MATHEMATICS OPTION

Mathematics Option, Liberal Arts AA (MATH-AA)

Communications Area		**6 Credit Hours**
ENC 1101	English Composition I	3
ENC 1102	English Composition II	3

Humanities Area	**9 Credit Hours**
Visual and Performing Arts (See General Education Requirements)	3
+*Philosophy/Religion (See General Education Requirements)	3
+*Literature (See General Education Requirements)	3

Mathematics Area		**8 Credit Hours**
MAC 2311	Calculus/Anal Geometry I	4
MAC 2312	Calculus/Anal Geometry II	4

Natural Sciences Area	**6 Credit Hours**
Physical Science (See General Education Requirements) - Note core classes below	3
Biological Science (See General Education Requirements) - Note core classes below	3

Social Sciences Area	**9 Credit Hours**
Behavioral Sciences (See General Education Requirements)	3
History (See General Education Requirements)	3
Government (See General Education Requirements)	3

Additional Common Prerequisites		**10 Credit Hours**
COP 1000	Intro Prgrm Logic	3
MAC 2313	Calculus/Anal Geometry III	4
MAP 2302	Differential Equations	3
Students must take a science course designed for science majors, with the accompanying lab.		Additional 1-2

Therefore, select one of the following three options to satisfy the Natural Sciences requirement. Option 1 is recommended for FSU-bound students.

Option 1:

•+*PHY2048, University Physics I, 4 crs. (approved biological science)
+PHY2048L, University Physics I Lab, 1 cr.

Option 2:

•+*CHM1045, General Chemistry, 3 crs. (approved biological science)
+ CHM1045L, General Chemistry I Lab, 1 cr.

Option 3:

•+ BSC2010, Biology for Science Majors I, 3 crs. (approved physical science)
+ BSC2010L, Biology for Science Majors I Lab, 1 cr.

Recommended Electives:

+COP2224, Introduction to C++ Programming, 3 crs. (Prior to enrolling in +COP2244, the student should consult with their advisor and/or with their desired four-year school(s), to obtain guidance about whether the course will count toward computer programming requirements at the four-year school.

• General Education Core. Students must complete at least one identified core course in each area of study— Communications, Humanities, Mathematics, Natural Sciences, and Social Sciences—as part of the general education course requirements.

+ Prerequisites and/or corequisites required. See course descriptions.
* Minimum grade of "C" required.
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