

M.S. in Engineering Physics

Daytona Beach Program Requirements

Core Requirements	15
Option	15
Total Credits	30

Core Requirements

ENGP 501	Numerical Methods for Engineers and Scientists	3
ENGP 505	Spacecraft Dynamics and Control	3
ENGP 511	Advanced Space Physics	3
ENGP 601	Experimental Methods in Space Science	3
ENGP 605	Spacecraft Power and Thermal Design	3
Total Credits		15

Option

Option I: Non-Thesis

Technical Electives ASTR, AERO, CESC, CIVE, CPSC, DSCI, ELEC, ENGR, ENGP, MATH, MECH, and SFTW 500 level and above	15
Total Credits	15

Option II: Thesis

ENGP 700	Graduate Thesis	9
Technical Electives ASTR, AERO, CESC, CIVE, CPSC, DSCI, ELEC, ENGR, ENGP, MATH, MECH, and SFTW 500 level and above		6
Total Credits		15

Suggested Plan of Study

Option I: Non-Thesis

Year One

Requirements	Credits
ENGP 501 - Numerical Methods for Engineers and Scientists	3
ENGP 505 - Spacecraft Dynamics and Control	3
ENGP 605 - Spacecraft Power and Thermal Design	3
Semester Hours	9

Requirements	Credits
ENGP 511 - Advanced Space Physics	3
ENGP 601 - Experimental Methods in Space Science	3
Specified Elective	3
Semester Hours	9

Total Credits

Total Hours for All Requirements: 18

Year Two

Requirements	Credits
Specified Elective	3
Specified Elective	3
Semester Hours	6

Requirements	Credits
Specified Elective	3
Specified Elective	3
Semester Hours	6

Total Credits

Total Hours for All Requirements: 12

Option II: Thesis

Year One

Requirements	Credits
ENGP 501 - Numerical Methods for Engineers and Scientists	3
ENGP 505 - Spacecraft Dynamics and Control	3
ENGP 605 - Spacecraft Power and Thermal Design	3
Semester Hours	9

Requirements	Credits
ENGP 511 - Advanced Space Physics	3
ENGP 601 - Experimental Methods in Space Science	3
Specified Elective	3
Semester Hours	9

Total Credits

Total Hours for All Requirements: 18

Year Two

Requirements	Credits
Specified Elective	3
ENGP 700 - Graduate Thesis	3
Semester Hours	6

Requirements	Credits
ENGP 700 - Graduate Thesis	3
ENGP 700 - Graduate Thesis	3
Semester Hours	6

Total Credits

Total Hours for All Requirements: 12