

Visual Grad Plan

Initial Project Requirements

Usage Model: Collection of Features

- Add and remove the semesters you will be active at KU
- Select your major (only Computer Science in prototype)
- Drag-and-drop courses into semesters from bucket of available courses
- Location to place courses transferred from other schools
- Automatically draws arrows between courses to visualize pre/corequisites
- Show the total credit hours in each semester
- Highlight invalid placements, excessive hours, and other potential concerns
- Ability to print final schedule

Initial Domain Model

Course class:

- Course code (EECS 448)
- List of prerequisites
- List of corequisites
- Is offered in fall/summer/spring booleans
- Credit hours int

EECS Course class:

- Extends Course class
- Upper level eligibility boolean

EECS Senior Elective class:

- Extends EECS class
- Is one of the required 2/3 boolean

Semester class:

- Fall/Summer/Spring Enum
- Year int
- List of Course codes placed in the semester

Plan class:

- Major
- List of Semester objects
- List of transfer/exempt courses

Major class:

- List of required classes
- List of available electives
- Credit hour requirements

User Interface Model

Available courses

AE 41 (3)	other senior elective
AE 42 (3)	other senior elective
Prof Elec	
other senior elective	

Transfer/Exempt

ENGL 101
GE 3H
Add. GE 3H

