

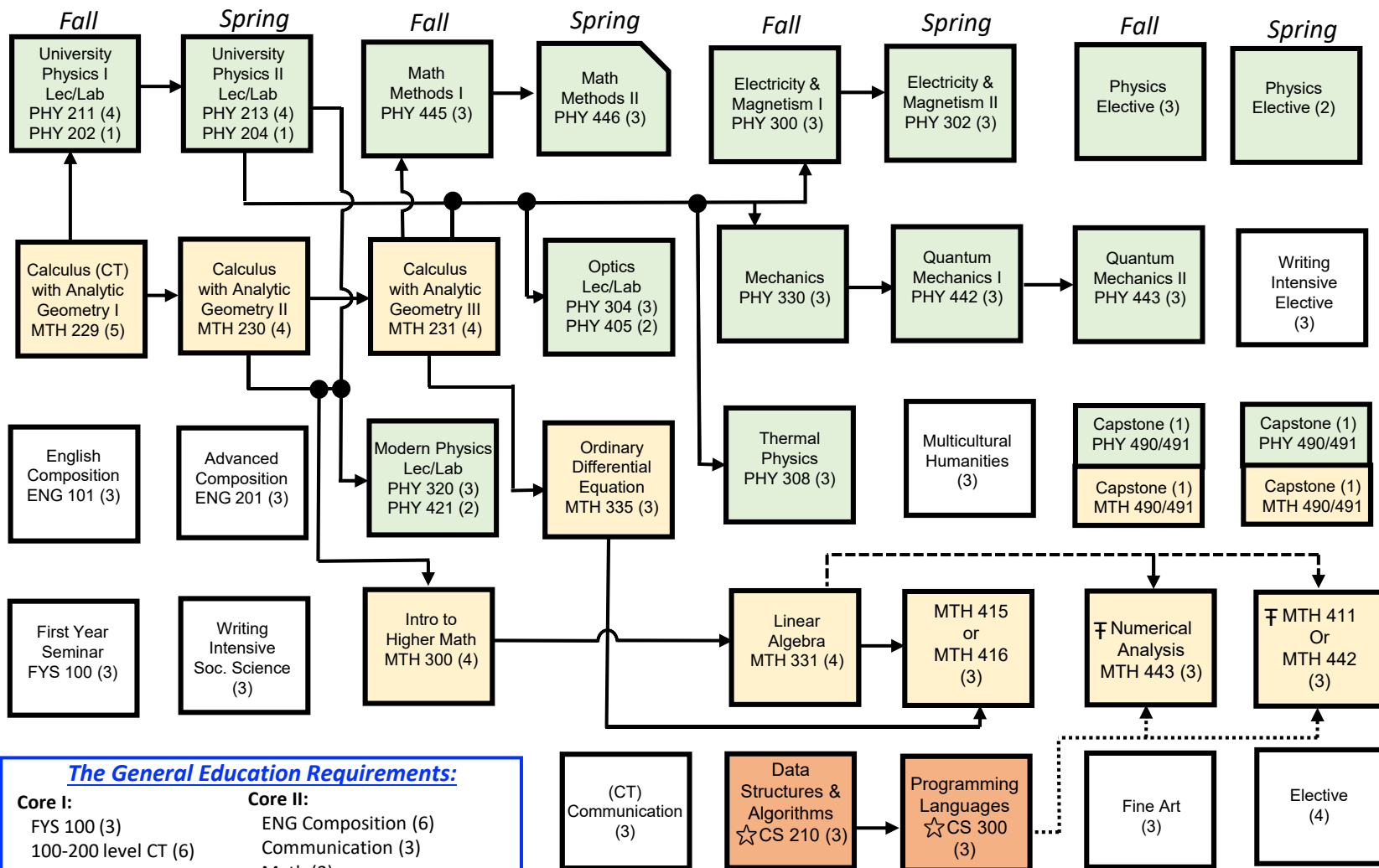
Dual Major in Physics & Applied Math : Sample Curriculum (Revision 5-25-17)

First Year

★Second Year

★Third Year

★ Fourth Year



★ Advanced physics courses are offered every two to three semesters; check with the Physics Department for availability.

• This is a sample curriculum only, the order of courses you take could be different depending on your year of entrance.

• All students must take more than 2 credits hours of capstone research

Course name
Course number
(credits)

Course requires
a pre-requisite
(arrow enters
from side)

Not required
but strongly
recommended

Required
course

Total Hours:
120

If you have questions or find inconsistencies, please contact
Dr. Sean P. McBride
mcbrides@marshall.edu

16 credits

15 credits

16 credits

14 credits

16 credits

15 credits

14 credits

14 credits

(☆ Either fulfills CS 205 offered every spring. 205 is a minimum requirement. CS 210 & CS 300 are recommended.)
‡ MTH 443 and (MTH 411 or MTH 442) can be replaced by MTH 445 and MTH 446. MTH 445 and MTH 411 have only MTH 231 as a Prerequisite. MTH 335 is a prerequisite for both MTH 415 and 416. MTH 335 is not needed if MTH 445 and MTH 446 replace MTH 335 and (MTH 415 or MTH 416); however, currently MTH 335 is still a requirement of the Physics Department, thus the logical sequence to complete MTH 335 and (MTH 415 or MTH 416).