

McGill ECSE Degree Visualizer User Manual

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Accessing the prototype

The prototype for the “McGill ECSE Degree Visualizer” can be found on Figma by accessing the following link: <https://soft-semifreddo-caabe9.netlify.app/>

Documentation

Main Menu

The opening webpage for the software is the main menu. There are three options: Login, Create Account, and Programs & Curricula. For users who have previously made accounts, they may simply login. Otherwise, users should create an account in order to access the full functionality of the software. The “View Majors and Minors” option is useful for prospective students or students simply looking for information about the different ECSE programs and would not like to go through the process of creating an account.

MCGILL UNIVERSITY ECSE DEGREE VISUALIZER

VIEW MAJORS AND
MINORS

LOGIN

CREATE ACCOUNT

Login

Email and password are required for login. Users will be able to access their accounts if they input the correct information. The Back button takes the users back to the previous page. This behaviour is the same for all pages.

MCGILL UNIVERSITY ECSE DEGREE VISUALIZER

< < BACK

LOGIN

Create Account

In order to create an account, users should input their information and submit it.

MCGILL UNIVERSITY ECSE DEGREE VISUALIZER

< < BACK

CREATE ACCOUNT

Degree Visualizer

The degree visualizer is the main part of the system. The software allows users to organize and plan out the courses they will take over time, all while keeping track that all requirements are met (i.e. total credits achieved, pre/co-requisites,...)

The screenshot shows the 'DEGREE VISUALIZER' interface. At the top, there is a hamburger menu icon and a '<< BACK' button. Below the title, a 'VIEW PROGRAMS' button is on the left, and a progress bar shows '70/140 Credits'. The main area contains a table with three columns: 'WINTER 2021 17 credits', 'SUMMER 2021 16 credits', and 'FALL 2021 15 credits'. The 'SUMMER 2021' column contains a course block for 'MATH 141' with a '+ ADD COURSE' button. The 'FALL 2021' column contains a course block for 'PHYS 142' with a '+ ADD COURSE' button. Below the table, there is a '+ ADD SEMESTER' button and a 'SAVE' button.

This is where the main functionality lives. Users can see how much of their degree is completed with the progress bar.



The table headers outline the credits that will be completed in each semester. The rows can be minimized and maximized for better viewing.

WINTER 2021 17 credits ▲	SUMMER 2021 16 credits ▲	FALL 2021 15 credits ▲
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New blocks can be added to the table with the following button:

+ ADD SEMESTER

Courses can be added to each semester with the following buttons:

+ ADD COURSE

The degree majors and minors can be set using the following button: (This will open a separate webpage)

Program Requirements

Changes made to the degree can be saved by clicking the following button:

SAVE

Degree Options

Users will be able to select their preset majors and minors via the degree options page and view their respective curricula.

MAJORS & MINORS

< < BACK

VIEW ECSE MAJORS

VIEW ECSE MINORS

VIEW NON-ECSE MINORS

Users without accounts or are not logged in will also be able to access this page through the “View Majors and Minors” button on the main menu. However, functionality will be limited and there is no access to any personal information.

Options Menu

There are several possible options for users that become available with the Options Menu dropdown. Users can navigate to the majors and minors page from here, return to the degree visualizer, edit their profile, or logout.

