Northeastern University

MAKE YOUR NEXT MOVE.

# Semester in Seattle COE Combined Major Course Table

| | | COMP. ENG. & CS | CHEM. ENG. & CS | CHEM. ENG. & DS | CIVIL ENG. & CS | ENVIRON. ENG. & DS | MECH. ENG. & CS | INDUS. ENG. & CS |
|---|---|---|---|---|---|---|---|---|
| ENGINEERING REQUIREMENTS | ME 2355 & 2356 | | | | | | ✓ | |
| | ME 2380 & 2381 | | | | | | ✓ | |
| | ME 3455 & 3456 | | | | | | ✓ | |
| COMPUTER ENGINEERING FUNDAMENTALS | CS 3000 | | | | | | | |
| | EECE 2322 & 2323 | | | | | | | |
| | EECE 2540 | | | | | | | |
| ELECTRICAL ENGINEERING FUNDAMENTALS | EECE 2412 & 2413 | ✓ | | | | ✓ | | |
| | EECE 2520 | ✓ | | | | ✓ | | |
| | EECE 2530 & 2531 | | | | | ✓ | | |
| COMPUTER SCIENCE REQUIREMENTS | CS 1800 & 1802 | | | | | | | |
| | CS 2000 & 2001 | | | | | | | |
| | CS 2100 & 2101 | | | | | | | |
| | CS 2800 | | | | | | | |
| | CS 3000 | | | | | | | |
| | CS 3100 & 3101 | | | | | | | |
| | CS 3200 | | | | | | | |
| | CS 3650 | | | | | | | |
| | CS 4530 or CS 4535 | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ |
| DATA SCIENCE REQUIREMENTS | DS 2500 & 2501 | | | | | | | |
| | DS 3500 | | | | | | | |
| | DS 3000 | | | | | | | |
| | DS 4200 | | | | | | | |
| | DS 4300 | | | | | | | |
| | DS 4400 | | | | | | | |
| MATH / SCIENCE REQUIREMENTS | CHEM 1151 & 1153 | | | | | | | |
| | CS 1800 & 1802 | | | | | | | |
| | MATH 1341 | | | | | | | |
| | MATH 1342 | | | | | | | |
| | MATH 2321 | | | | | | | |
| | MATH 2341 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | MATH 3081 & 3082 | | | ✓ | | ✓ | | |
| | PHYS 1151/1152/1153 | | | | | | | |
| | PHYS 1155/1156/1157 | ✓ | ✓ | | | | ✓ | |
| SCIENCE ELECTIVE (EARTH) | ENVR 1200 | | | | | | | |
| | ENVR 2200 | | | | | | | |
| | ENVR 3125 | | | | | | | |
| | ENVR 3200 | | | | | | | |
| | ENVR 3600 | | | | | | | |
| | ENVR 5201 | | | | | | | |
| WRITING REQUIREMENT | ENGW 3302 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| GE REQUIREMENTS | ARCH 1310 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | PHIL 1145 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | COMM 1112 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |