

# B.S. in Aerospace Physiology

Students should be aware that several courses in each academic year may have prerequisites and/or co-requisites. Please check the course descriptions in this catalog before registering for classes to ensure requisite sequencing.

## Suggested Plan of Study

### Year One

Fall		Credits
COM 122	English Composition	3
UNIV 101	College Success	1
MA 140	College Algebra <sup>1</sup>	3
CHM 110	General Chemistry I	3
CHM 110L	General Chemistry I Laboratory	1
BIO 120	Foundations of Biology I	3
BIO 120L	Foundations of Biology I Laboratory	1
BIO 110	Research Methods I	1
<b>Credits Subtotal</b>		<b>16.0</b>

Spring		Credits
	HU 14X Elective	3
PSY 101	Introduction to Psychology	3
CHM 111	General Chemistry II	3
CHM 111L	General Chemistry II Laboratory	1
BIO 121	Foundations of Biology II	3
BIO 121L	Foundations of Biology II Lab	1
BIO 111	Research Symposium	1
<b>Credits Subtotal</b>		<b>15.0</b>
<b>Credits Total:</b>		<b>31.0</b>

### Year Two

Fall		Credits
COM 219	Speech	3
CHM 210	Organic Chemistry I	3
CHM 210L	Organic Chemistry I Laboratory	1
BIO 215	Genetics	3
BIO 215L	Genetics Laboratory	1
BIO 305	Human Anatomy and Physiology I	3
BIO 305L	Human Anatomy & Physiology Laboratory	1
<b>Credits Subtotal</b>		<b>15.0</b>

Spring		Credits
COM 221	Technical Report Writing	3
MA 210	Introduction to Data Science	3
	Specified Elective	3
	Open Elective - Lower Level	3
BIO 306	Human Anatomy and Physiology II	3
BIO 306L	Human Anatomy and Physiology II Laboratory	1
<b>Credits Subtotal</b>		<b>16.0</b>
<b>Credits Total:</b>		<b>31.0</b>

### Year Three

Fall		Credits
CS 118	Fundamentals of Computer Programming	3
or CS 223	Scientific Programming in C	
or EGR 115	Introduction to Computing for Engineers	
or CYB 235	Computer and Network Technologies	

PS 113	Introductory Physics I	3
PS 113L	Introductory Physics I Laboratory	1
CHM 310	Biochemistry <sup>2</sup>	3
CHM 310L	Biochemistry Laboratory <sup>2</sup>	1
	Specified Elective	3-4
<b>Credits Subtotal</b>		<b>14.0-15.0</b>

Spring		Credits
HF 300	Human Factors I: Principles and Fundamentals	3
MA 222	Business Statistics	3
PS 117	Introductory Physics II	3
PS 117L	Introductory Physics II Lab	1
	Specified Elective	3
	Open Elective - Upper Level	3
<b>Credits Subtotal</b>		<b>16.0</b>
<b>Credits Total:</b>		<b>30.0-31.0</b>

### Year Four

Fall		Credits
BIO 405	Molecular and Cell Biology	3
BIO 405L	Molecular and Cell Biology Laboratory	1
BIO 450	Exercise Physiology and Human Performance	3
	Humanities/Social Science - Lower Level	3
	Specified Elective	3
<b>Credits Subtotal</b>		<b>13.0</b>

Spring		Credits
HF 440	Aerospace Physiology	3
or AS 357	Flight Physiology	
	Humanities/Social Science - Upper Level	3
	Open Elective - Lower Level	3
	Open Elective - Upper Level	3
	Open Elective - Upper Level	3
<b>Credits Subtotal</b>		<b>15.0</b>
<b>Credits Total:</b>		<b>28.0</b>

<sup>1</sup> MA 111, 120 or 140

<sup>2</sup> CHM 211 and CHM 211L **OR** CHM 310 and 310L required