# MS in Applied Statistics ±

| Course | Credits | Sem./Year | Grade |
|---|---|---|---|
| Mathematical Statistics | __3___ | _____ | _____ |
| MSSC 5780 Regression Analysis | __3___ | _____ | _____ |
| MSSC 6010 Computational Probability | __3___ | _____ | _____ |
| MSSC 6020 Statistical Simulation | __3___ | _____ | _____ |
| MSSC 6040 Applied Linear Algebra | __3___ | _____ | _____ |
| MSSC 6240 Design and Analysis of Scientific Experiments | __3___ | _____ | _____ |
| MSSC 6250 Statistical Machine Learning | __3___ | _____ | _____ |

If a non-thesis Plan B student, 3 credits of practicum is required and 30 credits total

| MSSC 6975 Practicum | __3___ | _____ | _____ |
|---|---|---|---|

If a thesis Plan A student, 6 credits of thesis is required plus a written thesis and 30 credits total

| MSSC 6999 Master's Thesis | __3___ | _____ | _____ |
|---|---|---|---|
| MSSC 6999 Master's Thesis | __3___ | _____ | _____ |

Additional approved elective courses to reach 30 credits

| Course number and title | Credits | Sem./Year | Grade |
|---|---|---|---|
| i.e. MSSC 5700 Theory of Probability | __3___ | __F21___ | __A__ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Use this form every semester in consultation with your advisor to complete your degree

It is recommended that all APST-MS students join the ASA as a student member.

Upon degree completion, students are eligible to apply for ASA GStat certification.

# MS in Applied Statistics ±Plan of Study

List of courses by Semester

| Fall Year 1 | Spring Year 1 |
| --- | --- |