Program-Level Assessment Plan

Program: M.S. Anatomy programs (Thesis, Project)

Degree Level (e.g., UG or GR certificate, UG major, master's program, doctoral program): Master's program

Department: Center for Anatomical Science and Education

College/School: Medicine

Date (Month/Year): July 21, 2021

Primary Assessment Contact: john.martin@health.slu.edu

Note: Each cell in the table below will expand as needed to accommodate your responses.

#	Student Learning Outcomes	Curriculum Mapping	Assessment Methods
	What do the program faculty expect all students to know or be able to do as a result of completing this program? Note: These should be measurable and manageable in number (typically 4-6 are sufficient).	In which courses will faculty intentionally work to foster some level of student development	

			2. ExamSoft summary reports will be used in the process. Assessments in learning management system (Blackboard or Canvas) will also be used in the process.
2	Thesis Track: CRITICAL THINKING: Students will demonstrate competency in the ability to apply common laboratory techniques, analytical approaches, experimental design, data collection, analysis and interpretation, problem solving skills, and critical evaluation of scientific literature used to test hypothesis-driven experiments in the anatomical sciences. CRITICAL SKILLS: Students will demonstrate competency in the ability, with oversight, to utilize technical skills and analytical approaches to gather pertinent data identifying a gap in knowledge, devise an experimental approach to research the problem, conduct studies and analyze the resultant data and describe finings in a hypothesis-driven research project.	Students enroll in the following courses during the second academic year. These courses stress scientific knowledge and research development: ANAT-5990 Thesis Research, ANAT-6900 Journal Club, and BBSG-510 Ethics for Research Scientists	1. Direct measures of student performance for: ANAT-5990 Thesis Research include ballot of thesis manuscript and oral defense; ANAT-6990 includes a rubric; BBSG-510 completion of online course. Indirect measures of student performance include participation in course discussions, progress meetings with faculty, discussions with the mentor/advisor and annual student reviews. 2. Artifacts will be collected from ANAT-5990 and ANAT-6990	1. Student performance data in ANAT-6900 journal club is graded. The oral defense of ANAT-5990 is graded by a 3-member committee. The information is used to determine whether the student is making progress in the program, to identify weaknesses in their knowledge base that need to be remediated. Student performance data is discussed each semester at faculty meetings and recommendations are made to be discussed with each student during progress meetings. 2. Summary reports of ANAT-6900 journal club rubric form will be used in the process.
3	Project Track: CRITICAL THINKING: Students will demonstrate competency in the ability to	Students enroll in the following courses during the second academic year. These courses stress teaching methodologies and scholarly project development: ANAT-5500 Advanced Dissections in Human Anatomy, ANAT-6900	1. Direct measures of student performance for: ANAT-5500 Advanced Dissections in Human Anatomy include a rubric; ANAT-6990 includes a rubric; ANAT-5960 includes master's project	Student performance data in ANAT-5500 Advanced Dissections in Human Anatomy and ANAT-6990 journal club is graded. The oral defense of ANAT-5960 is graded by a 3-member committee. The

Use of Assessment Data

1.