

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 Time Line:

Year:	Fall	Spring
1	Elective Elective (PSL813: <i>Molecular mechanisms of human disease and targeted therapies - recommended</i>)	PSL 828: Cellular and Integrative Physiology I Elective
2	PSL 829: Cellular and Integrative Physiology II PSL 950: <i>Topics in Physiology</i>	PSL 950: <i>Topics in Physiology</i> Potential elective (thesis work specific) Focus on research project (thesis)
End of year 2 – beginning of year 3	Committee selection Comprehensive Exam (written project proposal, research presentation, committee questions)	
3	PSL 950: <i>Topics in Physiology</i> Focus on research project	PSL 950: <i>Topics in Physiology</i> Focus on research project
4 and 5	Focus on research project	Focus on research project

Sample curricula:

Below are a couple of suggestions how 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 weekly PSL seminars

Students are allowed to take additional classes/courses as they fit into their research work and are approved by the mentor

Throughout their thesis work, students will be required to present their work twice a year to the PSL community – either in form of talks or posters

Students are encouraged to participate in PSL students initiated activities

Contacts:

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