAMI MD Program

**MD A610 Fundamentals of Medical Science & Research** 9 Credits
Introduces foundational basic science and research concepts in medicine. Covers molecular and cell biology; human physiology; genetics; biochemistry; community health and disease; clinical epidemiology; research study design and data analysis. Incorporates fundamental principles of anatomy, pathology, pharmacology, and medicine in society.

**Registration Restrictions:** Graduate standing and admission to the WWAMI School of Medical Education

**MD A620 Infections & Immunity** 7 Credits
Introduces the immune system, microbiology, infectious diseases, inflammation and repair. Discusses the pathogenesis and immunity of infectious disease, immunodeficiencies, hypersensitivity, autoimmunity, and the basis of immunologic diagnostics. Integrates relevant principles in anatomy, pathology, pharmacology, and medicine in society.

**Registration Restrictions:** Graduate standing and admission to the WWAMI School of Medical Education
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<tr>
<th>Course Code</th>
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<td>MD A630</td>
<td>Cardiovascular System</td>
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<tr>
<td>MD A640</td>
<td>Cancer, Hormones and Blood</td>
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<td>MD A641</td>
<td>Muscles, Joints, Bones &amp; Skin</td>
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<td>MD A650</td>
<td>Head, Neck &amp; Gut</td>
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<td>MD A660</td>
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<td>MD A670</td>
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<td>MD A698A</td>
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**Special Note:** Research conducted during summer between terms 2 and 3 in Foundations Phase of MD program.

**Registration Restrictions:** Admission to the WWAMI School of Medical Education and graduate standing.
MD A698B Independent Investigative Inquiry - Poster 1 Credit
Engages students in preparation and presentation of professional quality research poster covering the independent investigative inquiry project conducted in MD A698A. Students will develop skills in dissemination of scholarly work through poster design, figure development, assembly and poster presentation at regional Medical Student III Poster Session.

Registration Restrictions: Admission to the WWAMI School of Medical Education and graduate standing

Prerequisites: MD A698A with a minimum grade of P or concurrent enrollment.