

# B.S. in Space Operations

## Year One

Fall		Credits
COM 122	English Composition	3
BA 125	Foundations in Business Data Analytics	3
MA 111	Pre-Calculus for Aviation	3
or MA 143	Precalculus Essentials	
SF 210	Introduction to Aerospace Safety	3
SP 110	Introduction to Space Flight	3
UNIV 101	College Success	1
<b>Credits Subtotal</b>		<b>16.0</b>

## Spring

MA 112	Applied Calculus for Aviation	3
or MA 241	Calculus and Analytical Geometry I	
PS 113	Introductory Physics I	3
or PS 150	Physics for Engineers I	
or PS 226	Physics I	
PS 113L	Introductory Physics I Laboratory	1
or PS 226L	Physics I Laboratory	
PSY 101	Introduction to Psychology	3
	HU 14X Elective	3
	SP 2XX Elective	3
<b>Credits Subtotal</b>		<b>16.0</b>

## Year Two

Fall		Credits
COM 221	Technical Report Writing	3
HF 300	Human Factors I: Principles and Fundamentals	3
	PS/BIO/CHM 100-400 Level Lecture	3
	PS/BIO/CHM 100-400 Level Laboratory	1
	SP 2XX Elective	3
	Minor/Open Elective	3
<b>Credits Subtotal</b>		<b>16.0</b>

## Spring

SP 230	Space Policy and Law - History	3
COM 219	Speech	3
EGR 115	Introduction to Computing for Engineers	3
MA 222	Business Statistics	3
or MA 412	Probability and Statistics	
	Minor/Open Elective	3
<b>Credits Subtotal</b>		<b>15.0</b>

## Year Three

Fall		Credits
BA 201	Principles of Management	3
SP 300	Satellite and Spacecraft Systems	3
	HU/SS Lower or Upper Level Elective	3
	SP 3XX Elective (or CEC/CS/MA/SE/SYS 300-400 Level Course)	3
	Minor/Open Elective	3
<b>Credits Subtotal</b>		<b>15.0</b>

## Spring

SP 351	Fundamentals of Space Policy and Regulation	3
SP 400	Introduction to Space Navigation	3
CS 118	Fundamentals of Computer Programming	3
BA 452	Lean Six-Sigma in Aviation and Aerospace	3
	Minor/Open Elective	3
<b>Credits Subtotal</b>		<b>15.0</b>

## Year Four

### Fall

SP 410	Space Operations Planning and Analysis	3
SP 460	Applied Spaceflight Policy and Regulation	3
BA 424	Project Management in Aviation Operations	3
	Minor/Open Elective	3
	Minor/Open Elective	3
<b>Credits Subtotal</b>		<b>15.0</b>

### Spring

SP 490	Senior Space Operations Project	3
	HU/SS Upper Level Elective	3
	Minor/Open Elective	3
	Minor/Open Elective	3
<b>Credits Subtotal</b>		<b>12.0</b>
<b>Credits Total:</b>		<b>120.0</b>