

# Undergraduate Course Track for Those Intend to Major in Geophysics

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Geophysics is a diverse field including Seismology and Geodynamics. To major geophysics, it is important for the student to have strong background not only in math and physics but also a broad understanding of geological phenomena. To aid and guide undergraduate students, the following course track has been designed. It includes courses offered within and outside SEES.

## A. COURSES WITHIN SEES

Year	Spring semester	Fall semester
1st year		
2nd year		
3rd year	<b>Geophysics 1</b> (taught by Baag or Rhie)	<b>Geophysics 2</b> (taught by Baag or Rhie)
4th year	<b>Advanced Seismology</b> (taught by Baag or Rhie)	<b>Computation and Geodynamics</b> (taught by Lee)

We also recommend students to take courses in Structural Geology and Petrology offered at SEES.

## **B. COURSES OUTSIDE SEES**

- Strongly recommended

역학 I II (Mechanics I and II), 선형대수학 (Linear Algebra), 미분방정식 및 연습 (Differential Equations)

- Recommended

전자기학 I II (Electromagnetism I and II), 유체역학 (Fluid Mechanics/Dynamics), 통계 및 확률(Statistics and Probability)

Please do not hesitate to contact above professors for questions.