

College of Arts and Sciences

MDS 303 BS Behavioral Neuroscience Div A

Yr 1 FL	C PSY U100 College: An Introduction	1.0 SH
Yr 1 FL	C PSY U101 Foundations of Psychology	4.0 SH
Yr 1 FL	C BIO U101 Principles of Biology 1 Coreq(s): C BIO U102	4.0 SH
Yr 1 FL	C BIO U102 Lab for BIO U101 Coreq(s): C BIO U101	1.0 SH
Yr 1 FL	C MTH U141 Calculus 1	4.0 SH
Yr 1 FL	C CHM U211 General Chemistry 1 Coreq(s): C CHM U212 C CHM U213	4.0 SH
Yr 1 FL	C CHM U212 Lab for CHM U211 Coreq(s): C CHM U211 C CHM U213	1.0 SH
Yr 1 FL	C CHM U213 Recitation for CHM U211 Coreq(s): C CHM U211 C CHM U212	0.0 SH
	Semester Subtotal	19.0 SH
Yr 1 SP	C MTH U142 Calculus 2	4.0 SH
Yr 1 SP	C CHM U214 General Chemistry 2 Coreq(s): C CHM U215 C CHM U216	4.0 SH
Yr 1 SP	C CHM U215 Lab for CHM U214 Coreq(s): C CHM U214 C CHM U216	1.0 SH
Yr 1 SP	C CHM U216 Recitation for CHM U214 Coreq(s): C CHM U214 C CHM U215	0.0 SH
Yr 1 SP	C ENG U111 College Writing	4.0 SH
Yr 1 SP	BS Core Course	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C BIO U319 Regulatory Cell Biology Coreq(s): C BIO U320	4.0 SH
Yr 2 FL	C BIO U320 Lab for BIO U319 Coreq(s): C BIO U319	1.0 SH
Yr 2 FL	C CHM U311 Organic Chemistry1 Coreq(s): C CHM U312	4.0 SH
Yr 2 FL	C CHM U312 Lab for CHM U311 Coreq(s): C CHM U311	1.0 SH
Yr 2 FL	Beh Neurosci Area A or B Elective	4.0 SH
Yr 2 FL	BS Core Course	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 SP	C CHM U313 Organic Chemistry 2 Coreq(s): C CHM U314	4.0 SH
Yr 2 SP	C CHM U314 Lab CHM U313 Coreq(s): C CHM U313	1.0 SH
Yr 2 SP	C PSY U458 Psychobiology	4.0 SH
Yr 2 SP	Beh Neurosci Area A or B Elective	4.0 SH
Yr 2 SP	BS Core Course	4.0 SH
	Semester Subtotal	17.0 SH
Yr 2 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH

Yr 3 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 SP	C PSY U510 Psychopharmacology	4.0 SH
Yr 3 SP	C PSY U320 Stats in Psychological Resrch Coreq(s): C PSY U321	4.0 SH
Yr 3 SP	C PSY U321 Lab for PSY U320 Coreq(s): C PSY U320	1.0 SH
Yr 3 SP	C BIO U301 Genetics & Molecular Biology Coreq(s): C BIO U302	4.0 SH
Yr 3 SP	C BIO U302 Lab for BIO U301 Coreq(s): C BIO U301	1.0 SH
Yr 3 SP	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 3 S1	Beh Neurosci Area C Elective	4.0 SH
Yr 3 S1	BS Core Course	4.0 SH
	Semester Subtotal	8.0 SH
Yr 3 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 SP	C BIO U405 Neurobiology	4.0 SH
Yr 4 SP	Beh Neurosci Area A or B Elective	4.0 SH
Yr 4 SP	Beh Neurosci Lab Elective	4.0 SH
Yr 4 SP	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 S1	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 4 S1	BS Core Course	4.0 SH
	Semester Subtotal	8.0 SH
Yr 4 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 SP	C PSY U951 Experiential Ed Directed Study	4.0 SH
Yr 5 SP	Beh Neurosci Area C Elective	4.0 SH
Yr 5 SP	Beh Neuroscience Seminar	4.0 SH
Yr 5 SP	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH

Program Total

137.0 SH

MDS 303 BS Behavioral Neuroscience Div B

Yr 1 FL	C PSY U100 College: An Introduction	1.0 SH
Yr 1 FL	C PSY U101 Foundations of Psychology	4.0 SH
Yr 1 FL	C BIO U101 Principles of Biology 1	4.0 SH
	Coreq(s): C BIO U102	
Yr 1 FL	C BIO U102 Lab for BIO U101	1.0 SH
	Coreq(s): C BIO U101	
Yr 1 FL	C MTH U141 Calculus 1	4.0 SH
Yr 1 FL	C CHM U211 General Chemistry 1	4.0 SH
	Coreq(s): C CHM U212 C CHM U213	
Yr 1 FL	C CHM U212 Lab for CHM U211	1.0 SH
	Coreq(s): C CHM U211 C CHM U213	
Yr 1 FL	C CHM U213 Recitation for CHM U211	0.0 SH
	Coreq(s): C CHM U211 C CHM U212	
	Semester Subtotal	19.0 SH
Yr 1 SP	C MTH U142 Calculus 2	4.0 SH
Yr 1 SP	C ENG U111 College Writing	4.0 SH
Yr 1 SP	C CHM U214 General Chemistry 2	4.0 SH
	Coreq(s): C CHM U215 C CHM U216	
Yr 1 SP	C CHM U215 Lab for CHM U214	1.0 SH
	Coreq(s): C CHM U214 C CHM U216	
Yr 1 SP	C CHM U216 Recitation for CHM U214	0.0 SH
	Coreq(s): C CHM U214 C CHM U215	
Yr 1 SP	BS Core Course	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C BIO U319 Regulatory Cell Biology	4.0 SH
	Coreq(s): C BIO U320	
Yr 2 FL	C BIO U320 Lab for BIO U319	1.0 SH
	Coreq(s): C BIO U319	
Yr 2 FL	C CHM U311 Organic Chemistry1	4.0 SH
	Coreq(s): C CHM U312	
Yr 2 FL	C CHM U312 Lab for CHM U311	1.0 SH
	Coreq(s): C CHM U311	
Yr 2 FL	Beh Neurosci Area A or B Elective	4.0 SH
Yr 2 FL	BS Core Course	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	Beh Neurosci Area C Elective	4.0 SH
Yr 2 S2	BS Core Course	4.0 SH
	Semester Subtotal	8.0 SH
Yr 3 FL	C CHM U313 Organic Chemistry 2	4.0 SH
	Coreq(s): C CHM U314	
Yr 3 FL	C CHM U314 Lab CHM U313	1.0 SH
	Coreq(s): C CHM U313	
Yr 3 FL	C PSY U458 Psychobiology	4.0 SH
Yr 3 FL	Psych Area A or B Elective	4.0 SH
Yr 3 FL	BS Core Course	4.0 SH
	Semester Subtotal	17.0 SH

Yr 3 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S2	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 S2	Free Elective	4.0 SH
	Semester Subtotal	8.0 SH
Yr 4 FL	C PSY U510 Psychopharmacology	4.0 SH
Yr 4 FL	C PSY U320 Stats in Psychological Resrch	4.0 SH
	Coreq(s): C PSY U321	
Yr 4 FL	C PSY U321 Lab for PSY U320	1.0 SH
	Coreq(s): C PSY U320	
Yr 4 FL	C BIO U301 Genetics & Molecular Biology	4.0 SH
	Coreq(s): C BIO U302	
Yr 4 FL	C BIO U302 Lab for BIO U301	1.0 SH
	Coreq(s): C BIO U301	
Yr 4 FL	BS Core Course	4.0 SH
	Semester Subtotal	18.0 SH
Yr 4 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 FL	C BIO U405 Neurobiology	4.0 SH
Yr 5 FL	Beh Neurosci Lab Elective	4.0 SH
Yr 5 FL	Beh Neurosci Area A or B Elective	4.0 SH
Yr 5 FL	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 5 SP	C PSY U951 Experiential Ed Directed Study	4.0 SH
Yr 5 SP	Beh Neurosci Area C Elective	4.0 SH
Yr 5 SP	Beh Neuroscience Seminar	4.0 SH
Yr 5 SP	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 5 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH

Program Total**137.0 SH**

MDS 303 BS Behavioral Neuroscience Div C

Yr 1 FL	C PSY U100 College: An Introduction	1.0 SH
Yr 1 FL	C PSY U101 Foundations of Psychology	4.0 SH
Yr 1 FL	C BIO U101 Principles of Biology 1	4.0 SH
	Coreq(s): C BIO U102	
Yr 1 FL	C BIO U102 Lab for BIO U101	1.0 SH
	Coreq(s): C BIO U101	
Yr 1 FL	C MTH U141 Calculus 1	4.0 SH
Yr 1 FL	C CHM U211 General Chemistry 1	4.0 SH
	Coreq(s): C CHM U212 C CHM U213	
Yr 1 FL	C CHM U212 Lab for CHM U211	1.0 SH
	Coreq(s): C CHM U211 C CHM U213	
Yr 1 FL	C CHM U213 Recitation for CHM U211	0.0 SH
	Coreq(s): C CHM U211 C CHM U212	
	Semester Subtotal	19.0 SH
Yr 1 SP	C MTH U142 Calculus 2	4.0 SH
Yr 1 SP	C CHM U214 General Chemistry 2	4.0 SH
	Coreq(s): C CHM U215 C CHM U216	
Yr 1 SP	C CHM U215 Lab for CHM U214	1.0 SH
	Coreq(s): C CHM U214 C CHM U216	
Yr 1 SP	C CHM U216 Recitation for CHM U214	0.0 SH
	Coreq(s): C CHM U214 C CHM U215	
Yr 1 SP	C ENG U111 College Writing	4.0 SH
Yr 1 SP	BS Core Course	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C CHM U311 Organic Chemistry1	4.0 SH
	Coreq(s): C CHM U312	
Yr 2 FL	C CHM U312 Lab for CHM U311	1.0 SH
	Coreq(s): C CHM U311	
Yr 2 FL	C BIO U319 Regulatory Cell Biology	4.0 SH
	Coreq(s): C BIO U320	
Yr 2 FL	C BIO U320 Lab for BIO U319	1.0 SH
	Coreq(s): C BIO U319	
Yr 2 FL	Beh Neurosci Area A or B Elective	4.0 SH
Yr 2 FL	BS Core Course	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 SP	C PSY U458 Psychobiology	4.0 SH
Yr 2 SP	C CHM U313 Organic Chemistry 2	4.0 SH
	Coreq(s): C CHM U314	
Yr 2 SP	C CHM U314 Lab CHM U313	1.0 SH
	Coreq(s): C CHM U313	
Yr 2 SP	BS Core Course	4.0 SH
Yr 2 SP	Beh Neurosci Area A or B Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 3 FL	C PSY U510 Psychopharmacology	4.0 SH
Yr 3 FL	C PSY U320 Stats in Psychological Resrch	4.0 SH
	Coreq(s): C PSY U321	
Yr 3 FL	C PSY U321 Lab for PSY U320	1.0 SH
	Coreq(s): C PSY U320	
Yr 3 FL	C BIO U301 Genetics & Molecular Biology	4.0 SH
	Coreq(s): C BIO U302	
Yr 3 FL	C BIO U302 Lab for BIO U301	1.0 SH
	Coreq(s): C BIO U301	
Yr 3 FL	BS Core Course	4.0 SH
	Semester Subtotal	18.0 SH

Yr 3 SP	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 SP	Beh Neurosci Area C Elective	4.0 SH
Yr 3 SP	BS Core Course	4.0 SH
Yr 3 SP	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH

Yr 4 FL	C BIO U405 Neurobiology	4.0 SH
Yr 4 FL	Beh Neurosci Area A or B Elective	4.0 SH
Yr 4 FL	Beh Neurosci Lab Elective	4.0 SH
Yr 4 FL	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH

Yr 4 SP	C PSY U951 Experiential Ed Directed Study	4.0 SH
Yr 4 SP	Beh Neurosci Area C Elective	4.0 SH
Yr 4 SP	Beh Neuroscience Seminar	4.0 SH
Yr 4 SP	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH

Program Total 137.0 SH

MDS 302 BS Biochemistry Div A

Yr 1 FL	C BIO U101 Principles of Biology 1	4.0 SH
	Coreq(s): C BIO U102	
Yr 1 FL	C BIO U102 Lab for BIO U101	1.0 SH
	Coreq(s): C BIO U101	
Yr 1 FL	C CHM U211 General Chemistry 1	4.0 SH
	Coreq(s): C CHM U212 C CHM U213	
Yr 1 FL	C CHM U212 Lab for CHM U211	1.0 SH
	Coreq(s): C CHM U211 C CHM U213	
Yr 1 FL	C CHM U213 Recitation for CHM U211	0.0 SH
	Coreq(s): C CHM U211 C CHM U212	
Yr 1 FL	C MTH U151 Calculus & Diff Eq -Biology 1	4.0 SH
Yr 1 FL	C BIO U100 College: An Introduction	1.0 SH
Yr 1 FL	BS Core Course	4.0 SH
	Semester Subtotal	19.0 SH
Yr 1 SP	C BIO U103 Principles of Biology 2	4.0 SH
	Coreq(s): C BIO U104	
Yr 1 SP	C BIO U104 Lab for BIO U103	1.0 SH
	Coreq(s): C BIO U103	
Yr 1 SP	C CHM U214 General Chemistry 2	4.0 SH
	Coreq(s): C CHM U215 C CHM U216	
Yr 1 SP	C CHM U215 Lab for CHM U214	1.0 SH
	Coreq(s): C CHM U214 C CHM U216	
Yr 1 SP	C CHM U216 Recitation for CHM U214	0.0 SH
	Coreq(s): C CHM U214 C CHM U215	
Yr 1 SP	C ENG U111 College Writing	4.0 SH
Yr 1 SP	C MTH U152 Calculus & Diff Eq -Biology 2	4.0 SH
Yr 1 SP	C BIO U106 Introduction to Experiential Education	1.0 SH
	Semester Subtotal	19.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C BIO U301 Genetics & Molecular Biology	4.0 SH
	Coreq(s): C BIO U302	
Yr 2 FL	C BIO U302 Lab for BIO U301	1.0 SH
	Coreq(s): C BIO U301	
Yr 2 FL	C CHM U311 Organic Chemistry1	4.0 SH
	Coreq(s): C CHM U312	
Yr 2 FL	C CHM U312 Lab for CHM U311	1.0 SH
	Coreq(s): C CHM U311	
Yr 2 FL	BS Core Course	4.0 SH
Yr 2 FL	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 SP	C CHM U313 Organic Chemistry 2	4.0 SH
	Coreq(s): C CHM U314	
Yr 2 SP	C CHM U314 Lab CHM U313	1.0 SH
	Coreq(s): C CHM U313	
Yr 2 SP	C PHY U145 Physics for Life Sciences 1	4.0 SH
	Coreq(s): C PHY U146	
Yr 2 SP	C PHY U146 Lab for PHY U145	1.0 SH
	Coreq(s): C PHY U145	
Yr 2 SP	BS Core Course	4.0 SH
Yr 2 SP	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH

Yr 3 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 SP	C BIO U323 Biochemistry	4.0 SH
	Coreq(s): C BIO U324	
Yr 3 SP	C BIO U324 Lab for BIO U323	1.0 SH
	Coreq(s): C BIO U323	
Yr 3 SP	C PHY U147 Physics for Life Sciences 2	4.0 SH
	Coreq(s): C PHY U148	
Yr 3 SP	C PHY U148 Lab for PHY U147	1.0 SH
	Coreq(s): C PHY U147	
Yr 3 SP	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 SP	BIO or CHM Advanced Elective	5.0 SH
	Semester Subtotal	19.0 SH
Yr 3 S1	BIO or CHM Advanced Elective	5.0 SH
Yr 3 S1	BioChem Computer Sci Elective	4.0 SH
	Semester Subtotal	9.0 SH
Yr 3 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 SP	C CHM U321 Analytical Chemistry	4.0 SH
	Coreq(s): C CHM U322	
Yr 4 SP	C CHM U322 Lab for CHM U321	1.0 SH
	Coreq(s): C CHM U321	
Yr 4 SP	C BIO U407 Molecular Cell Biology	4.0 SH
Yr 4 SP	BS Core Course	4.0 SH
Yr 4 SP	Free Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 4 S1	BIO or CHM Advanced Elective	5.0 SH
Yr 4 S1	Free Elective	4.0 SH
	Semester Subtotal	9.0 SH
Yr 4 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 SP	C CHM U401 Physical Chemistry 1	4.0 SH
	Coreq(s): C CHM U402	
Yr 5 SP	C CHM U402 Lab for CHM U401	1.0 SH
	Coreq(s): C CHM U401	
Yr 5 SP	BIO U701 or BIO U770	4.0 SH
Yr 5 SP	BIO or CHM Advanced Elective	5.0 SH
Yr 5 SP	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH

Program Total**146.0 SH**

MDS 302 BS Biochemistry Div B

Yr 1 FL	C BIO U101 Principles of Biology 1	4.0 SH
	Coreq(s): C BIO U102	
Yr 1 FL	C BIO U102 Lab for BIO U101	1.0 SH
	Coreq(s): C BIO U101	
Yr 1 FL	C CHM U211 General Chemistry 1	4.0 SH
	Coreq(s): C CHM U212 C CHM U213	
Yr 1 FL	C CHM U212 Lab for CHM U211	1.0 SH
	Coreq(s): C CHM U211 C CHM U213	
Yr 1 FL	C CHM U213 Recitation for CHM U211	0.0 SH
	Coreq(s): C CHM U211 C CHM U212	
Yr 1 FL	C MTH U151 Calculus & Diff Eq -Biology 1	4.0 SH
Yr 1 FL	C BIO U100 College: An Introduction	1.0 SH
Yr 1 FL	BS Core Course	4.0 SH
	Semester Subtotal	19.0 SH
Yr 1 SP	C BIO U103 Principles of Biology 2	4.0 SH
	Coreq(s): C BIO U104	
Yr 1 SP	C BIO U104 Lab for BIO U103	1.0 SH
	Coreq(s): C BIO U103	
Yr 1 SP	C CHM U214 General Chemistry 2	4.0 SH
	Coreq(s): C CHM U215 C CHM U216	
Yr 1 SP	C CHM U215 Lab for CHM U214	1.0 SH
	Coreq(s): C CHM U214 C CHM U216	
Yr 1 SP	C CHM U216 Recitation for CHM U214	0.0 SH
	Coreq(s): C CHM U214 C CHM U215	
Yr 1 SP	C ENG U111 College Writing	4.0 SH
Yr 1 SP	C MTH U152 Calculus & Diff Eq -Biology 2	4.0 SH
Yr 1 SP	C BIO U106 Introduction to Experiential Education	1.0 SH
	Semester Subtotal	19.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C BIO U301 Genetics & Molecular Biology	4.0 SH
	Coreq(s): C BIO U302	
Yr 2 FL	C BIO U302 Lab for BIO U301	1.0 SH
	Coreq(s): C BIO U301	
Yr 2 FL	C CHM U311 Organic Chemistry1	4.0 SH
	Coreq(s): C CHM U312	
Yr 2 FL	C CHM U312 Lab for CHM U311	1.0 SH
	Coreq(s): C CHM U311	
Yr 2 FL	BS Core Course	4.0 SH
Yr 2 FL	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	C CHM U313 Organic Chemistry 2	4.0 SH
	Coreq(s): C CHM U314	
Yr 2 S2	C CHM U314 Lab CHM U313	1.0 SH
	Coreq(s): C CHM U313	
Yr 2 S2	C PHY U145 Physics for Life Sciences 1	4.0 SH
	Coreq(s): C PHY U146	
Yr 2 S2	C PHY U146 Lab for PHY U145	1.0 SH
	Coreq(s): C PHY U145	
	Semester Subtotal	10.0 SH

Yr 3 FL	C PHY U147 Physics for Life Sciences 2	4.0 SH
	Coreq(s): C PHY U148	
Yr 3 FL	C PHY U148 Lab for PHY U147	1.0 SH
	Coreq(s): C PHY U147	
Yr 3 FL	C BIO U323 Biochemistry	4.0 SH
	Coreq(s): C BIO U324	
Yr 3 FL	C BIO U324 Lab for BIO U323	1.0 SH
	Coreq(s): C BIO U323	
Yr 3 FL	BioChem Computer Sci Elective	4.0 SH
Yr 3 FL	Bio or CHM Advanced Elective	5.0 SH
	Semester Subtotal	19.0 SH
Yr 3 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S2	C BIO U407 Molecular Cell Biology	4.0 SH
Yr 3 S2	Free Elective	4.0 SH
	Semester Subtotal	8.0 SH
Yr 4 FL	BIO or CHM Advanced Elective	5.0 SH
Yr 4 FL	BIO or CHM Advanced Elective	5.0 SH
Yr 4 FL	BS Core Course	4.0 SH
Yr 4 FL	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 4 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 FL	C CHM U321 Analytical Chemistry	4.0 SH
	Coreq(s): C CHM U322	
Yr 5 FL	C CHM U322 Lab for CHM U321	1.0 SH
	Coreq(s): C CHM U321	
Yr 5 FL	BIO U701 or BIO U770	4.0 SH
Yr 5 FL	Free Elective	4.0 SH
Yr 5 FL	BS Core Course	4.0 SH
	Semester Subtotal	17.0 SH
Yr 5 SP	C CHM U401 Physical Chemistry 1	4.0 SH
	Coreq(s): C CHM U402	
Yr 5 SP	C CHM U402 Lab for CHM U401	1.0 SH
	Coreq(s): C CHM U401	
Yr 5 SP	BIO or CHM Advanced Elective	5.0 SH
Yr 5 SP	Free Elective	4.0 SH
Yr 5 SP	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH

Program Total**146.0 SH**

MDS 302 BS Biochemistry Div C

Yr 1 FL	C BIO U101 Principles of Biology 1 Coreq(s): C BIO U102	4.0 SH
Yr 1 FL	C BIO U102 Lab for BIO U101 Coreq(s): C BIO U101	1.0 SH
Yr 1 FL	C CHM U211 General Chemistry 1 Coreq(s): C CHM U212 C CHM U213	4.0 SH
Yr 1 FL	C CHM U212 Lab for CHM U211 Coreq(s): C CHM U211 C CHM U213	1.0 SH
Yr 1 FL	C CHM U213 Recitation for CHM U211 Coreq(s): C CHM U211 C CHM U212	0.0 SH
Yr 1 FL	C BIO U100 College: An Introduction	1.0 SH
Yr 1 FL	C MTH U151 Calculus & Diff Eq -Biology 1	4.0 SH
Yr 1 FL	Free Elective	4.0 SH
	Semester Subtotal	19.0 SH
Yr 1 SP	C BIO U103 Principles of Biology 2 Coreq(s): C BIO U104	4.0 SH
Yr 1 SP	C BIO U104 Lab for BIO U103 Coreq(s): C BIO U103	1.0 SH
Yr 1 SP	C CHM U214 General Chemistry 2 Coreq(s): C CHM U215 C CHM U216	4.0 SH
Yr 1 SP	C CHM U215 Lab for CHM U214 Coreq(s): C CHM U214 C CHM U216	1.0 SH
Yr 1 SP	C CHM U216 Recitation for CHM U214 Coreq(s): C CHM U214 C CHM U215	0.0 SH
Yr 1 SP	C ENG U111 College Writing	4.0 SH
Yr 1 SP	C MTH U152 Calculus & Diff Eq -Biology 2	4.0 SH
Yr 1 SP	C BIO U106 Introduction to Experiential Education	1.0 SH
	Semester Subtotal	19.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C BIO U301 Genetics & Molecular Biology Coreq(s): C BIO U302	4.0 SH
Yr 2 FL	C BIO U302 Lab for BIO U301 Coreq(s): C BIO U301	1.0 SH
Yr 2 FL	C CHM U311 Organic Chemistry 1 Coreq(s): C CHM U312	4.0 SH
Yr 2 FL	C CHM U312 Lab for CHM U311 Coreq(s): C CHM U311	1.0 SH
Yr 2 FL	BS Core Course	4.0 SH
Yr 2 FL	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 SP	C CHM U313 Organic Chemistry 2 Coreq(s): C CHM U314	4.0 SH
Yr 2 SP	C CHM U314 Lab CHM U313 Coreq(s): C CHM U313	1.0 SH
Yr 2 SP	BIO or CHM Advanced Elective	5.0 SH
Yr 2 SP	BS Core Course	4.0 SH
	Semester Subtotal	14.0 SH
Yr 2 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH

Yr 3 FL	C BIO U323 Biochemistry Coreq(s): C BIO U324	4.0 SH
Yr 3 FL	C BIO U324 Lab for BIO U323 Coreq(s): C BIO U323	1.0 SH
Yr 3 FL	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 FL	C PHY U145 Physics for Life Sciences 1 Coreq(s): C PHY U146	4.0 SH
Yr 3 FL	C PHY U146 Lab for PHY U145 Coreq(s): C PHY U145	1.0 SH
Yr 3 FL	BIO or CHM Advanced Elective	5.0 SH
	Semester Subtotal	19.0 SH
Yr 3 SP	C BIO U407 Molecular Cell Biology	4.0 SH
Yr 3 SP	C PHY U147 Physics for Life Sciences 2 Coreq(s): C PHY U148	4.0 SH
Yr 3 SP	C PHY U148 Lab for PHY U147 Coreq(s): C PHY U147	1.0 SH
Yr 3 SP	BIO or CHM Advanced Elective	5.0 SH
Yr 3 SP	BS Core Course	4.0 SH
	Semester Subtotal	18.0 SH
Yr 3 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 FL	C CHM U321 Analytical Chemistry Coreq(s): C CHM U322	4.0 SH
Yr 4 FL	C CHM U322 Lab for CHM U321 Coreq(s): C CHM U321	1.0 SH
Yr 4 FL	BIO or CHM Advanced Elective	5.0 SH
Yr 4 FL	BIO U701 or BIO U770	4.0 SH
Yr 4 FL	BioChem Computer Sci Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 4 SP	C CHM U401 Physical Chemistry 1 Coreq(s): C CHM U402	4.0 SH
Yr 4 SP	C CHM U402 Lab for CHM U401 Coreq(s): C CHM U401	1.0 SH
Yr 4 SP	BS Core Course	4.0 SH
Yr 4 SP	BS Core Course	4.0 SH
Yr 4 SP	BIO or CHM Advanced Elective	5.0 SH
	Semester Subtotal	18.0 SH

Program Total**143.0 SH**

MDS 318 BS Biology Div A

Yr 1 FL	C BIO U101 Principles of Biology 1	4.0 SH
	Coreq(s): C BIO U102	
Yr 1 FL	C BIO U102 Lab for BIO U101	1.0 SH
	Coreq(s): C BIO U101	
Yr 1 FL	C CHM U211 General Chemistry 1	4.0 SH
	Coreq(s): C CHM U212 C CHM U213	
Yr 1 FL	C CHM U212 Lab for CHM U211	1.0 SH
	Coreq(s): C CHM U211 C CHM U213	
Yr 1 FL	C CHM U213 Recitation for CHM U211	0.0 SH
	Coreq(s): C CHM U211 C CHM U212	
Yr 1 FL	C MTH U151 Calculus & Diff Eq -Biology 1	4.0 SH
Yr 1 FL	C BIO U100 College: An Introduction	1.0 SH
Yr 1 FL	BS Core Course	4.0 SH
	Semester Subtotal	19.0 SH
Yr 1 SP	C BIO U103 Principles of Biology 2	4.0 SH
	Coreq(s): C BIO U104	
Yr 1 SP	C BIO U104 Lab for BIO U103	1.0 SH
	Coreq(s): C BIO U103	
Yr 1 SP	C CHM U214 General Chemistry 2	4.0 SH
	Coreq(s): C CHM U215 C CHM U216	
Yr 1 SP	C CHM U215 Lab for CHM U214	1.0 SH
	Coreq(s): C CHM U214 C CHM U216	
Yr 1 SP	C CHM U216 Recitation for CHM U214	0.0 SH
	Coreq(s): C CHM U214 C CHM U215	
Yr 1 SP	C ENG U111 College Writing	4.0 SH
Yr 1 SP	C BIO U106 Introduction to Experiential Education	1.0 SH
Yr 1 SP	C MTH U152 Calculus & Diff Eq -Biology 2	4.0 SH
	Semester Subtotal	19.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	Org/Pop Bio Elective	5.0 SH
Yr 2 FL	C CHM U311 Organic Chemistry1	4.0 SH
	Coreq(s): C CHM U312	
Yr 2 FL	C CHM U312 Lab for CHM U311	1.0 SH
	Coreq(s): C CHM U311	
Yr 2 FL	BS Core Course	4.0 SH
Yr 2 FL	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 SP	C BIO U301 Genetics and Molecular Biology	4.0 SH
	Coreq(s): C BIO U302	
Yr 2 SP	C BIO U302 Lab for BIOU301	1.0 SH
	Coreq(s): C BIO U301	
Yr 2 SP	C CHM U313 Organic Chemistry 2	4.0 SH
	Coreq(s): C CHM U314	
Yr 2 SP	C CHM U314 Lab CHM U313	1.0 SH
	Coreq(s): C CHM U313	
Yr 2 SP	BS Core Course	4.0 SH
Yr 2 SP	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH

Yr 3 SP	C PHY U145 Physics for Life Sciences 1	4.0 SH
	Coreq(s): C PHY U146	
Yr 3 SP	C PHY U146 Lab for PHY U145	1.0 SH
	Coreq(s): C PHY U145	
Yr 3 SP	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 SP	Cell/Mol Bio Elective	5.0 SH
Yr 3 SP	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 3 S1	BIO Intermed/Adv UG Elective	5.0 SH
Yr 3 S1	Free Elective	4.0 SH
	Semester Subtotal	9.0 SH
Yr 3 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 SP	C PHY U147 Physics for Life Sciences 2	4.0 SH
	Coreq(s): C PHY U148	
Yr 4 SP	C PHY U148 Lab for PHY U147	1.0 SH
	Coreq(s): C PHY U147	
Yr 4 SP	BIO Intermed/Adv UG Elective	5.0 SH
Yr 4 SP	BS Core Course	4.0 SH
Yr 4 SP	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 4 S1	BIO Intermed/Adv UG Elective	5.0 SH
Yr 4 S1	Free Elective	4.0 SH
	Semester Subtotal	9.0 SH
Yr 4 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 SP	C BIO U701 Biology Capstone	4.0 SH
Yr 5 SP	Intermed/Adv Science Elective	4.0 SH
Yr 5 SP	BS Core Course	4.0 SH
Yr 5 SP	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH

Program Total**144.0 SH**

MDS 318 BS Biology Div B

Yr 1 FL	C BIO U101 Principles of Biology 1	4.0 SH
	Coreq(s): C BIO U102	
Yr 1 FL	C BIO U102 Lab for BIO U101	1.0 SH
	Coreq(s): C BIO U101	
Yr 1 FL	C CHM U211 General Chemistry 1	4.0 SH
	Coreq(s): C CHM U212 C CHM U213	
Yr 1 FL	C CHM U212 Lab for CHM U211	1.0 SH
	Coreq(s): C CHM U211 C CHM U213	
Yr 1 FL	C CHM U213 Recitation for CHM U211	0.0 SH
	Coreq(s): C CHM U211 C CHM U212	
Yr 1 FL	C MTH U151 Calculus & Diff Eq -Biology 1	4.0 SH
Yr 1 FL	C BIO U100 College: An Introduction	1.0 SH
Yr 1 FL	BS Core Course	4.0 SH
	Semester Subtotal	19.0 SH
Yr 1 SP	C BIO U103 Principles of Biology 2	4.0 SH
	Coreq(s): C BIO U104	
Yr 1 SP	C BIO U104 Lab for BIO U103	1.0 SH
	Coreq(s): C BIO U103	
Yr 1 SP	C CHM U214 General Chemistry 2	4.0 SH
	Coreq(s): C CHM U215 C CHM U216	
Yr 1 SP	C CHM U215 Lab for CHM U214	1.0 SH
	Coreq(s): C CHM U214 C CHM U216	
Yr 1 SP	C CHM U216 Recitation for CHM U214	0.0 SH
	Coreq(s): C CHM U214 C CHM U215	
Yr 1 SP	C ENG U111 College Writing	4.0 SH
Yr 1 SP	C BIO U106 Introduction to Experiential Education	1.0 SH
Yr 1 SP	C MTH U152 Calculus & Diff Eq -Biology 2	4.0 SH
	Semester Subtotal	19.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C BIO U301 Genetics & Molecular Biology	4.0 SH
	Coreq(s): C BIO U302	
Yr 2 FL	C BIO U302 Lab for BIO U301	1.0 SH
	Coreq(s): C BIO U301	
Yr 2 FL	C CHM U311 Organic Chemistry1	4.0 SH
	Coreq(s): C CHM U312	
Yr 2 FL	C CHM U312 Lab for CHM U311	1.0 SH
	Coreq(s): C CHM U311	
Yr 2 FL	BS Core Course	4.0 SH
Yr 2 FL	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	C CHM U313 Organic Chemistry 2	4.0 SH
	Coreq(s): C CHM U314	
Yr 2 S2	C CHM U314 Lab CHM U313	1.0 SH
	Coreq(s): C CHM U313	
Yr 2 S2	Cell/Mol or Org/Pop Bio Elective	5.0 SH
	Semester Subtotal	10.0 SH

Yr 3 FL	C PHY U145 Physics for Life Sciences 1	4.0 SH
	Coreq(s): C PHY U146	
Yr 3 FL	C PHY U146 Lab for PHY U145	1.0 SH
	Coreq(s): C PHY U145	
Yr 3 FL	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 FL	Cell/Mol or Org/Pop Bio Elective	5.0 SH
Yr 3 FL	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 3 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S2	BIO Intermed/Adv UG Elective	5.0 SH
Yr 3 S2	Free Elective	4.0 SH
	Semester Subtotal	9.0 SH
Yr 4 FL	C PHY U147 Physics for Life Sciences 2	4.0 SH
	Coreq(s): C PHY U148	
Yr 4 FL	C PHY U148 Lab for PHY U147	1.0 SH
	Coreq(s): C PHY U147	
Yr 4 FL	BS Core Course	4.0 SH
Yr 4 FL	BIO Intermed/Adv UG Elective	5.0 SH
Yr 4 FL	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 4 SP	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 FL	C BIO U701 Biology Capstone	4.0 SH
Yr 5 FL	BIO Intermed/Adv UG Elective	5.0 SH
Yr 5 FL	BS Core Course	4.0 SH
Yr 5 FL	Free Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 5 SP	Intermed/Adv ScienceElective	4.0 SH
Yr 5 SP	Free Elective	4.0 SH
Yr 5 SP	Free Elective	4.0 SH
Yr 5 SP	Free Elective	4.0 SH
	Semester Subtotal	16.0 SH

Program Total**144.0 SH**

MDS 318 BS Biology Div C

Yr 1 FL	C BIO U101 Principles of Biology 1	4.0 SH
	Coreq(s): C BIO U102	
Yr 1 FL	C BIO U102 Lab for BIO U101	1.0 SH
	Coreq(s): C BIO U101	
Yr 1 FL	C CHM U211 General Chemistry 1	4.0 SH
	Coreq(s): C CHM U212 C CHM U213	
Yr 1 FL	C CHM U212 Lab for CHM U211	1.0 SH
	Coreq(s): C CHM U211 C CHM U213	
Yr 1 FL	C CHM U213 Recitation for CHM U211	0.0 SH
	Coreq(s): C CHM U211 C CHM U212	
Yr 1 FL	C MTH U151 Calculus & Diff Eq -Biology 1	4.0 SH
Yr 1 FL	C BIO U100 College: An Introduction	1.0 SH
Yr 1 FL	Free Elective	4.0 SH
	Semester Subtotal	19.0 SH
Yr 1 SP	C BIO U103 Principles of Biology 2	4.0 SH
	Coreq(s): C BIO U104	
Yr 1 SP	C BIO U104 Lab for BIO U103	1.0 SH
	Coreq(s): C BIO U103	
Yr 1 SP	C CHM U214 General Chemistry 2	4.0 SH
	Coreq(s): C CHM U215 C CHM U216	
Yr 1 SP	C CHM U215 Lab for CHM U214	1.0 SH
	Coreq(s): C CHM U214 C CHM U216	
Yr 1 SP	C CHM U216 Recitation for CHM U214	0.0 SH
	Coreq(s): C CHM U214 C CHM U215	
Yr 1 SP	C ENG U111 College Writing	4.0 SH
Yr 1 SP	C BIO U106 Introduction to Experiential Education	1.0 SH
Yr 1 SP	C MTH U152 Calculus & Diff Eq -Biology 2	4.0 SH
	Semester Subtotal	19.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C BIO U301 Genetics & Molecular Biology	4.0 SH
	Coreq(s): C BIO U302	
Yr 2 FL	C BIO U302 Lab for BIO U301	1.0 SH
	Coreq(s): C BIO U301	
Yr 2 FL	C CHM U311 Organic Chemistry1	4.0 SH
	Coreq(s): C CHM U312	
Yr 2 FL	C CHM U312 Lab for CHM U311	1.0 SH
	Coreq(s): C CHM U311	
Yr 2 FL	BS Core Course	4.0 SH
Yr 2 FL	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 SP	C CHM U313 Organic Chemistry 2	4.0 SH
	Coreq(s): C CHM U314	
Yr 2 SP	C CHM U314 Lab CHM U313	1.0 SH
	Coreq(s): C CHM U313	
Yr 2 SP	Cell/Mol or Org/Pop Bio Elective	5.0 SH
Yr 2 SP	BS Core Course	4.0 SH
Yr 2 SP	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH

Yr 3 FL	C PHY U145 Physics for Life Sciences 1	4.0 SH
	Coreq(s): C PHY U146	
Yr 3 FL	C PHY U146 Lab for PHY U145	1.0 SH
	Coreq(s): C PHY U145	
Yr 3 FL	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 FL	Cell/Mol or Org/Pop Bio Elective	5.0 SH
Yr 3 FL	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 3 SP	C PHY U147 Physics for Life Sciences 2	4.0 SH
	Coreq(s): C PHY U148	
Yr 3 SP	C PHY U148 Lab for PHY U147	1.0 SH
	Coreq(s): C PHY U147	
Yr 3 SP	BIO Intermed/Adv UG Elective	5.0 SH
Yr 3 SP	BS Core Course	4.0 SH
Yr 3 SP	Free Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 3 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 FL	C BIO U701 Biology Capstone	4.0 SH
Yr 4 FL	BIO Intermed/Adv UG Elective	5.0 SH
Yr 4 FL	BS Core Course	4.0 SH
Yr 4 FL	Free Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 4 SP	BIO Intermed/Adv UG Elective	5.0 SH
Yr 4 SP	BS Core Course	4.0 SH
Yr 4 SP	Intermed/Adv ScienceElective	4.0 SH
Yr 4 SP	Free Elective	4.0 SH
	Semester Subtotal	17.0 SH

Program Total**144.0 SH**

MDS 386 BS Biomedical Physics Div A

Yr 1 FL	C PHY U100 College: An Introduction	1.0 SH
Yr 1 FL	C MTH U241 Calculus 1 for Sci/Engr	4.0 SH
Yr 1 FL	C BIO U111 General Biology 1 Coreq(s): C BIO U112	4.0 SH
Yr 1 FL	C BIO U112 Lab for BIO U111 Coreq(s): C BIO U111	1.0 SH
Yr 1 FL	C ENG U111 College Writing	4.0 SH
Yr 1 FL	C PHY U161 Physics 1 Coreq(s): C PHY U162	4.0 SH
Yr 1 FL	C PHY U162 Lab for PHY U161 Coreq(s): C PHY U161	1.0 SH
	Semester Subtotal	19.0 SH
Yr 1 SP	C PHY U165 Physics 2 Coreq(s): C PHY U166	4.0 SH
Yr 1 SP	C PHY U166 Lab for PHY U165 Coreq(s): C PHY U165	1.0 SH
Yr 1 SP	A GE U111 Engr Prob Solv & Comp	4.0 SH
Yr 1 SP	C MTH U242 Calculus 2 for Sci/Engr	4.0 SH
Yr 1 SP	BS Core – Cat 2 Course	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C PHY U303 Modern Physics	4.0 SH
Yr 2 FL	C CHM U211 General Chemistry 1 Coreq(s): C CHM U212 C CHM U213	4.0 SH
Yr 2 FL	C CHM U212 Lab for CHMU211 Coreq(s): C CHM U211 C CHM U213	1.0 SH
Yr 2 FL	C CHM U213 Recitation for CHM U211 Coreq(s): C CHM U211 C CHM U212	0.0 SH
Yr 2 FL	C PHY U372 Lab for PHY U371 Coreq(s): C PHY U371	0.0 SH
Yr 2 FL	C PHY U371 Electronics Coreq(s): C PHY U372	4.0 SH
Yr 2 FL	C MTH U341 Calculus 3 for Sci/Engr	4.0 SH
	Semester Subtotal	17.0 SH
Yr 2 SP	BS Core	4.0 SH
Yr 2 SP	C PHY U305 Thermo & Statistical Mechanics	4.0 SH
Yr 2 SP	C BIO U113 General Biology 2 Coreq(s): C BIO U114	4.0 SH
Yr 2 SP	C BIO U114 Lab for BIO U113 Coreq(s): C BIO U113	1.0 SH
Yr 2 SP	GE General Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 2 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH

Yr 3 SP	Diversity Reqt or Free Elective	4.0 SH
Yr 3 SP	C PHY U602 Electricity & Magnetism	4.0 SH
Yr 3 SP	PHY Technical Elective	4.0 SH
Yr 3 SP	BA Core - Cat 2 Course	4.0 SH
	Semester Subtotal	16.0 SH
Yr 3 S1	C PHY U603 ElectroMagnetic Waves & Optics	4.0 SH
Yr 3 S1	C PHY U600 Advanced Physics Lab 1	4.0 SH
	Semester Subtotal	8.0 SH
Yr 3 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 SP	C PHY U651 Medical Physics Seminar 1	4.0 SH
Yr 4 SP	C PHY U621 Biological Physics 1	4.0 SH
Yr 4 SP	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 4 SP	PHY Technical Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 S1	C PHY U954 Experiential Ed Directed Study	4.0 SH
Yr 4 S1	C PHY U623 Medical Physics	4.0 SH
	Semester Subtotal	8.0 SH
Yr 4 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 FL	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 5 SP	C PHY U700 Adv Physics Lab 2	4.0 SH
Yr 5 SP	C PHY U652 Medical Physics Seminar 2	4.0 SH
Yr 5 SP	Analysis Core Course	4.0 SH
Yr 5 SP	Hst,Eth &Aesth Core Course	4.0 SH
	Semester Subtotal	16.0 SH

Program Total**134.0 SH**

MDS 386 BS Biomedical Physics Div C

Yr 1 FL	C PHY U100 College: An Introduction	1.0 SH
Yr 1 FL	C ENG U111 College Writing	4.0 SH
Yr 1 FL	C MTH U241 Calculus 1 for Sci/Engr	4.0 SH
Yr 1 FL	C BIO U111 General Biology 1 Coreq(s): C BIO U112	4.0 SH
Yr 1 FL	C BIO U112 Lab for BIO U111 Coreq(s): C BIO U111	1.0 SH
Yr 1 FL	C PHY U161 Physics 1 Coreq(s): C PHY U162	4.0 SH
Yr 1 FL	C PHY U162 Lab for PHY U161 Coreq(s): C PHY U161	1.0 SH
	Semester Subtotal	19.0 SH
Yr 1 SP	C PHY U165 Physics 2 Coreq(s): C PHY U166	4.0 SH
Yr 1 SP	C PHY U166 Lab for PHY U165 Coreq(s): C PHY U165	1.0 SH
Yr 1 SP	C MTH U242 Calculus 2 for Sci/Engr	4.0 SH
Yr 1 SP	A GE U111 Engr Prob Solve & Comp	4.0 SH
Yr 1 SP	BS Core – Cat 2 Course	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 1 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 FL	C PHY U303 Modern Physics	4.0 SH
Yr 2 FL	C MTH U341 Calculus 3 for Sci/Engr	4.0 SH
Yr 2 FL	C PHY U371 Electronics Coreq(s): C PHY U372	4.0 SH
Yr 2 FL	C PHY U372 Lab for PHY U371 Coreq(s): C PHY U371	0.0 SH
Yr 2 FL	C CHM U211 General Chem 1 Coreq(s): C CHM U212 C CHM U213	4.0 SH
Yr 2 FL	C CHM U212 Lab for CHMU211 Coreq(s): C CHM U211 C CHM U213	1.0 SH
Yr 2 FL	C CHM U213 Recitation for CHM U211 Coreq(s): C CHM U211 C CHM U212	0.0 SH
	Semester Subtotal	17.0 SH
Yr 2 SP	BS Core	4.0 SH
Yr 2 SP	C PHY U305 Thermo & Statistical Mechanics	4.0 SH
Yr 2 SP	C BIO U113 General Biology 2 Coreq(s): C BIO U114	4.0 SH
Yr 2 SP	C BIO U114 Lab for BIO U113 Coreq(s): C BIO U113	1.0 SH
Yr 2 SP	GE General Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 2 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 FL	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 FL	C PHY U602 Electricity & Magnetism	4.0 SH
Yr 3 FL	BA Core - Cat 2 Course	4.0 SH
Yr 3 FL	PHY Technical Elective	4.0 SH
	Semester Subtotal	16.0 SH

Yr 3 SP	C PHY U600 Advanced Physics Lab 1	4.0 SH
Yr 3 SP	C PHY U651 Medical Physics Seminar 1	4.0 SH
Yr 3 SP	C PHY U603 ElectroMagnetic Waves & Optics	4.0 SH
Yr 3 SP	C PHY U621 Biological Physics 1	4.0 SH
	Semester Subtotal	16.0 SH
Yr 3 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 FL	C PHY U623 Medical Physics	4.0 SH
Yr 4 FL	C PHY U954 Experiential Ed Directed Study	4.0 SH
Yr 4 FL	Diversity Requirement	4.0 SH
Yr 4 FL	PHY Technical Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 SP	C PHY U700 Adv Physics Lab 2	4.0 SH
Yr 4 SP	C PHY U652 Medical Physics Seminar 2	4.0 SH
Yr 4 SP	Hst,Eth &Aesth Core Course	4.0 SH
Yr 4 SP	Analysis Core Course	4.0 SH
	Semester Subtotal	16.0 SH

Program Total**134.0 SH**