



Masters of Science in Surveying Engineering (MSURV)

First Year

Fall Semester

| Code | Title | Credits | Prerequisites | Corequisites |
|---------|-----------------------------------|---------|---------------|--------------|
| SURV500 | Geographic Information Systems II | 3 | | |
| SURV510 | Remote Sensing | 3 | | |
| SURV530 | GPS II | 3 | | |
| SURV520 | Underground & Marine Survey | 3 | | |
| Total | | 12 | | |

Spring Semester

| Code | Title | Credits | Prerequisites | Corequisites |
|----------|-------------------------------------|---------|---------------|--------------|
| SURV560 | Advanced Digital Photogrammetry | 3 | SURV510 | SURV560L |
| SURV560L | Advanced Digital Photogrammetry Lab | 1 | | SURV560 |
| SURV590 | Map Projection | 3 | SURV530 | |
| SURV580 | Geomatics for Civil Works | 3 | | |
| SURV550 | Image Processing | 3 | SURV510 | |
| Total | | 13 | | |

Second Year

Fall Semester

| Code | Title | Credits | Prerequisites | Corequisites |
|----------|---|---------|--|--------------|
| SURV640 | Geotechnical Engineering | 3 | SURV580 | |
| SURV695A | Master Thesis(Part I) | 3 | SURV560 - SURV520 - SURV590 - SURV580 - SURV510 - SURV500 - SURV530 - SURV550 | |
| SURV630 | Drainage and Irrigation | 3 | SURV560 | |
| SURV620 | Engineering Transportation and Roads Design | 3 | SURV580 | |
| SURV615 | Surveying application II | 3 | | |
| Total | | 15 | | |

Spring Semester

| Code | Title | Credits | Prerequisites | Corequisites |
|----------|---|---------|-------------------|--------------|
| SURV670 | Technology Of Construction | 3 | SURV580 - SURV620 | |
| SURV695B | Master Thesis(Part II) | 3 | SURV695A | |
| SURV680 | Environmental Impact Assessment for Surveying Engineering | 3 | SURV640 | |
| | Elective | 3 | | |
| Total | | 12 | | |

Major Elective Courses

| Code | Title | Credits | Prerequisites | Corequisites |
|-------------------------------------|-------|---------|---------------|--------------|
| There are no Major Elective Courses | | | | |