## **Northern Michigan University**

## **Master of Science in Clinical Molecular Genetics**

## Track 1: Clinical Molecular Diagnostics Plan of Study (2019-21)

Name		IN#			
Home Phone	Semester Admitted				
Email	Current Date				
Course I.D.	Course Title	Semester	Credits	Grade	Substitutions
Core Curricu	lum (23)	<b>'</b>	ı	<u> </u>	•
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 (2)				
CLS 560	Biomed Lab Operations (3)				
CLS 563	Research Design, Methods, and Sc Wtg (3)				
CLS 570	Method Verification & Validation (4)				
Concentration	n (6) – Choose One				
Human G	enetics Concentration				
CLS 536	Clinical Genetics (3)				
CLS 538	Molecular ID of Somatic Mutations in Cancer (3)	)			
Infectiou	s Diseases Concentration				
CLS 544	Identification of Bacterial Pathogens (3)				
CLS 545	Molecular ID of Viral & Fungal Pathogens (3)				
Capstone (4)	- Choose one option				
Project O	ption				
CLS 580	Project in Molecular Genetics (1-4) or				
CLS 590	Capstone in Clinical Applications (1-4)				
Thesis Op	ption				
CLS 516	Clinical Molecular Diagnostic Lab (1)				
CLS 599	Thesis (1-4)				
	Total Credits (33-34)				
I recommend	that this program of study be approved. ( )				
Graduate Program Director Date_		Student			Date
 Department I	Head Date	Dean of Graduate Studies Da			 Date