PHYSICS EDUCATION B.S.  

Name: ________________________________  Date: ________________________________

(Quarter offered: F=Fall, W=Winter, S=Spring, *= Not offered this year)  
ID#: ________________________________

Note: Courses appearing more than one category may fulfill only one requirement.

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) ___

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) ___

Mathematics:  MATH 128A Classical Geometry: Euclidean and Non-Euclidean (F) ___

Mathematics:  MATH 181 History of Mathematics (W) ___

Physics:  PHYS 101A Introduction to Modern Physics I (F) ___

Physics:  PHYS 101B Introduction to Modern Physics II (W) ___

Physics:  PHYS 133 Intermediate Laboratory (W) ___

Adv Laboratories:  ONE from the following...

Physics:  PHYS 134 Physics Advanced Laboratory (WS) ___

Physics:  PHYS 135 Astrophysics Advanced Laboratory: ASTR 135A (F) ___ + ASTR 135B (W) ___

Education:  One from the following...

Education:  EDUC 100B CAL Teach 2: Mathematics (FS) ___

Education:  EDUC 100C CAL Teach 2: Science (FS) ___

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

Teaching:  One from the following...

Teaching:  EDUC 185B Introduction to Teaching Mathematics (W) ___

Teaching:  EDUC 185C Introduction to Teaching Science (W) ___

Diversity:  ONE from the following...

Diversity:  EDUC 128 Immigrants & Education (S) ___

Diversity:  EDUC 141 Bilingualism & Schooling (WS) ___

Diversity:  EDUC 164 Urban Education (*) ___

Diversity:  EDUC 177 Teaching Diverse Students Math & Science (W) ___

Diversity:  EDUC 181 Race, Class, & Culture in Education (F) ___

Electives:  ONE from the following...

Electives:  Any PHYS courses numbered above 100 ___

Electives:  Any MATH courses numbered above 100 ___

Electives:  Any ASTR courses numbered above 100 ___

Electives:  Any EDUC courses numbered above 100 ___

COMPREHENSIVE REQUIREMENT

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