

Graduate school is an opportunity to further your career by obtaining a Master of Science or Doctor of Philosophy degree. Most advanced degrees are research-based degrees; and often the more basic sciences in your undergraduate program, the better your preparation. If you are considering going to graduate school after your B.S. degree, visit with your advisor as soon as possible. More challenging courses can often be substituted for lower-level courses. You can further improve your preparation by substituting more advanced upper-level courses or by using free electives to take challenging basic science courses.

To go to graduate school, you'll need good letters of recommendation and a strong academic background. The agronomy core plus option choices give students a well-rounded understanding of agronomy, and students may enter graduate school with this preparation. Entrance into graduate school is competitive, however, and good grades in more challenging courses may improve competitiveness. Students may wish to consider some of these substitutions or suggestions. If you know the field in which you wish to enter for an advanced degree, you are encouraged to visit with a graduate faculty member in that field for advice on best preparation. Also, if interested in going to graduate school, you are encouraged to get experience working in a research laboratory.

## Substitutions to Consider

### Agronomy Requirement

English Choice (300+)  
Chem 163 & 163L or Chem 177 & 177L  
Chem 231 & 231L or BBMB 221  
Geol 100  
Phys 106 or Phys 111  
Math 140  
Agron 206

### Higher Level Substitution

Engl 314  
Chem 177 & 177L and Chem 178 & 178L  
Chem 331 & 331L and Chem 332 & 332L  
Geol 201  
Phys 221 and Phys 222  
Math 181 (or Math 165) and Math 182 (or Math 166)  
Mteor 301

## Additions to Consider

### Biological Sciences

BBMB 404  
Biol 212 & 212L  
Biol 314 & 314L  
Biol 330 & 330L  
Micro 302 & 302L

### Physical Sciences

Chem 211 & 211L  
Geol 311  
Geol 479  
Mteor 404  
Mteor 405  
Mteor 406

### Mathematical Sciences

Math 265  
Math 266  
Math 267  
Stat 401