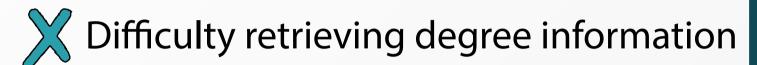
INTELLIGENT COURSE SCHEDULER



The Problem

We discovered that a majority of university students encountered difficulties when selecting and scheduling their courses.











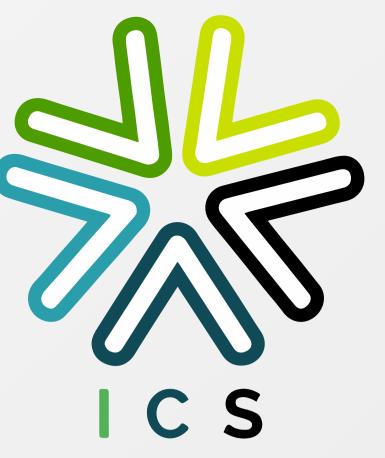
Drag and Drop

A remarkably simple experience for adding and reorganising courses.



Track Degree Progress

Automatically checks course prerequisites and availability, major/minor requirements, and degree requirements to help the student schedule.





User Testing

We asked students to test our product and acted on their feedback to improve user experience

Define

Pro

Problem Scope

Using expert inteviews, surveys and a univeristy wide poll we narrowed down the scope of the problem



80% of students prefered a website as their platform of choice for course scheduling



84% of students choose elective courses based on personal interest



65% of course selections are influenced by relevance to degree

Prototype

Intelligent Search System for Degree Planner



We ensured that our search understands general concepts and ideas so that students can find courses based on their interests



Enhanced Indexing

We developed a superior search ranking, retrieval and filtering system.



Question and Answer

We used AI to answer common degree planning questions, making degree planning less confusing

Test

Deep Learning

The scheduler uses a deep neural network to provide reasoning for course recommendations. Degree recommendations constantly improve as more students schedule their degrees.

Create Impact

For the first time, students have a complete system which helps them to find the courses they are interested in, schedule their entire degree, and ask questions. All without the help of university staff.

