



Recommended Prerequisite Competencies

School of Medicine, UME Admissions

The following prerequisites* are *recommended* to applicants as they prepare themselves for the *YourMD* Curriculum. These are based on the [AAMC Premedical Competencies](#) which mark the beginning of a continuum leading to the Six Domains of Competence that create the foundation of Graduate Medical Education (Residency Training) and beyond into independent practice. The OHSU School of Medicine seeks applicants who will develop into practitioners able to master each of these domains. Applicants will be asked to elaborate on their pathway to medicine, including reflection on their approach to attaining competency in these fields.

I. Pre-Professional Competencies:

Service Orientation, Cultural Competency, Ethical Responsibility to Self and Others; Social Skills and Oral Communication; Teamwork, Reliability, and Dependability; Resilience, Adaptability, and Capacity for Improvement- Experiences demonstrating the above competencies are broad. They may include demonstration of excellence and leadership in the areas of service including but not limited to: any number of employment, volunteer or research experiences both inside and outside of the healthcare arena, participation in the arts and/or collegiate athletics, military service, and experience working in the Peace Corps, AmeriCorps, and Teach for America.

II. Thinking and Reasoning Competencies:

Critical Thinking and Written Communication- This includes exposure to coursework and independent or professional experiences in the humanities and/or social sciences. These experiences are designed to demonstrate critical analysis that weighs alternative solutions to problems and fosters an appreciation of the strengths and weaknesses of a given argument. Such experiences must also stress expression and application of such ideas and conclusions through highly developed and effective use of the written word.

Quantitative Reasoning- Classwork in quantitative reasoning *could* include Statistics, Calculus, Data Science or Computer Science.

Scientific Inquiry- Successful applicants will demonstrate fluency in the language of the scientific method as it is applied via classroom laboratory coursework or through independent research experiences.

III. Science Competencies:

Living Systems- Demonstrate an ability to apply basic science principles to human health and disease and demonstrate observational and analytical skills applied to biological situations. This could include coursework in Biology, Chemistry, Organic Chemistry, Physics and Biochemistry. It is recommended that applicants take a course in human anatomy and/or physiology.

Human Behavior- An understanding of the basis of human behavior and its application to both individuals and society. This could include courses in Psychology and Sociology.

* Replaces all prior prerequisite coursework requirements.