In implementing the bachelor of arts degree, along with its major geography and theatre studies, we had to restructure the degree hierarchy such that degree is at the top followed by honours and general, followed by the various degree titles (BCG, BCH, etc), and then finally the degree major (CS, SENG, GEOGH).

This restructuring required the access modifiers of certain variables and methods to change from public/private to protected in order to allow inherited classes to use them. Also, to prevent repetition of code. This efficient design has allowed us to quickly make adjust based on the requirements of each individual major, title, and degree depending on what they have in common as well as where they differ. Please see our fully implemented code for reference.