

## BS in Physics Geophysics Emphasis (770-159)

<b>Core Courses</b> <i>Take these courses during your first 3 semesters:</i> MATH 215                      4 PH 121                         3 PH 123                         3 PH 150                         1 PH 220                         3 14  <i>Take these courses:</i> MATH 316                    4 PH 250                         1 PH 279                         3 PH 291                         2 PH 314                         3 13	<i>Take these courses:</i> PH 328                         2 PH 332                         4 PH 333                         4 PH 336                         2 PH 385                         2 14  <i>Take these courses:</i> PH 412                         3 PH 433                         3 PH 473                         3 9  <i>Take 1 course:</i> PH 323                         3 PH 324                         3 PH 374                         3 PH 375                         3 3	<b>Internship/Research Courses</b> <i>Take 1 course:</i> PH 398R                       1 PH 406                         1 1  <i>Take this course:</i> PH 488                         1 1  <b>Geophysics Emphasis Courses</b> <i>Take these courses:</i> GEOL 111                      3 GEOL 111L                    1 GEOL 140                      1 GEOL 370                      4 GEOL 445                      3 12	<b>Program Notes:</b>  <i>* No Grade Less than C- in Major Courses</i>  <i>* GEOL 391 and GEOL 392, while not required, would be beneficial and could be counted as elective credits.</i>
<b>Credit Requirements:</b>  Foundations                      40 Major                                67 Elective                            13 Total                                 120		<b>Tracks Available:</b>  Fall/Winter                        Yes Winter/Spring (Freshman/Sophomore)    Yes Winter/Spring (Junior/Senior)            No Spring/Fall (Freshman/Sophomore)       Yes Spring/Fall (Junior/Senior)                No	

## Graduation Plan BS in Physics - Geophysics Emphasis (770-159)

<b>Semester 1</b> <i>Take these courses:</i> PH 150                         1 PH 121                         3 FDSCI 101                    2 FDMAT 112                   4 FDREL 121 or 122          2 Elective Credit               3 15	<b>Semester 2</b> <i>Take these courses:</i> MATH 215                    4 PH 123                         3 GEOL 111                      3 GEOL 111L                   1 FDREL 121 or 122          2 FDAMF 101                   3 16	<b>Semester 3</b> <i>Take these courses:</i> Elective Credit               3 PH 220                         3 PH 250                         1 FDENG 101                   3 FDREL 200                    2 FDSCI Issues                 3 15	<b>Semester 4</b> <i>Take these courses:</i> PH 291                         2 PH 279                         3 GEOL 140                      1 Math 316                       4 FDENG 201                    3 Elective Credit               2 15	<b>Semester 5</b> <i>Take these courses:</i> PH 333                         4 PH 328                         2 PH 332                         4 *GEOL 370                    4 14
<b>Semester 6</b> <i>Take these courses:</i> PH 385                         2 PH 336                         2 PH 314                         3 FDREL Elective               2 FDSCI Issues                 3 Elective Credit               4 16	<b>Off-Track</b> <b>***Choose 1:</b> PH 398R or                    1 PH 406 fall semester	<b>Semester 7</b> <i>Take these courses:</i> PH 433                         3 PH 412                         3 GEOL 445                      3 FDCA/FDWLD                3 FDREL Scripture             2 14	<b>Semester 8</b> <i>Take these courses:</i> PH 473                         3 PH 488                         1 PH Elective                   3 FDCA/FDWLD                3 FDREL Scripture             2 Elective Credit               3 15	<b>Program Notes</b> <i>* GEOL 391 &amp; 392 are not required, but would be beneficial &amp; could be counted as elective credits.</i> <i>*GEOL 370 has a prereq of GEOL 112 that per the Geology department will be waived for physics students.</i>