

## FIRST YEAR STUDENT ADVISING SHEET

MAJOR: **Chemistry - ACS approved, Chemistry Management, Secondary Education Certification, Chemical Physics, Forensic Science, Chemistry-Pre-medicine**

### COURSES REQUIRED BY THE MAJOR

#### First Semester

- Ch 105 – Fundamentals of Chemistry
- Ma 121 – Calculus I\* (see note 1)
- Bio 111 – Intro to Biological Science I\*\*

#### Second Semester

- Ch 113 – Organic Chemistry I
- Ma 122 – Calculus II

\*Satisfies Core Mathematics requirement.

\*\*This Biology course is not required for the Chemical Physics option

#### NOTES:

These courses begin a highly structured program coordinated among several departments and if not completed in the first year lead to delayed graduation or extraordinary difficulties for subsequent advisors.

1. Math placement will be determined by student's background and math SAT score. For the Chemical Physics track, competency must be through the Ma 222 level. For the other tracks, competency must be through the Ma 122 level. Ma 121 is a necessary prerequisite for Phy 200 in the fall semester of the sophomore year.
2. Students should refer to the check sheet for specific course requirements of the various curriculum tracks.
3. Students planning to apply to medical school should plan on taking Bio 112. The recommendation is to take it during the second semester of the first year.
4. Students interested in Secondary Education Certification should plan on taking Ed 105 and 151 early in their college careers. All other Education courses require these two as prerequisites. It is recommended that at least Ed 105 be taken in their first year.
5. EC 101 is a requirement for students pursuing the chemistry management option.

Students interested in Chemistry should contact Dr. Kristi Kneas, Department Chair, Musser Hall 100A, extension 1129.