Northern Michigan University

Master of Science in Clinical Molecular Genetics

Track 1: Clinical Molecular Diagnostics

Plan of Study (2021-22)

Name	IN#
Home Phone	Semester Admitted
Email	Current Date

Course I.D.	Course Title	Semester	Credits	Grade	Substitutions
Core Curriculum (24)					
AIS 535	Using Scholarly Library Resources (2)				
CLS 520	Prin of Clinical Molecular Diagnostics (3)				
CLS 526	Clinical Molecular Diagnostics Techniques (3)				
CLS 541	Clinical Applications of Genomic Med (3)				
CLS 543	Molecular Diagnostics in ID Testing (3)				
CLS 560	Biomed Lab Operations (3)				
CLS 563	Research Design, Methods, and Sc Wtg (3)				
CLS 570	Method Verification & Validation (4)				
Concentration (6) – Choose One					
Human Genetics Concentration					
CLS 536	Clinical Genetics (3)				
CLS 538	Molecular ID of Somatic Mutations in Cancer (3)				
Infectious Diseases Concentration					
CLS 544	Identification of Bacterial Pathogens (3)				
CLS 545	Molecular ID of Viral & Fungal Pathogens (3)				
Capstone (4) – Choose one option					
Project Option					
CLS 580	Project in Molecular Genetics (1-4) ***or***				
CLS 590	Capstone in Clinical Applications (1-4)				
Thesis Option					
CLS 516	Clinical Molecular Diagnostic Lab (1)				
CLS 599	Thesis (1-4)				
	Total Credits (34-35)				

I recommend that this program of study be approved. ( )

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Graduate Program Director Date_ Student Date

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Department Head Date Dean of Graduate Studies Date