Requirements:

1. The program must be a Google Chrome extension.
2. The program should be able to navigate through the degree audit and summarize the most important sections.
3. The program must be able to access course descriptions and course requirements based on the course ID.
4. The program should be able to recommend courses that will fulfill specific requirements needed for graduation.
5. The list of all courses should be stored for the program to access.
6. The program should be able to guide a user to the Lionpath login if the user has not already logged in.
7. The program should be able to be used by Computer Science and Math majors, with the capability to be adapted to other majors in the future.
8. The program needs to be able to give the user a list of courses that still need to be completed.
9. The program should have a search capability to quickly answer typical questions concerning the student’s major.
10. The program must have an intuitive GUI and options menu to allow users to select the features they desire.
11. The program should be able to automate LionPath navigation.
12. The program should utilize web scraping techniques to acquire the user’s information for analysis.