Medical Laboratory Sciences - Non-Thesis (MS)

We originally included MMSC690 Clinical and Molecular Cell Biology (3 cr), MMSC691 Human Molecular Genetics (3 cr), and MMSC692 Application of Molecular Diagnostic Techniques (3 cr) in this Master of Science program. We have recently proposed a new course more targeted toward the Medical Laboratory Scientist:  MMSC693 Cellular and Molecular Diagnostic Techniques (2 cr), and this course with MMSC691 Human Molecular Genetics (3 cr) better meet the needs of the Medical Laboratory Scientist. This sequence allows our graduate students in this program to learn state-of-the-art molecular and genetics necessary to be well-equipped for the clinical laboratory.

In addition, MMSC617 Clinical Physiological Chemistry Laboratory I is being proposed for a reduction in credits from 2 to 1 cr. to reflect changes in course content. The subsequent laboratory course, MMSC637, covers similar content to MMSC617. One credit of MMSC617 is sufficient foundation to prepare students for MMSC637.

By changing to this sequence and making this change to MMSC617, we will also reduce the credit requirements for this program from 66 credits to 61 credits.

Within the proposal schema, two courses were missing from the catalog in the proposal approved last cycle and these have been corrected in the schema:  MMSC427 Flow Cytometry (2cr) and MMSC491 Human Molecular Genetics (3cr)