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 711 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 nursing sub plan.

- NURS 709 Teaching and Learning (3)
- NURS 771 Theory Development in Nursing (3)
- NURS 772 Nurse as Leader (3)
- NURS 775 Statistical Methods for Nursing Research I: Univariate Methods (3)
- NURS 780 Quantitative Research Methods in Nursing (3)
- NURS 781 Qualitative Research Methods in Nursing (3)
- NURS 739 Bio-behavioral approaches in nursing research (3)
- NURS 747 Laboratory immersion for knowledge development in nursing (2)
- NURS 741 Bio-behavioral mechanism, pathways and measurements (4)
- NURS 746 Scholarly project applying biobehavioral concepts (3)
- NURS 785 Special Topics in Nursing Research/research elective (3)
- NURS 789 Independent study/Elective course in research (3)