

## Sponsor Information for the Information Sciences Hybrid PhD program (curriculum 473)

### IS Department PhD Committee

#### Required coursework for curriculum 473

The 473 curriculum consists of four required courses and a fifth area that may be chosen by the student. Occasionally in the past, the fifth area has been covered by a regular course taught just like the four required courses. The four required courses are taught sequentially throughout the year; since none is a prerequisite for any other, the scheduling of each course depends upon both student demand and instructor availability. If a fifth course is desired or required, it will be scheduled along with the four required courses. NPS policy is that instructor costs for all courses must include sufficient time for the instructor to refresh the contents of that course. The exact amount that NPS must charge for each DL course is based upon the NPS tuition rate charged to full-time USA and USAF officer students. This amount increases over time in line with increases to the NPS tuition rate. The per-course cost covers the instructor's required time and travel (see below). The student (or the student's sponsoring command) is responsible for any other costs associated with the course (textbooks, etc.), including a laptop computer that meets NPS network connection requirements (NPS ITACS determines such requirements, not the IS Department).

#### NPS requirement for continuous enrollment

NPS requires all PhD students to be continuously enrolled; this means that students must be signed up for at least one course from the beginning of their program until completion of the dissertation and graduation. The 473 curriculum accomplishes this requirement two ways: first, we expect the student to be registered for the IS PhD Seminar, IS4790, from the time of first enrollment until the student has selected a dissertation topic and dissertation committee and both are approved by the IS Department PhD Committee. Second, once the student has an approved dissertation topic and committee, the student is enrolled in IS5810, a dissertation research course. NPS charges minimal tuition for students enrolled in either IS4790 or IS5810. Again, the amount increases over time in line with the NPS full-time tuition rate.

#### On-campus requirements

During the four (or five) quarters in which students are taking the required courses, the first full week of each class will be taught in-residence at NPS (this on-campus week will occur during the first or second week of the NPS academic quarter). The students' presence on campus also gives them time to take care of necessary business with various admin offices on campus as well as provide time for important academic-socialization meetings with faculty. Following that first week, the class will meet virtually

according to a schedule agreed to by students and instructor. The instructor typically teaches these virtual classes from one of the NPS on-campus VTE rooms; if required, Teams or Zoom may be used. In pre-COVID times, the instructor travelled to the distant location to provide a day of instruction face-to-face two to three times during the quarter; whether and when that will continue will require significant coordination among NPS and students' commands.

#### Miscellaneous financial information

Commands must MIPR tuition to [tuition@nps.edu](mailto:tuition@nps.edu). Tuition for Fall Quarter in FY2n must be sent as a Project Order during August/September (of FY2(n-1)) with a funds-expiration date of 31 December 2(n-1). Funds for all other quarters should be sent with a funds-expiration date of 30 September 2n. Exact amounts for transferring can be verified with the Chair, IS Department PhD Committee.

#### Core Courses

The four required courses average 4 contact hours per week. Depend on design and circumstances, this might be 4 hours every week or eight hours every other week. The IS4790 seminar runs each quarter and typically meets virtually over two lunch hours each week.

<b>Course Number</b>	<b>Title</b>	<b>Contact Hours per Week (on average)</b>
IS4700	Introduction to the Philosophy of Science	4
IS4710	Qualitative Methods for Research	4
IS4720	Quantitative Methods for Research	4
IS4730	Design of Experiments for Research	4
IS4790	Research Seminar for Ph.D. Students	2

Students who have taken the equivalent of these courses may waive one or more of these core requirements with the approval of the Departmental Ph.D. Committee.