

COMP 3005 Project Proposal
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Background:

The database I am proposing is looking at the number of courses a student takes each semester and see if having a higher course load contributes to a lower overall GPA for that semester, we will also analyze the level of stress and positive and negative effects of taking more or less courses. I had this idea after hearing many people suggest that taking less courses a semester yields better grades in the long term.

Application Requirements:

- 1) Will acquire data from a group of 20-30 students asking how many courses they took a semester and compare it to the GPA they got that semester
- 2) Database of how long it takes for an average student to finish university
- 3) Database of how many students drop out of a program after each school year
- 4) The application of this project is to determine the correlation between course load and GPA and determining if it is a direct correlation or if there are external factors in play.
- 5) Database of the number of courses each person takes based on what program they are in.
- 6) The data will look at the data from each student from there first semester to there last semester with final grades
- 7) The application will be web based with user interaction with any popular browser.

Due Diligence:

There are no copyright issues involved with this project as the information will be received voluntarily by the participants.

Documents:

<https://link.springer.com/content/pdf/10.1023%2FA%3A1018712527023.pdf>