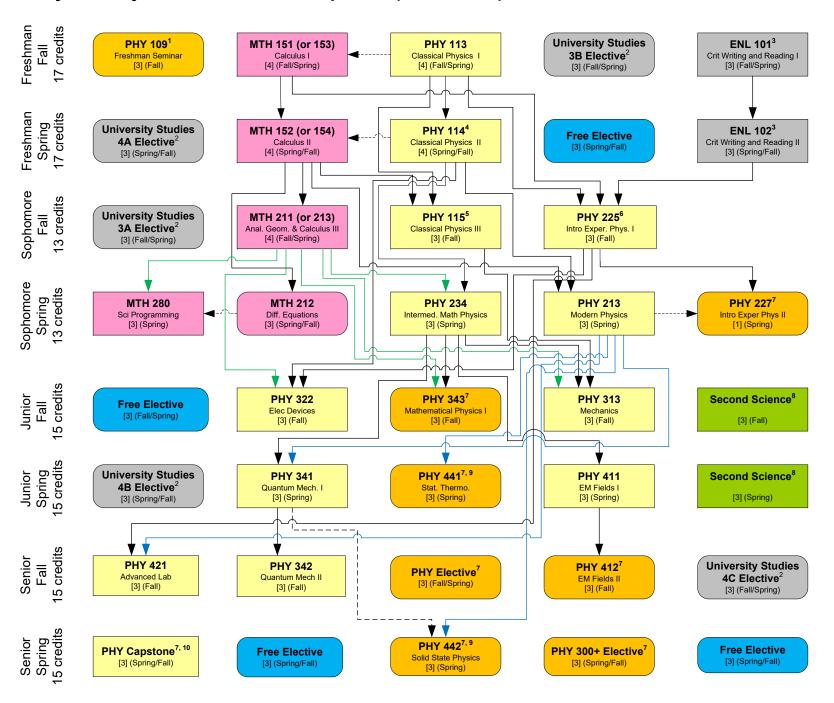
## UMass Dartmouth Physics Major Recommended Sequence (120 credits)



- <sup>1</sup> PHY 109 satisfies University Studies Cluster 1E.
- <sup>2</sup> University Studies courses must be selected from approved courses in Cluster 3 and 4. These course selections should be discussed with your academic advisor.
- <sup>3</sup> ENL 101 and ENL 102 satisfy University Studies Cluster 1A & 1B.
- <sup>4</sup> PHY 114 satisfies University Studies Cluster 2A.
- <sup>5</sup> PHY 115 satisfies University Studies Cluster 2B.
- <sup>6</sup> PHY 225 satisfies University Studies Cluster 1C.
- <sup>7</sup> Taken as a Physics Elective. These courses should be discussed with your academic advisor
- <sup>8</sup> A minimum of 6 credits in a second science, mathematics, or engineering. Courses from BIO, BNG, CHM, CIS, CEN, ECE, MNE, MTH, or Astrophysics (PHY 252 & PHY 363) which satisfy the major requirements for that department may be selected. These courses must be approved by your academic advisor.
- <sup>9</sup> PHY 441 & PHY 442 are offered on an alternating basis.
- <sup>10</sup> An approved Capstone Study to satisfy University Studies 5A & 5B.
- Pre-requisite --- Co-requisite