MATHEMATICS General Curriculum

2009-2011

4/9/2013

The following plan is just one EXAMPLE of how to schedule classes to graduate in 4 years. Other schedules may be equally valid. Be sure to check prerequisites and the Course Offerings by Quarter List. Work with your advisor to develop a plan that meets your needs. Use your Degree Progress Report (DPR) as a checklist for meeting degree requirements.

FRESHMAN SOPHOMORE JUNIOR **SENIOR** Fall Winter Fall Winter Fall Winter Fall Winter Quarter Spring Spring Spring Spring MATH MATH MATH **MATH 206** MATH MATH/CSC/ MATH MATH/CSC/ MATH MATH MATH Maior MATH TRACK³ PHYS/STAT PHYS/STAT TRACK³ TRACK³ 141 142 143 241 (4) 242 412 (4) (4) (4) Elec.4 Elec.4 (4)(4) (4) (4) (4) (4) (4) (4) MATH/CSC/ MATH 248 MATH MATH MATH MATH MATH MATH MATH TRACK³ TRACK³ PHYS/STAT TRACK³ 202 (4) 459/460 481 306 Elec.4 (1) (4) (4) (4) (4) (4) (4) (4) PHYS STAT MATH 462 CSC PHYS MATH MATH 101/235² 132/133² 141² 301/325 (2) 336 461 (4) (4) (4) (2) (4) (4) GE^1 GE^1 GE^1 GE^1 GE^1 GE^1 GE^1 GE^1 GE^1 GE^1 GE^1 GE and GE^1 **Electives** A1/A2 A1/A2 А3 (4)(4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) GE^1 GE^1 Elective⁵ Elective⁵ Elective Elective⁵ (3) (4) (4) (8) (4) (4) Units 16 16 12 16 16 16 16 16 16 12 14

Specific General Education (GE) courses are required for graduation. You must take one course from each of the following areas: A1, A2, A3; B2; C1, C2, C3, C4, C1-4 elective; D1, D2, D3, D4, D5; F. Check PASS or the Cal Poly Catalog for specific prerequisite requirements.

²The PHYS/CSC course sequences may be taken in either order depending on your interests.

³ Choose three tracks from the following list, with at least one track from the first two tracks listed: MATH 413 and 414; MATH 406 and 482; MATH 304 and 404; MATH 335 and 435; MATH 344, and 416 or 418; MATH 350, and 341 or 344; MATH 408 and 409; MATH 437 and 453; MATH 440 and 441; MATH 442 and 443; MATH 451 and 452.

⁴ Select 12 units from the following: MATH 304, 335, 341, 344, 350, 404, 406, 408,409, 413, 414, 416, 418, 419, 435, 436, 437, 440, 441, 442, 443, 451, 452, 453, 470, 482; CSC/CPE 102, 103, 236, 349; PHYS 132/133, 211, 301, 302, 322, 323, 405, 408; STAT 301, 302, 325, 425, 426, 427.

⁵ Electives - 15 units required - Advanced Placement elective credit (not being used toward course credit) may be applied to this category.