

BSc Major in Geophysics - Default Schedule

Fall Term - 1st Year

PHYS 144 - Newtonian Mechanics
MATH 144 - Calculus 1
MATH 125 - Linear Algebra 1
CHEM 101 - Chemistry I
GEOPH 210 - Earth/Planetary Physics

Winter Term - 1st Year

PHYS 181 - Relativity, E&M
MATH 146 - Calculus 2
MATH 225 - Linear Algebra 2
CHEM 102 - Chemistry 2
EAS 105 - Dynamic Earth

Fall Term - 2nd Year

PHYS 244 - Classical Mechanics I
MATH 214 - Calculus 3
MA PH 251 - Differential Equations

T/R: 14:00-15:20
W 12:00-12:50

T/R: 9:30-10:50
T,W,R,F 14:00-16:50

Winter Term - 2nd Year

PHYS 234 - Computational Physics
MA PH 351 - Mathematical Methods I
EAS 222 - Stratigraphy, Sedimentation
EAS 233 - Geologic Structures

MWF: 12:00-12:50
T or R 14:00-16:50

T/R: 11:00-12:20
W 13:00-13:50

MWF 11:00-11:50
M-F: 14:00-16:50
or T 8:00-10:50

T/R: 12:30-13:50
W 14:00-16:50

Fall Term - 3rd Year

GEOPH 325 - Geophysical Imaging
PHYS 381 - Electromagnetic Theory I

Winter Term - 3rd Year

GEOPH 326 - Seismic Imaging

Fall Term - 4th Year

GEOPH 424 - EM Methods in GEOPH
GEOPH 436 - Field School

Winter Term - 4th Year

GEOPH 426 - Signal Analysis
GEOPH 438 - Seismic Data Processing

+1 course from EAS 209/221/224/320/323, GEOPH 332/421/440, PHYS 271/308/499

+3 courses from AREC 313/365, ASTRO 429, CH E 243, CIV E 250/381, CMPUT 267/466/481, EAS 209/221/224/270/320/323/324/421/422/425/456, ECE 209, GEOPH 332/421/431/440, MIN E 295/323, PET E 365, PHYS 261/271/308/310/362/420/467/481/499, STAT 151/153