



FORT HAYS STATE UNIVERSITY
COLLEGE OF
EDUCATION

PHYSICS PROGRAM COURSE REQUIREMENTS

<u>CORE COURSES</u>	<u>CREDIT HOURS</u>
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PHYS 111/111L Physics I /Physics I Lab OR PHYS 211/211L Engineering Physics I/Engineering Physics I Lab	5
PHYS 112/112L Physics II/Physics II Lab OR PHYS 212/212L Engineering Physics II/ Engineering Physics II Lab	5
PHYS 277 Early Field Experience: Physical Science Education OR Approved Equivalent	1
PHYS 309 Descriptive Astronomy	3
PHYS 353 Modern Physics OR PHYS 451 Atomic Physics	3
PHYS 432 A&D Electronics OR Approved Substitution	3
PHYS 606 Science Teaching Methods	2
PHYS 621 Mechanics OR Approved Substitution	3
PHYS 651 Adv. Lab OR Approved Substitution	3
PHYS 676 Apprenticeship in Physical Science Teaching	1

Cognates

BIOL 180 Principles of Biology	3
BIOL 180L Lab Experiences in Biology	1
CHEM 120/120L University Chemistry I/ University Chemistry I Lab	5
CHEM 280 Lab Teaching Techniques	1
GSCI 100 Intro to Geology OR Approved Substitution	3
GSCI 102 Intro to Geology Lab OR Approved Substitution	1
MACS 331 Calculus Methods (or equivalent)	