



Doctor of Philosophy in Interdisciplinary Health Sciences Rehabilitation Sciences Sub Plan

Students must complete 24 credits in the interdisciplinary health sciences core—12 of which are dissertation credits—and must complete 36 credits in the sub-plan core. The minimum credit total in the program is 60 credits.

In the interdisciplinary health sciences core, students will be required to take all of the following courses:

- HSC 710 Seminar (1 credit, to be taken three times)
 - Example topics: global healthcare, health policy, health systems, health innovations
- HSC 799 Dissertation (12 credits minimum required)
 - Two committee members will be from faculty who are in other sub-plans.

In the interdisciplinary health sciences research core, students will be required to take three of five of the following courses:

- HSC 701 Interdisciplinary team science (3 credits)
- HSC 702 Translational research design (3 credits)
- HSC 703 Interdisciplinary grant writing for health sciences (3 credits)
- HSC 704 Statistics for health sciences (3 credits)
- HSC 705 Clinical trial design and analysis (3 credits)

Students must complete 36 credits in the rehabilitation sciences sub plan.

Sub-plan core coursework (21 credits):

- DPT 710 Neuroplasticity (3)
- DPT 711 Pathobiomechanics (3)
- DPT 712 Physiological bases of rehabilitation (3)
- DPT 713 Genomic and regenerative rehabilitation concepts (3)
- Must take at least 3 additional graduate level courses (9 credits) relevant to course of study

Research core (12 credits):

- DPT 702 Critical appraisal and synthesis of research in rehabilitation (3)
- DPT 703 Measurement theory and outcomes in rehabilitation (3)

- Must take at least 2 additional graduate level statistics courses (6 credits)

Pedagogy core (3 credits):

- Must take at least one pedagogy class from College of Education (examples: EDH 733, EDH 742, EDH 627, EDW 733, EDW 747, EPY 712, EPY 757, EPY 767, EPY 777, CIT 608, CIT 643, CIT 647, CIT 648, CIT 653, CIT 667, CIT 669, CIT 778)