**Honours Integrated Science**

Honours Integrated Science (iSci):
- 4 year research-based program
- Students learn essential scientific concepts & skills
- Relevance to range of science disciplines
- Project-based exploration of topics & themes

**Stretching the Boundaries of Instruction**

Administration includes allocation & timetabling of teachers, class scheduling, allocation of lab & class resources, and room assignments.

Boundaries:
- Coordination of class & lab delivery
- Coordination of multiple instructors
- Coordination across multiple departments
- Accurate recognition & reporting of instructional roles
- Resource allocation in lab & classroom

Regular team meetings ensure fair allocation of instructional time as well as resource allocation to laboratories & classroom activities.

Instructors receive recognition for an ‘equivalent’ number of units to a ‘normal’ course for tenure & promotion purposes.

**Breaking the Boundaries of Long-term planning**

Long-term planning is essential to the survival of this program. Boundaries that could inhibit this include:
- Traditional timetabling
- Traditional recognition of teaching load
- Traditional allocation of resources within and across Faculties
- Traditional curriculum planning

We stretch the boundaries of long-term planning in many ways:

**Instruction**:
- Communication between departments and understanding of contributions to this program
- Communication & coordination across departments for teaching assistants
- Communication & coordination across departments for laboratory and field equipment
  - Sharing of equipment & space across departments and courses

**Resource allocation**:
- Cross-program and cross-department appointments of staff and instructors

**Pedagogical innovations**:
- Creation of new courses across Faculties that offer experiential and community-driven opportunities
- Creation of co-curricular Leadership and Mentorship opportunities for students
- Creation of a longitudinal program of research to understand the success of this program

**Crossing the Boundaries of Student Records**

Administration of student records in this interdisciplinary program requires:
- Continuous tracking and clear communication of course equivalencies
- Interaction between students, departments and administration
- Communication within the institution
- Communication with external stakeholders

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**Meeting pedagogical needs within a University system**

Pedagogical innovation may be suppressed by inflexible administrative systems & rigid boundaries such as:
- Instruction
- Student Records
- Long-term planning

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**Key Players in the System**

- Scheduling Team
- Admissions Team
- iSci Core
- Dean & Chairs
- iSci Instructors & students