TYPICAL "PREMED" [PREDENT/PREVET] SCHEDULE FOR BIOLOGY MAJOR:

IMPORTANT: NO MATTER WHAT YOU MAJOR IN, PLEASE SEE ONE OF THE PREMEDICAL ADVISORS EVERY SPRING, BEFORE REGISTERING FOR FALL COURSES!!!

FRESHMAN:
Fall: Bio 150, Spring: 151
*NOTE: IF you have A.P. credit for bio, chem., or math, AND you are confident you can handle the work load, you can discuss adding chemistry 123 and 124 in your freshman year.

SOPHOMORE:
Fall: Bio 212 [Genetics and Molecular], Spring: 214 [Cell]
Chem 123, 124 [General Chemistry; or you can take the summer after freshman year]
*NOTE: We recommend, but do not require that you take physiology prior to taking the MCATs. To fit it in, you'll need to take summer school one summer [after freshman or soph year], or take 3 labs in the fall of your junior year.

OPTIONAL: SUMMER SCHOOL AFTER SOPHOMORE YEAR:
2 sessions of physics, or 2 sessions of organic chemistry

JUNIOR YEAR:
All of these that you have not yet taken:
2 physics, 2 organic chemistry, Bio 342 - Physiology [fall; recommended but not required]
Consider taking Kaplan review for MCAT [sign up by December 15!]; Take MCATs in May [register in February]

SENIOR:
Apply to med schools by September 1.
You also need:
- At least 1 philosophy course; we suggest critical reasoning [phil 206], philosophy of science [phil 223], or science & religion [phil 225] taken as early in your education as possible.
- Math: Only 1 semester is required for the SC medical schools. But to keep your options open, we recommend two semesters of college level math, preferably one semester of calculus and one of statistics.
- 6 upper level biology electives. Two may be 3 credit courses; four must be with labs. Take these after completing bio 214.
- Some knowledge of computers is necessary. We suggest computer science 101 if you don't know how to use them.
- Clinical experience; usually during interim of your sophomore or junior year, assuming you have a 3.3 GPA or better.

RECOMMENDED BIO ELECTIVES [You’re NOT limited to these. Take whatever interests you, but these might be particularly “useful” for med school]:

| MOLECULAR: | Bio 421, 436 | ADVANCED CELL: | Bio 433 [or biochemistry!] |
| HISTOLOGY: | Bio 344 | PHYSIOLOGY: | Bio 342 |
| IMMUNOLOGY: | Bio 423 | ANATOMY: | Bio 340 |
| MICROBIOLOGY: | Bio 324 | CASE STUDIES, and CURRENT ISSUES IN BIOLOGY |

PLEASE SEE ONE OF THE HEALTH CAREER ADVISORS EVERY SPRING!

Medicine: Dr. Robert Moss, Dept of Biology & Dr. John Moeller, Dept. of Biology
203 Milliken Science Hall & 203 Milliken Science Hall
597-4623 & 597-4620
Email: mossre@wofford.edu & Email: moellerjf@wofford.edu

Dentistry: Dr. Charley Bass
306 Milliken Science Hall
597-4631
Email: basscg@wofford.edu

For more information on premedical advising, go to: http://webs.wofford.edu/mossre/hc/
For predental advising information: http://webs.wofford.edu/basscg/predent.htm

SCHEDULE FOR CHEM MAJORS ON OTHER SIDE
TYPICAL "PREMED" [PREDENT/PREVET] SCHEDULE FOR CHEMISTRY MAJOR:
IMPORTANT: NO MATTER WHAT YOU MAJOR IN, PLEASE SEE ONE OF THE
PREMEDICAL ADVISORS EVERY SEMESTER, BEFORE REGISTERING FOR COURSES!!!

FRESHMAN:
Fall: Chem 123 [General], Math 181
Spring: Chem 124 [General], Math 182 and Bio 214 [Cell]

SOPHOMORE:
Fall: Chem 203 / 203L[Organic], Physics 121 or 141, and Bio 212 [Genetics]
Spring: Chem 204 / 204L[Organic], Physics 122 or 142, and Bio 214 [if haven’t already taken it]
* Note: You can ease your load by taking organic or physics the summer after your freshman year!

JUNIOR YEAR:
Fall: Chem 313 and 313L, Bio 342 [Physiology], and Chem 360 [Chemical Information]
Spring: Chem 214 and 214L; and one of the following three: Chem 308 / 308L, 314 / 314L, or 323 / 323L.
Consider taking Kaplan review for MCAT [sign up by December 15!]; Take MCATs in May [register in February]

SENIOR:
Chem 309 and 309L AND Chem. 411 / 411L, OR chem. 421 / 421L
Apply to med schools by September 1.

You also need:
- At least 1 philosophy course; we suggest critical reasoning [phil 206], philosophy of science [phil 223], or science & religion [phil 225] taken as early in your education as possible.
- If possible, we recommend you take 4 biology classes in all: 212, 214, 342, and either 340 or 111.
- Some knowledge of computers is necessary. We suggest computer science 101 if you don't know how to use them.
- Clinical experience; usually during interim of your sophomore or junior year, assuming you have a 3.0 GPA or better.
- Other recommended electives: Bio 344 (histology), bio 324 (microbiology), bio 423 (immunology)

PLEASE SEE YOUR ADVISOR, DR. BASS, EVERY SEMESTER!
Dr. Charles Bass, Dept. of Chemistry
597-4631
Email: basscg@wofford.edu

SCHEDULE FOR BIOLOGY MAJORS ON OTHER SIDE
Plan on Entering a Health Career?

Recommendations for Students Planning to Enter Medical, Dental, or Veterinary Medical Schools:

These schools, rightly or wrongly, are placing emphasis on your GPA and the standardized testing scores, MCAT for medical school, DAT for dental, and VCAT for veterinary school. Therefore:
- Keep your GPA up. We consider 3.2 a minimal acceptable GPA to apply to the SC medical schools, but obviously the higher you go, the better your chances. It is good to do volunteer work and to be active on campus, but don't over do it. If your GPA suffers too much, so will your application to medical or dental school.
- To be a strong candidate, you want to get your MCAT/DAT/VCAT score as high as possible. Almost all premed students are using some form of test preparation prior to taking the MCAT. Some use professional services (e.g., Kaplan) and some try to do it on their own. According to the Kaplan people 55% of all MCAT takers sign up for their course. If you want to compete, you have to play the game. That means, prepare before you take the test. You can obtain information on the Kaplan course by calling them at 1-800-KAP-TEST. The Kaplan course, like any other review procedure, requires a commitment of your time. Be certain you are willing to make this commitment before you spend the money for the course.
- Normally, you should take the MCAT / DAT / VCAT as soon as you have completed the necessary science courses (genetics, cell biology, physiology, organic chemistry, physics). [Physics is NOT required for the DAT; so pre-dental students can take this exam prior to completing physics]. Most students take these exams in May or June after the junior year. This gives you the opportunity to retake the exam, if your scores are below par. To do this you will need to take time during the spring semester to prepare for the test. We consider a 24 a minimal MCAT score to apply to the SC medical schools; however, you should keep re-taking the exam until you reach at least a 28 [which is the AVERAGE test score gaining admission to the SC medical schools].
- You should periodically review your record and discuss your progress with one of the health careers advisors. If you are not going to be competitive for medical school admission, you should be making realistic, alternative plans. We are all happy to assist in these considerations.
- We recommend, but do not require that you take physiology prior to taking the MCAT/DAT/VCAT. To fit it in, you'll need to take summer school one summer [after freshman or soph year], or take 3 labs in the fall of your junior year.