

MATHEMATICAL AND COMPUTER SCIENCES DEPARTMENT

FIRST YEAR STUDENT ADVISING SHEET

MAJOR: **Actuarial Science**

COURSES REQUIRED BY THE MAJOR

First Semester

MA121 *Calculus I* (see note 1a)

AC101 *Introduction to Accounting*

Second Semester

MA122 *Calculus II* (see note 1b)

CS121 *Computer Science I* (see note 2)

NOTES:

- A student who achieved a score of 4 or better on the College Board Advanced Placement Calculus AB Examination receives credit for MA 121 Calculus I and should be placed in MA 122 *Calculus II* in the first semester and MA 222 *Calculus III* in the second semester.
 - A student who achieved a score of 4 or better on the College Board Advanced Placement Calculus BC Examination receive credit for both MA 121 and MA 122 and should take MA 222 *Calculus III* in the first semester and consider seeking permission to take MA201 *Linear Algebra* in the second semester see note #3 below). Credit will be given for both Ma 121 and for MA 122.
 - A student who achieved a score of 4 or better on the College Board Advanced Placement Probability and Statistics Examination will receive credit for a 3-credit course that substitutes for the MA 251 *Probability and Statistics* requirement.
- CS121 *Computer Science I* is required of all Actuarial Science majors, and should be taken during the first year.
- With the permission of the Chair of the Department of Mathematical and Computer Sciences, a first year student may take MA201 *Linear Algebra* during the second semester of the first year.
- Actuarial Science is a separate major from Mathematics. For information about the Mathematics major (with optional concentrations in Pure Mathematics, Applied Mathematics, or Secondary Education), consult the advising sheet for the Mathematics major.
- Students considering Actuarial Science or Mathematics majors should **not** take MA 105 *Mathematics for Liberal Studies* or MA 117 *Concepts of Calculus*.

Students interested in Mathematical Sciences should contact Dr. James Hughes, Chair of Mathematical and Computer Sciences, by e-mail at hughesjr@etown.edu.