

PSL Curriculum Overview

Basic requirements:

PSL 828: Cellular and Integrative Physiology I
 PSL 829: Cellular and Integrative Physiology II
 Electives: Any topic – at least 3
 PSL 950: Topics in physiology – at least 4

Anticipated Timeline:

Year	Fall	Spring
1	Elective 1 Recommended Elective 2 (PSL813: Molecular mechanisms of human disease and targeted therapies)	PSL 828: Cellular and Integrative Physiology I Elective 3
2	PSL 829: Cellular and Integrative Physiology II PSL 950: Topics in Physiology	PSL 950: Topics in Physiology Potential Elective: Thesis work specific Focus on research project (thesis)
End of Year 2: Beginning of Year 3	Committee Selection Comprehensive Exam: written proposal, research presentation, committee questions	
3	PSL 950: Topics in Physiology Focus on research project	PSL 950: Topics in Physiology Focus on research project
4	Focus on research project	Focus on research project

Below are suggestions of what a PSL curriculum could look like:

Cancer Topic:

PSL 828; PSL 829
 PSL 813
 MMG/GEN 835
 BMB 801
 BMB/MMG/PSL 825

Inflammation/metabolism topic:

PSL 828; PSL 829
 PSL 813
 MMG 851
 PDI 851
 BMB/MMG/PLS 825 or BMB 802

Muscle topic:

PSL 828; PSL 829
 PHM/PSL 827
 BMB 801
 BMB 802
 PHM 830

Continued Education:

Students are expected to attend the PSL weekly seminars

Students are allowed to take additional classes/courses as they see fit for their research work as long as it's approved by their mentor

Students will be required to present their work twice a year to the PSL community throughout their thesis work in form of talks or posters

Contacts:

Director, Graduate Studies:	Andrea Doseff, PhD	4173 BPS	517-884-5155	doseffan@msu.edu
Administrative Assistant:	Jasmine Hernandez	2201G BPS	517-884-5057	herna578@msu.edu
PSL Student Representatives:	Johnathan Kasper	3310 BPS	517-884-5078	kasperjo@msu.edu