FIRST YEAR STUDENT ADVISING SHEET

MAJOR: Actuarial Science

COURSES REQUIRED BY THE MAJOR

First Semester
● MA 121 Calculus I (see note 1a)
● AC 101 Introduction to Accounting
● MA 170 Introduction to Mathematical Problem-Solving

Second Semester
● MA 122 Calculus II (see note 1b)
● CS 121 Computer Science I
● MA 262 Financial Mathematics with Excel

NOTES:

1. a. A student who achieved a score of 4 or better on the College Board Advanced Placement Calculus AB Examination should be placed in MA 122 Calculus II in the first semester and MA 222 Calculus III in the second semester. Credit will be given for MA121 Calculus I.

b. A student who achieved a score of 4 or better on the College Board Advanced Placement Calculus BC Examination should take MA 222 Calculus III in the first semester and consider taking MA201 Linear Algebra in the second semester. Credit will be given for both Ma 121 and for Ma 122.

c. 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 MA 251 Probability and Statistics.

2. Actuarial Science is a separate major from Mathematics with a separate advising sheet; consult that sheet for required first year courses for the Mathematics major.

3. Students considering an Actuarial Science major should not take MA 105 Mathematics for Liberal Studies or MA 117 Concepts of Calculus.

4. All Actuarial Science majors should take a math course every semester, even if they have AP or transfer credit for one or more calculus courses.

5. A C- or better is required to advance from MA 121 to MA 122 and from MA 122 to MA 222.

Students interested in Actuarial Science should contact Tim McDevitt, Chair of Mathematical and Computer Sciences (McDevittT@etown.edu, 717-361-1337).

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