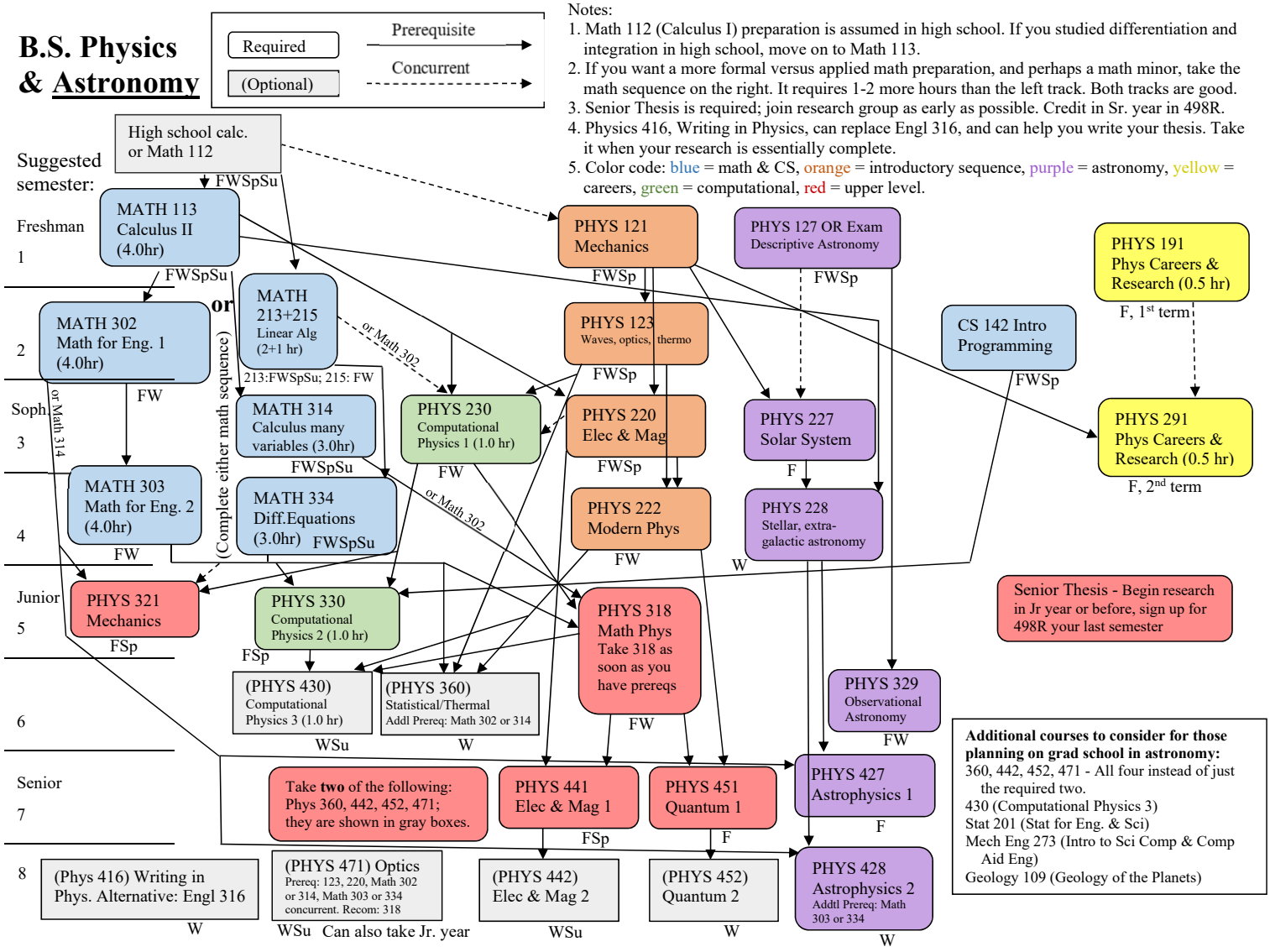
B.S. Physics & Astronomy



Notes:

1. Math 112 (Calculus I) preparation is assumed in high school. If you studied differentiation and integration in high school, move on to Math 113.
2. If you want a more formal versus applied math preparation, and perhaps a math minor, take the math sequence on the right. It requires 1-2 more hours than the left track. Both tracks are good.
3. Senior Thesis is required; join research group as early as possible. Credit in Sr. year in 498R.
4. Physics 416, Writing in Physics, can replace Engl 316, and can help you write your thesis. Take it when your research is essentially complete.
5. Color code: blue = math & CS, orange = introductory sequence, purple = astronomy, yellow = careers, green = computational, red = upper level.

Additional courses to consider for those planning on grad school in astronomy:

360, 442, 452, 471 - All four instead of just the required two.
430 (Computational Physics 3)
Stat 201 (Stat for Eng. & Sci)
Mech Eng 273 (Intro to Sci Comp & Comp Aid Eng)
Geology 109 (Geology of the Planets)