INTRODUCTORY REQUIREMENTS

Calculus: MATH 19A (FWS) ___ + MATH 19B (FWS) ___ + MATH 23A (FWS) ___

Advanced Calculus: MATH 23B (FWS) ___ OR PHYS 14 (*) ___

Physics: PHYS 5A/L (F) ___ + 5B/M (W) ___ + 5C/N (S) ___ + 5D (F) ___

NOTE: To declare Physics Education as a major, PHYS 5ABC must be completed with a 2.7 GPA

Statistics: AMS 5 (FWS) ___ OR AMS 7 (FWS) ___

Astronomy: ASTR 12 (W) ___ OR ASTR 13 (W) ___

Education: EDUC 50B (FW) ___ OR EDUC 50C (FW) ___

ADVANCED REQUIREMENTS 11 total including 2 labs

Mathematics: MATH 100 Introduction to Proof and Problem Solving (FWS) ___
MATH 128A Classical Geometry: Euclidean and Non-Euclidean (F) ___
MATH 181 History of Mathematics (W) ___

Physics: PHYS 101A Introduction to Modern Physics I (F) ___
PHYS 101B Introduction to Modern Physics II (W) ___
PHYS 133 Intermediate Laboratory (WS) ___

Adv Laboratories: ONE from the following...
PHYS 134 Physics Advanced Laboratory (WS) ___
PHYS 135 Astrophysics Advanced Laboratory: ASTR 135A (F) ___ + ASTR 135B (W) ___

Education: One from the following...
EDUC 100B CAL Teach 2: Mathematics (FS) ___
EDUC 100C CAL Teach 2: Science (FS) ___

Intro Teaching: EDUC 185L CAL Teach 3 (W) ___

Teaching: One from the following...
EDUC 185B Introduction to Teaching Mathematics (W) ___
EDUC 185C Introduction to Teaching Science (W) ___

Diversity: ONE from the following...
EDUC 128 Immigrants & Education (S)___
EDUC 141 Bilingualism & Schooling (WS)___
EDUC 164 Urban Education (*)___
EDUC 177 Teaching Diverse Students Math & Science (W) ___
EDUC 181 Race, Class, & Culture in Education (F)___

Electives: ONE from the following...
Any PHYS courses numbered above 100 ___
Any MATH courses numbered above 100 ___
Any ASTR courses numbered above 100 ___
Any EDUC courses numbered above 100 ___

COMPREHENSIVE REQUIREMENT

Senior Thesis Research: PHYS 195A (F) ___ + 195B (W) ___
Senior Thesis ___