

College of Medicine
 Medicine | Medicine & Bridge Program
 Table 3: Student Learning Outcomes

Doctor of Medicine

Outcome Type	Outcome	Assessment & Evaluation Process
Student Learning	Upon completion of the course of instruction, the student will be able to demonstrate the requisite knowledge of the basic biomedical and behavioral sciences and their application to patient care. Upon completion of the second year of medical school, students are required to take the US Medical Licensure Examination, Step 1. This national examination provides a means of assessing student performance. It is also a prerequisite to proceeding to the required clerkships in the third year of the medical education curriculum. The USMLE Step 1 Examination first-time pass rate for FSU medical students should meet or exceed the national average. On each of the third year clinical clerkships, students are required to demonstrate the ability to apply medical knowledge acquired in Years 1 and 2 to the care of patients in clinical settings, including physicians' offices, hospitals, surgical centers, nursing homes, etc. At the end of each third year clerkship, students are required to take and pass a national exam in order to pass the clerkship.	<p>Students are directly observed and evaluated in the clinical setting by their clerkship faculty member. Students must meet the competency objectives for each clerkship in order to satisfactorily complete the clerkship. In addition, students must perform at or above the 10th percentile on the NBME Clinical Subject exams in order to pass the clinical clerkships.</p> <p>Students are required to complete a Formative OSCE (Objective Structured Clinical Examination) during their third year in order to graduate.</p> <p>Three components of the USMLE (Step 1, Step 2CK and Step 2CS) measure students' preclerkship and clinical knowledge while they are in training at the medical student level. The USMLE Step 1 is taken after the completion of the first two years of preclinical training; it is an assessment of the students' knowledge of the basic principles essential to the practice of medicine. The USMLE Step 2 Clinical Knowledge Examination (Step 2 CK) and the Step 2 Clinical Skills Examination (Step 2 CS) are taken after the completion of the third year of medical school. The USMLE Step 3 is taken during or after graduates complete their first year of residency training.</p>
Student Learning	Upon completion of the course of instruction, the student will be able to demonstrate the required clinical skills essential to the delivery of high quality patient care. Graduating students will be skilled in eliciting an accurate medical history and in performing a comprehensive and efficient physical examination consistent with the problem presented and appropriate for the setting of the patient care experience. He/she will develop a differential diagnosis and choose an appropriate diagnostic and management plan, using decision support resources such as clinical guidelines and evidence-based guidelines.	<p>Students are required to successfully complete the OSCE's (Observed Structured Clinical Exams) in the Clinical Skills component of courses in Years 1 and 2 to complete the requirements of the courses and be promoted to Year 3. The Year 3 Formative OSCE (FOSCE) is used to assess individual students as well as to assess the performance of groups of students across 6 regional campuses. Students are required to complete this OSCE in order to graduate from the COM.</p> <p>All U.S. medical students are required to take a Clinical Skills Examination as part of the Step 2 US Medical Licensure Examination. This provides a national standard by which to assess our students' clinical skills and evaluate our instructional program and methodology. The goal is for our students to meet or exceed the national pass rate on this examination.</p>
Program Outcome	The program will have a 95% four-year graduation rate, and 95% of eligible students will have residency positions by Match Day. Students will demonstrate the necessary knowledge and skills to pass both the Clinical Knowledge and Clinical Skills sections of the USMLE Step 2 licensure examination and proceed to the next level of medical training. The goal is that 95% of graduating students will match by Match Day and 100% of those graduates eligible for the match will have residency positions by graduation.	<p>Graduating students will participate successfully in the National Residency Matching Program (NRMP). The benchmark is for 95% of graduating students to match by Match Day and for 100% of those graduates eligible for the Match to have residency positions by graduation.</p> <p>Graduation rates will be calculated annually to determine the four year graduation rate, as well as to ensure compliance with the college's maximum six year enrollment to graduation.</p>

Source: FSU Institutional Effectiveness Portal, 2016-17.

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 Table 3: Student Learning Outcomes

Masters in Biomedical Sciences

Outcome Type	Outcome	Assessment & Evaluation Process
Student Learning	Upon completion of the course of instruction, the student will be able to formulate and develop a research question, complete an IRB application, and conduct a community-engaged research project and Preceptorship, write and submit a research report and present the research and findings in an oral presentation to faculty. Students will submit a reflective journal of their fall and spring semester activities.	At least 95% of the students will successfully complete the community-engaged research project, write a research report, submit a reflective journal of activities, and present and discuss the research to faculty and peers. An annual luncheon, sponsored by the COM, is held as the venue for student presentations of their research.
Student Learning	Upon completion of the course of instruction, the student will be able to describe the fundamentals of the gross anatomy, embryology, imaging and cell structure and function of the human body as a foundation for understanding the causes, diagnoses and treatment of clinical disorders; perform the basics of medical history taking and physical examination techniques; discuss and analyze in context common ethical issues faced by physicians and other healthcare providers in clinical practice, including physician-patient disagreement about treatment plans, patient confidentiality, and conflicts of interest; as well as specific issues involving reproductive/early life care and end-of-life care; and develop a working knowledge of applied statistics in research. Successful completion of these learning objectives and earning a B grade in all courses, will result in the students' obtaining a Master's Degree and being accepted into medical school or another professional or graduate school.	At least 95% of the students will obtain a Master's Degree and will be admitted to medical school.
Program Outcome	By the end of the year, the program will demonstrate continued selection of a diverse student body who will have a high success rate of admission to medical school, will pass the USMLE Step 1 Exam, will have a high success rate of graduation from medical school, and who will have a majority choose a primary care residency for further training.	At least 90% of students admitted to the Bridge to Clinical Medicine Masters Program will come from groups underrepresented in medicine and at least 20% will come from rural communities. At least 60% of Bridge students who take the USMLE Step 1 Exam at the end of their second year of medical school will pass it on the first attempt. Students graduating from the Masters in Biomedical Sciences, Bridge to Clinical Medicine Program will have a greater than 90% four-year graduation rate from medical school and at least 60% will choose a primary care residency program.

Source: FSU Institutional Effectiveness Portal, 2016-17.