

College of Arts and Sciences

MDS 325 BA African-American Studies Div A		
Yr 1 FL	C AFR U101 African-American Studies	4.0 SH
Yr 1 FL	C AFR U109 Foundations of Black Culture 1	4.0 SH
Yr 1 FL	C MTH U115 Mathematical Thinking Coreq(s): C MTH U116	4.0 SH
Yr 1 FL	C ENG U111 College Writing	4.0 SH
	Semester Subtotal	16.0 SH
Yr 1 SP	C AFR U185 Gender in the African Diaspora	4.0 SH
Yr 1 SP	C AFR U663 Early African-American Lit	4.0 SH
Yr 1 SP	C AFR U310 Appl Rsrch in the African Diaspora	4.0 SH
Yr 1 SP	NU Core course or Elective	4.0 SH
	Semester Subtotal	16.0 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	AFR Intermed/Adv UG Elective	4.0 SH
Yr 2 FL	Foreign Language Core Course	4.0 SH
Yr 2 FL	AFR Intermed/Adv UG Elective	4.0 SH
Yr 2 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 2 SP	M COP U101 Professional Development Co-op	1.0 SH
Yr 2 SP	AFR Intermed/Adv UG Elective	4.0 SH
Yr 2 SP	Foreign Language Core Course	4.0 SH
Yr 2 SP	AFR Intermed/Adv UG Elective	4.0 SH
Yr 2 SP	NU Core Course or 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	C AFR U700 Advanced Seminar	4.0 SH
Yr 3 SP	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 SP	AFR Intermed/Adv UG Elective	4.0 SH
Yr 3 SP	Foreign Language Core Course	4.0 SH
	Semester Subtotal	16.0 SH
Yr 3 S1	NU Core course or Elective	4.0 SH
Yr 3 S1	Upper Division Elective	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	NU Core course or Elective	4.0 SH
Yr 4 SP	NU Core course or Elective	4.0 SH
Yr 4 SP	AFR Intermed/Adv UG Elective	4.0 SH
Yr 4 SP	Upper Division Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 S1	NU Core course or Elective	4.0 SH
Yr 4 S1	NU Core Course or Elective	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	NU Core Course or Elective	4.0 SH
Yr 5 SP	NU Core Course or Elective	4.0 SH
Yr 5 SP	Upper Division Elective	4.0 SH
Yr 5 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 SH

MDS 325 BA African-American Studies Div B		
Yr 1 FL	C AFR U101 African-American Studies	4.0 SH
Yr 1 FL	C AFR U109 Foundations of Black Culture 1	4.0 SH
Yr 1 FL	C MTH U115 Mathematical Thinking Coreq(s): C MTH U116	4.0 SH
Yr 1 FL	C ENG U111 College Writing	4.0 SH
	Semester Subtotal	16.0 SH
Yr 1 SP	C AFR U185 Gender in the African Diaspora	4.0 SH
Yr 1 SP	C AFR U663 Early African-American Lit	4.0 SH
Yr 1 SP	C AFR U310 Appl Rsrch in the African Diaspora	4.0 SH
Yr 1 SP	NU Core course or Elective	4.0 SH
	Semester Subtotal	16.0 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	M COP U101 Professional Development Co-op	1.0 SH
Yr 2 FL	AFR Intermed/Adv UG Elective	4.0 SH
Yr 2 FL	Foreign Language Core Course	4.0 SH
Yr 2 FL	AFR Intermed/Adv UG Elective	4.0 SH
Yr 2 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	17.0 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 1 SP	C AFR U185 Gender in the African Diaspora	4.0 SH	Yr 5 SP	Upper Division Elective	4.0 SH
Yr 1 SP	C AFR U663 Early African-American Lit	4.0 SH	Yr 5 SP	Upper Division Elective	4.0 SH
Yr 1 SP	C AFR U310 Appl Rsrch in the African Diaspora	4.0 SH	Yr 5 SP	NU Core Course or Elective	4.0 SH
Yr 1 SP	NU Core course or Elective	4.0 SH	Yr 5 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 SH		Semester Subtotal	16.0 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	AFR Intermed/Adv UG Elective	4.0 SH			
Yr 2 FL	NU Core course or Elective	4.0 SH			
Yr 2 FL	AFR Intermed/Adv UG Elective	4.0 SH			
Yr 2 FL	NU Core Course or Elective	4.0 SH			
	Semester Subtotal	16.0 SH			
Yr 2 SP	M COP U101 Professional Development Co-op	1.0 SH			
Yr 2 SP	AFR Intermed/Adv UG Elective	4.0 SH			
Yr 2 SP	NU Core course or Elective	4.0 SH			
Yr 2 SP	AFR Intermed/Adv UG Elective	4.0 SH			
Yr 2 SP	NU Core Course or 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	C AFR U700 Advanced Seminar	4.0 SH			
Yr 3 SP	C ENG U301 Advanced Writing in Discipline	4.0 SH			
Yr 3 SP	AFR Intermed/Adv UG Elective	4.0 SH			
Yr 3 SP	NU Core course or Elective	4.0 SH			
	Semester Subtotal	16.0 SH			
Yr 3 S1	NU Core Course or Elective	4.0 SH			
Yr 3 S1	NU Core Course or Elective	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	AFR Intermed/Adv UG Elective	4.0 SH			
Yr 4 SP	Upper Division Elective	4.0 SH			
Yr 4 SP	NU Core Course or Elective	4.0 SH			
Yr 4 SP	NU Core Course or Elective	4.0 SH			
	Semester Subtotal	16.0 SH			
Yr 4 S1	NU Core course or Elective	4.0 SH			
Yr 4 S1	NU Core Course or Elective	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			

MDS 325 BS African-American Studies Div B					
Yr 1 FL	C AFR U101 African-American Studies	4.0 SH			
Yr 1 FL	C AFR U109 Foundations of Black Culture 1	4.0 SH			
Yr 1 FL	C MTH U115 Mathematical Thinking	4.0 SH			
	Coreq(s): C MTH U116				
Yr 1 FL	C ENG U111 College Writing	4.0 SH			
	Semester Subtotal	16.0 SH			
Yr 1 SP	C AFR U185 Gender in the African Diaspora	4.0 SH			
Yr 1 SP	C AFR U663 Early African-American Lit	4.0 SH			
Yr 1 SP	C AFR U310 Appl Rsrch in the African Diaspora	4.0 SH			
Yr 1 SP	NU Core course or Elective	4.0 SH			
	Semester Subtotal	16.0 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	M COP U101 Professional Development Co-op	1.0 SH			
Yr 2 FL	AFR Intermed/Adv UG Elective	4.0 SH			
Yr 2 FL	NU Core course or Elective	4.0 SH			
Yr 2 FL	AFR Intermed/Adv UG Elective	4.0 SH			
Yr 2 FL	NU Core Course or Elective	4.0 SH			
	Semester Subtotal	17.0 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	NU Core course or Elective	4.0 SH			
Yr 2 S2	NU Core Course or Elective	4.0 SH			
	Semester Subtotal	8.0 SH			
Yr 3 FL	AFR Intermed/Adv UG Elective	4.0 SH			
Yr 3 FL	NU Core course or Elective	4.0 SH			
Yr 3 FL	NU Core Course or Elective	4.0 SH			
Yr 3 FL	AFR Intermed/Adv UG Elective	4.0 SH			
	Semester Subtotal	16.0 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	NU Core Course or Elective	4.0 SH			
Yr 3 S2	NU Core Course or Elective	4.0 SH			
	Semester Subtotal	8.0 SH			

Yr 4 FL	C AFR U700 Advanced Seminar	4.0 SH	Yr 2 S2	VACATION	0.0 SH
Yr 4 FL	C ENG U301 Advanced Writing in Discipline	4.0 SH		Semester Subtotal	0.0 SH
Yr 4 FL	AFR Intermed/Adv UG Elective	4.0 SH			
Yr 4 FL	NU Core course or Elective	4.0 SH	Yr 3 FL	C AFR U700 Advanced Seminar	4.0 SH
	Semester Subtotal	16.0 SH	Yr 3 FL	C ENG U301 Advanced Writing in Discipline	4.0 SH
			Yr 3 FL	AFR Intermed/Adv UG Elective	4.0 SH
Yr 4 SP	CO-OP	0.0 SH	Yr 3 FL	NU Core course or Elective	4.0 SH
	Semester Subtotal	0.0 SH		Semester Subtotal	16.0 SH
Yr 4 S1	CO-OP	0.0 SH	Yr 3 SP	Upper Division Elective	4.0 SH
	Semester Subtotal	0.0 SH	Yr 3 SP	Upper Division Elective	4.0 SH
			Yr 3 SP	NU Core Course or Elective	4.0 SH
Yr 4 S2	VACATION	0.0 SH	Yr 3 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	0.0 SH		Semester Subtotal	16.0 SH
Yr 5 FL	Upper Division Elective	4.0 SH	Yr 3 S1	VACATION	0.0 SH
Yr 5 FL	AFR Undergraduate Elective	4.0 SH		Semester Subtotal	0.0 SH
Yr 5 FL	NU Core Course or Elective	4.0 SH			
Yr 5 FL	NU Core Course or Elective	4.0 SH	Yr 3 S2	VACATION	0.0 SH
	Semester Subtotal	16.0 SH		Semester Subtotal	0.0 SH
Yr 5 SP	Upper Division Elective	4.0 SH	Yr 4 FL	NU Core course or Elective	4.0 SH
Yr 5 SP	Upper Division Elective	4.0 SH	Yr 4 FL	AFR Intermed/Adv UG Elective	4.0 SH
Yr 5 SP	NU Core Course or Elective	4.0 SH	Yr 4 FL	NU Core Course or Elective	4.0 SH
Yr 5 SP	NU Core Course or Elective	4.0 SH	Yr 4 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 SH		Semester Subtotal	16.0 SH
			Yr 4 SP	Upper Division Elective	4.0 SH
			Yr 4 SP	NU Core Course or Elective	4.0 SH
			Yr 4 SP	NU Core Course or Elective	4.0 SH
			Yr 4 SP	NU Core Course or Elective	4.0 SH
				Semester Subtotal	16.0 SH
MDS 325 BS African-American Studies Div C					
Yr 1 FL	C AFR U101 African-American Studies	4.0 SH			
Yr 1 FL	C AFR U109 Foundations of Black Culture 1	4.0 SH			
Yr 1 FL	C MTH U115 Mathematical Thinking	4.0 SH			
	Coreq(s): C MTH U116				
Yr 1 FL	C ENG U111 College Writing	4.0 SH			
	Semester Subtotal	16.0 SH			
Yr 1 SP	C AFR U185 Gender in the African Diaspora	4.0 SH			
Yr 1 SP	C AFR U663 Early African-American Lit	4.0 SH			
Yr 1 SP	C AFR U310 Appl Rsrch in the African Diaspora	4.0 SH			
Yr 1 SP	NU Core course or Elective	4.0 SH			
	Semester Subtotal	16.0 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	AFR Intermed/Adv UG Elective	4.0 SH			
Yr 2 FL	NU Core course or Elective	4.0 SH			
Yr 2 FL	AFR Intermed/Adv UG Elective	4.0 SH			
Yr 2 FL	NU Core Course or Elective	4.0 SH			
	Semester Subtotal	16.0 SH			
Yr 2 SP	AFR Intermed/Adv UG Elective	4.0 SH			
Yr 2 SP	NU Core course or Elective	4.0 SH			
Yr 2 SP	NU Core Course or Elective	4.0 SH			
Yr 2 SP	AFR Intermed/Adv UG Elective	4.0 SH			
	Semester Subtotal	16.0 SH			
Yr 2 S1	VACATION	0.0 SH			
	Semester Subtotal	0.0 SH			

MDS 353 BS American Sign Language Div C

Yr 1 FL	C ASL U150 Deaf People in Society	4.0 SH
Yr 1 FL	C ASL U101 Elementary ASL 1	4.0 SH
Yr 1 FL	C ENG U111 College Writing	4.0 SH
Yr 1 FL	C ASL U100 American Sign Language at NU	1.0 SH
Yr 1 FL	NU Core course or Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 SP	C ASL U102 Elementary ASL 2	4.0 SH
Yr 1 SP	C MTH U115 Mathematical Thinking	4.0 SH
	Coreq(s): C MTH U116	
Yr 1 SP	NU Core course or Elective	4.0 SH
Yr 1 SP	NU Core course or Elective	4.0 SH
	Semester Subtotal	16.0 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 ASL U350 Deaf History and Culture	4.0 SH
Yr 2 FL	C ASL U301 Intermediate ASL 1	4.0 SH
Yr 2 FL	C LIN U150 Intro to Lang & Linguistics	4.0 SH
Yr 2 FL	NU Core course or Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 2 SP	C ASL U302 Intermediate ASL 2	4.0 SH
Yr 2 SP	C ASL U460 ASL Linguistics	4.0 SH
Yr 2 SP	NU Core Course or Elective	4.0 SH
Yr 2 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 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 ASL U550 The Interpreting Profession	2.0 SH
Yr 3 FL	C ASL U510 Interpreting Inquiry Texts	4.0 SH
Yr 3 FL	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	14.0 SH
Yr 3 SP	C ASL U515 Interpreting Narrative Texts	4.0 SH
Yr 3 SP	C ASL U580 Performance Interpreting	4.0 SH
Yr 3 SP	NU Core Course or Elective	4.0 SH
Yr 3 SP	NU Core Course or Elective	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 ASL U650 Ethical Decision-Making	4.0 SH
	Coreq(s): C ASL U651	
Yr 4 FL	C ASL U610 Interpreting Expository Texts	4.0 SH
Yr 4 FL	C ASL U651 Ethical Fieldwork	2.0 SH
	Coreq(s): C ASL U650	
Yr 4 FL	C ASL U960 Interpreting Research Capstone	4.0 SH
Yr 4 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	18.0 SH

Yr 4 SP	C ASL U615 Interpreting Persuasive Texts	4.0 SH
Yr 4 SP	C ASL U950 Interpreting Practicum	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 SH

MDS 513 BS American Sign Language & Human Services**Div C**

Yr 1 FL	C ASL U101 Elementary ASL 1	4.0 SH
Yr 1 FL	C ASL U150 Deaf People in Society	4.0 SH
Yr 1 FL	C PSY U101 Foundations of Psychology	4.0 SH
Yr 1 FL	C ENG U111 College Writing	4.0 SH
	Semester Subtotal	16.0 SH
Yr 1 SP	C ASL U102 Elementary ASL 2	4.0 SH
Yr 1 SP	C MTH U115 Mathematical Thinking	4.0 SH
	Coreq(s): C MTH U116	
Yr 1 SP	C SOC U101 Introduction to Sociology	4.0 SH
Yr 1 SP	NU Core course or Elective	4.0 SH
	Semester Subtotal	16.0 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 ASL U301 Intermediate ASL 1	4.0 SH
Yr 2 FL	C LIN U150 Intro to Lang & Linguistics	4.0 SH
Yr 2 FL	C ASL U560 ASL-English Contrastive Anlys	4.0 SH
Yr 2 FL	C HS U101 Human Services Professions	4.0 SH
	Semester Subtotal	16.0 SH
Yr 2 SP	C ASL U302 Intermediate ASL 2	4.0 SH
Yr 2 SP	C ASL U460 ASL Linguistics	4.0 SH
Yr 2 SP	C SOC U324 Human Serv Research and Eval	4.0 SH
Yr 2 SP	NU Core course or Elective	4.0 SH
	Semester Subtotal	16.0 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 ASL U350 Deaf History and Culture	4.0 SH
Yr 3 FL	C SOC U440 Soc of Human Service Organizat	4.0 SH
Yr 3 FL	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 FL	NU Core course or Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 3 SP	C HS U300 Counseling in Human Services	4.0 SH
Yr 3 SP	C ASL U510 Interpreting Inquiry Texts	4.0 SH
Yr 3 SP	NU Core course or Elective	4.0 SH
Yr 3 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 FL	C ASL U960 Interpreting Research Capstone	4.0 SH
Yr 4 FL	C SOC U401 Soc Policy & Soc Intervention	4.0 SH
Yr 4 FL	NU Core Course or Elective	4.0 SH
Yr 4 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 SP	C HS U940 Human Services Internship	6.0 SH
Yr 4 SP	C HS U700 Senior Sem in Human Services	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	18.0 SH

MDS 511 BS American Sign Language & Psychology Div C

Yr 1 FL	C ASL U101 Elementary ASL 1	4.0 SH
Yr 1 FL	C ASL U150 Deaf People in Society	4.0 SH
Yr 1 FL	C PSY U101 Foundations of Psychology	4.0 SH
Yr 1 FL	C ENG U111 College Writing	4.0 SH
	Semester Subtotal	16.0 SH
Yr 1 SP	C ASL U102 Elementary ASL 2	4.0 SH
Yr 1 SP	C MTH U115 Mathematical Thinking	4.0 SH
	Coreq(s): C MTH U116	
Yr 1 SP	NU Core course or Elective	4.0 SH
Yr 1 SP	NU Core course or Elective	4.0 SH
	Semester Subtotal	16.0 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 ASL U301 Intermediate ASL 1	4.0 SH
Yr 2 FL	C LIN U150 Intro to Lang & Linguistics	4.0 SH
Yr 2 FL	C ASL U350 Deaf History and Culture	4.0 SH
Yr 2 FL	NU Core course or Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 2 SP	C ASL U302 Intermediate ASL 2	4.0 SH
Yr 2 SP	C ASL U460 ASL Linguistics	4.0 SH
Yr 2 SP	C PSY U320 Stats in Psychological Resrch	4.0 SH
Yr 2 SP	C PSY U464 Psychology of Language	4.0 SH
	Semester Subtotal	16.0 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 ASL U560 ASL-English Contrastive Anlys	4.0 SH
Yr 3 FL	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 FL	Psych Area A Elective	4.0 SH
Yr 3 FL	NU Core course or Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 3 SP	C PSY U524 Cognitive Development	4.0 SH
Yr 3 SP	C ASL U510 Interpreting Inquiry Texts	4.0 SH
Yr 3 SP	Psych Area B Elective	4.0 SH
Yr 3 SP	NU Core Course or Elective	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 ASL U960 Interpreting Research Capstone	4.0 SH
Yr 4 FL	C PSY U658 Seminar in Psycholinguistics	4.0 SH
Yr 4 FL	NU Core Course or Elective	4.0 SH
Yr 4 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 SH

Yr 4 SP	Psych Lab Elective	4.0 SH
Yr 4 SP	Psych Area A Elective	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 SH

MDS 512 BS American Sign Language & Theatre Div C

Yr 1 FL	C ASL U101 Elementary ASL 1	4.0 SH
Yr 1 FL	C ASL U150 Deaf People in Society	4.0 SH
Yr 1 FL	C THE U101 Art of the Theatre	4.0 SH
Yr 1 FL	C ENG U111 College Writing	4.0 SH
	Semester Subtotal	16.0 SH
Yr 1 SP	C ASL U102 Elementary ASL 2	4.0 SH
Yr 1 SP	C THE U120 Acting 1	4.0 SH
Yr 1 SP	C MTH U115 Mathematical Thinking Coreq(s): C MTH U116	4.0 SH
Yr 1 SP	NU Core course or Elective	4.0 SH
	Semester Subtotal	16.0 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 ASL U301 Intermediate ASL 1	4.0 SH
Yr 2 FL	C LIN U150 Intro to Lang & Linguistics	4.0 SH
Yr 2 FL	C ASL U350 Deaf History and Culture	4.0 SH
Yr 2 FL	C THE U270 Theatrical Design	4.0 SH
	Semester Subtotal	16.0 SH
Yr 2 SP	C ASL U302 Intermediate ASL 2	4.0 SH
Yr 2 SP	C ASL U460 ASL Linguistics	4.0 SH
Yr 2 SP	C THE U131 Technical Theatre 1	4.0 SH
Yr 2 SP	NU Core course or Elective	4.0 SH
	Semester Subtotal	16.0 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 ASL U560 ASL-English Contrastive Anlys	4.0 SH
Yr 3 FL	C THE U325 Script Analysis for the Stage	4.0 SH
Yr 3 FL	C THE U701 Rehearsal and Performance	4.0 SH
Yr 3 FL	C ENG U301 Advanced Writing in Discipline	4.0 SH
	Semester Subtotal	16.0 SH
Yr 3 SP	C THE U250 Voice and Movement for Theatre	4.0 SH
Yr 3 SP	C THE U550 Concepts of Directing	4.0 SH
Yr 3 SP	C THE U300 Theatre History	4.0 SH
Yr 3 SP	NU Core course or Elective	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 THE U901 Theatre Practicum 1	1.0 SH
Yr 4 FL	C THE U500 Dramatic Theory/Criticism	4.0 SH
Yr 4 FL	C ASL U960 Interpreting Research Capstone	4.0 SH
Yr 4 FL	NU Core course or Elective	4.0 SH
Yr 4 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	17.0 SH

Yr 4 SP	C ASL U510 Interpreting Inquiry Texts	4.0 SH
Yr 4 SP	C THE U902 Theatre Practicum 2	1.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	17.0 SH

MDS 315 BS Applied Physics Div A

Yr 1 FL	C PHY U100 Physics at NU	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 PHY U161 Physics 1	4.0 SH
	Coreq(s): C PHY U162	
Yr 1 FL	C PHY U162 Lab for PHY U161	1.0 SH
	Coreq(s): C PHY U161	
Yr 1 FL	NU Core course or Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 1 SP	C PHY U165 Physics 2	4.0 SH
	Coreq(s): C PHY U166	
Yr 1 SP	C PHY U166 Lab for PHY U165	1.0 SH
	Coreq(s): C PHY U165	
Yr 1 SP	C MTH U242 Calculus 2 for Sci/Engr	4.0 SH
Yr 1 SP	A GE U111 Engr Prob Solv and Comp	4.0 SH
Yr 1 SP	NU Core course or Elective	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 U211 General Chemistry 1	4.0 SH
	Coreq(s): C CHM U212 C CHM U213	
Yr 2 FL	C CHM U212 Lab for CHM U211	1.0 SH
	Coreq(s): C CHM U211 C CHM U213	
Yr 2 FL	C CHM U213 Recitation for CHM U211	0.0 SH
	Coreq(s): C CHM U211 C CHM U212	
Yr 2 FL	C MTH U341 Calculus 3 for Sci/Engr	4.0 SH
	Coreq(s): C MTH U342	
Yr 2 FL	C PHY U371 Electronics	4.0 SH
	Coreq(s): C PHY U372	
Yr 2 FL	C PHY U372 Lab for PHY U371	0.0 SH
	Coreq(s): C PHY U371	
Yr 2 FL	C PHY U305 Thermo & Statistical Mechanics	4.0 SH
	Semester Subtotal	17.0 SH
Yr 2 SP	C PHY U303 Modern Physics	4.0 SH
Yr 2 SP	C MTH U345 Ordinary Differential Equation	4.0 SH
Yr 2 SP	M COP U101 Professional Development Co-op	1.0 SH
Yr 2 SP	NU Core Course or Elective	4.0 SH
Yr 2 SP	CS Intermed/Adv UG 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	C PHY U602 Electricity & Magnetism	4.0 SH
Yr 3 SP	NU Core course or Elective	4.0 SH
Yr 3 SP	PHY Technical Elective	4.0 SH
Yr 3 SP	NU Core course or Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 3 S1	C PHY U600 Advanced Physics Lab 1	4.0 SH
Yr 3 S1	PHY Technical Elective	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 ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 4 SP	CS Intermed/Adv UG Elective	4.0 SH
Yr 4 SP	NU Core Course or Elective	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	NU Core Course or Elective	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	PHY Technical Elective	4.0 SH
Yr 5 SP	NU Core Course or Elective	4.0 SH
Yr 5 SP	PHY Advanced Elective	4.0 SH
	Semester Subtotal	16.0 SH

MDS 315 BS Applied Physics Div C

Yr 1 FL	C PHY U100 Physics at NU	1.0 SH
Yr 1 FL	C ENG U111 College Writing	4.0 SH
Yr 1 FL	C PHY U161 Physics 1	4.0 SH
	Coreq(s): C PHY U162	
Yr 1 FL	C PHY U162 Lab for PHY U161	1.0 SH
	Coreq(s): C PHY U161	
Yr 1 FL	C MTH U241 Calculus 1 for Sci/Engr	4.0 SH
Yr 1 FL	NU Core course or Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 1 SP	C PHY U165 Physics 2	4.0 SH
	Coreq(s): C PHY U166	
Yr 1 SP	C PHY U166 Lab for PHY U165	1.0 SH
	Coreq(s): C PHY U165	
Yr 1 SP	C MTH U242 Calculus 2 for Sci/Engr	4.0 SH
Yr 1 SP	A GE U111 Engr Prob Solv and Comp	4.0 SH
Yr 1 SP	NU Core course or Elective	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 U211 General Chemistry 1 Coreq(s): C CHM U212 C CHM U213	4.0 SH
Yr 2 FL	C CHM U212 Lab for CHM U211 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 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 PHY U305 Thermo & Statistical Mechanics	4.0 SH
Yr 2 FL	C MTH U341 Calculus 3 for Sci/Engr Coreq(s): C MTH U342	4.0 SH
	Semester Subtotal	17.0 SH
Yr 2 SP	C PHY U303 Modern Physics	4.0 SH
Yr 2 SP	C MTH U345 Ordinary Differential Equation	4.0 SH
Yr 2 SP	CS Intermed/Adv UG Elective	4.0 SH
Yr 2 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 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	NU Core course or Elective	4.0 SH
Yr 3 FL	CS Intermed/Adv UG Elective	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 U602 Electricity & Magnetism	4.0 SH
Yr 3 SP	PHY Technical Elective	4.0 SH
Yr 3 SP	NU Core course or Elective	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 U954 Experiential Ed Directed Study	4.0 SH
Yr 4 FL	NU Core Course or Elective	4.0 SH
Yr 4 FL	PHY Technical Elective	4.0 SH
Yr 4 FL	NU Core Course or 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	PHY Advanced Elective	4.0 SH
Yr 4 SP	PHY Technical Elective	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 SH

MDS 553 BS/MS Applied Physics & Engineering Div A

Yr 1 FL	C PHY U100 Physics at NU	1.0 SH
Yr 1 FL	C MTH U241 Calculus 1 for Sci/Engr	4.0 SH
Yr 1 FL	C ENG U111 College Writing	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	
Yr 1 FL	C PHY U161 Physics 1	4.0 SH
	Coreq(s): C PHY U162	
Yr 1 FL	C PHY U162 Lab for PHY U161	1.0 SH
	Coreq(s): C PHY U161	
	Semester Subtotal	19.0 SH
Yr 1 SP	C PHY U165 Physics 2	4.0 SH
	Coreq(s): C PHY U166	
Yr 1 SP	C PHY U166 Lab for PHY U165	1.0 SH
	Coreq(s): C PHY U165	
Yr 1 SP	C MTH U242 Calculus 2 for Sci/Engr	4.0 SH
Yr 1 SP	A GE U111 Engr Prob Solv and Comp	4.0 SH
Yr 1 SP	NU Core course or Elective	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 U305 Thermo & Statistical Mechanics	4.0 SH
Yr 2 FL	C PHY U371 Electronics	4.0 SH
	Coreq(s): C PHY U372	
Yr 2 FL	C PHY U372 Lab for PHY U371	0.0 SH
	Coreq(s): C PHY U371	
Yr 2 FL	C MTH U341 Calculus 3 for Sci/Engr	4.0 SH
	Coreq(s): C MTH U342	
Yr 2 FL	GE Undergraduate Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 2 SP	A ECE U400 Linear Circuits	4.0 SH
Yr 2 SP	C MTH U345 Ordinary Differential Equation	4.0 SH
Yr 2 SP	C PHY U303 Modern Physics	4.0 SH
Yr 2 SP	M COP U101 Professional Development Co-op	1.0 SH
Yr 2 SP	NU Core course or 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	C PHY U602 Electricity & Magnetism	4.0 SH
Yr 3 SP	A ECE U402 Electronics	4.0 SH
	Coreq(s): A ECE U403	
Yr 3 SP	A ECE U403 Lab for ECE U402	1.0 SH
	Coreq(s): A ECE U402	
Yr 3 SP	A ECE U464 Linear Systems	4.0 SH
Yr 3 SP	A ECE U465 Lab for ECE U464	1.0 SH
Yr 3 SP	C ENG U301 Advanced Writing in Discipline	4.0 SH
	Semester Subtotal	18.0 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 SP	C PHY U617 Quantum Mechanics	4.0 SH
Yr 4 SP	A ECE G200 Linear Systems Analysis	4.0 SH
Yr 4 SP	A ECE G204 Appl Prob & Stochastic Proc	4.0 SH
Yr 4 SP	NU Core course or Elective	4.0 SH
	Semester Subtotal	16.0 SH

Yr 4 S1	NU Core course or Elective	4.0 SH
Yr 4 S1	NU Core Course or Elective	4.0 SH
	Semester Subtotal	8.0 SH

Yr 4 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH

Yr 5 FL	C PHY U954 Experiential Ed Directed Study	4.0 SH
Yr 5 FL	ECE Graduate Elective	4.0 SH
Yr 5 FL	ECE Graduate Elective	4.0 SH
Yr 5 FL	ECE Graduate Elective	4.0 SH
	Semester Subtotal	16.0 SH

Yr 5 SP	C PHY U700 Adv Physics Lab 2	4.0 SH
Yr 5 SP	ECE Graduate Elective	4.0 SH
Yr 5 SP	ECE Graduate Elective	4.0 SH
Yr 5 SP	ECE Graduate Elective	4.0 SH
	Semester Subtotal	16.0 SH

MDS 553 BS/MS Applied Physics & Engineering Div C

Yr 1 FL	C PHY U100 Physics at NU	1.0 SH
Yr 1 FL	C MTH U241 Calculus 1 for Sci/Engr	4.0 SH
Yr 1 FL	C ENG U111 College Writing	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	
Yr 1 FL	C PHY U161 Physics 1	4.0 SH
	Coreq(s): C PHY U162	
Yr 1 FL	C PHY U162 Lab for PHY U161	1.0 SH
	Coreq(s): C PHY U161	
	Semester Subtotal	19.0 SH

Yr 1 SP	C PHY U165 Physics 2	4.0 SH
	Coreq(s): C PHY U166	

Yr 1 SP	C PHY U166 Lab for PHY U165	1.0 SH
	Coreq(s): C PHY U165	

Yr 1 SP	A GE U111 Engr Prob Solv and Comp	4.0 SH
Yr 1 SP	C MTH U242 Calculus 2 for Sci/Engr	4.0 SH
Yr 1 SP	NU Core course or Elective	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 U305 Thermo & Statistical Mechanics	4.0 SH	Yr 5 FL	C PHY U700 Adv Physics Lab 2	4.0 SH
Yr 2 FL	C PHY U371 Electronics	4.0 SH	Yr 5 FL	ECE Graduate Elective	4.0 SH
	Coreq(s): C PHY U372		Yr 5 FL	ECE Graduate Elective	4.0 SH
Yr 2 FL	C PHY U372 Lab for PHY U371	0.0 SH	Yr 5 FL	ECE Graduate Elective	4.0 SH
	Coreq(s): C PHY U371		Yr 5 FL	Semester Subtotal	16.0 SH
Yr 2 FL	C MTH U341 Calculus 3 for Sci/Engr	4.0 SH			
	Coreq(s): C MTH U342				
Yr 2 FL	NU Core course or Elective	4.0 SH			
	Semester Subtotal	16.0 SH			
Yr 2 SP	A ECE U400 Linear Circuits	4.0 SH			
Yr 2 SP	C MTH U345 Ordinary Differential Equation	4.0 SH			
Yr 2 SP	C PHY U303 Modern Physics	4.0 SH			
Yr 2 SP	NU Core course or Elective	4.0 SH			
	Semester Subtotal	16.0 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	A ECE U402 Electronics	4.0 SH			
	Coreq(s): A ECE U403				
Yr 3 FL	A ECE U403 Lab for ECE U402	1.0 SH			
	Coreq(s): A ECE U402				
Yr 3 FL	A ECE U464 Linear Systems	4.0 SH			
Yr 3 FL	A ECE U465 Lab for ECE U464	1.0 SH			
	Semester Subtotal	18.0 SH			
Yr 3 SP	C PHY U603 ElectroMagnetic Waves & Optics	4.0 SH			
Yr 3 SP	NU Core Course or Elective	4.0 SH			
Yr 3 SP	NU Core course or Elective	4.0 SH			
Yr 3 SP	NU Core Course or Elective	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 U617 Quantum Mechanics	4.0 SH			
Yr 4 FL	C PHY U600 Advanced Physics Lab 1	4.0 SH			
Yr 4 FL	A ECE G200 Linear Systems Analysis	4.0 SH			
Yr 4 FL	A ECE G204 Appl Prob & Stochastic Proc	4.0 SH			
	Semester Subtotal	16.0 SH			
Yr 4 SP	C PHY U954 Experiential Ed Directed Study	4.0 SH			
Yr 4 SP	ECE Graduate Elective	4.0 SH			
Yr 4 SP	ECE Graduate Elective	4.0 SH			
Yr 4 SP	ECE Graduate Elective	4.0 SH			
	Semester Subtotal	16.0 SH			
Yr 4 S1	VACATION	0.0 SH			
	Semester Subtotal	0.0 SH			
Yr 4 S2	VACATION	0.0 SH			
	Semester Subtotal	0.0 SH			

MDS 395 BS Architecture Div A

Yr 1 FL	C ARC U256 Manual Representation	4.0 SH
Yr 1 FL	C ARC U111 Hist of World Architecture 1	4.0 SH
Yr 1 FL	C ARC U100 Architecture at NU	1.0 SH
Yr 1 FL	NU Core course or Elective	4.0 SH
Yr 1 FL	NU Core course or Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 SP	C ARC U257 Digital Representation	4.0 SH
Yr 1 SP	C ARC U112 Hist of World Architecture 2	4.0 SH
Yr 1 SP	C MTH U141 Calculus 1	4.0 SH
Yr 1 SP	C ENG U111 College Writing	4.0 SH
Yr 1 SP	M COP U101 Professional Development Co-op	1.0 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 ARC U310 Studio 1: Site, Type, Composi	6.0 SH
Yr 2 FL	C PHY U141 General Physics	4.0 SH
Yr 2 FL	C ARC U325 19th-C Architecture & Urbanism	4.0 SH
Yr 2 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 SP	C ARC U311 Studio 2: Pattern & Urban Des	6.0 SH
Yr 2 SP	C ARC U356 Structures 1: Statics	4.0 SH
Yr 2 SP	C ARC U326 20th-C Architecture & Urbanism	4.0 SH
Yr 2 SP	NU Core Course or 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 ARC U410 Studio 3: Building beyond City	6.0 SH
Yr 3 FL	C ARC U330 Third-Year Seminar	4.0 SH
Yr 3 FL	C ARC U357 Structures 2: Tectonics	4.0 SH
Yr 3 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 3 SP	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 SP	C ARC U329 American Houses and Housing	4.0 SH
Yr 3 SP	NU Core Course or Elective	4.0 SH
Yr 3 SP	CARCU413	4.0 SH
	Semester Subtotal	16.0 SH
Yr 3 S1	C ARC U358 Modeling & Design Comm	4.0 SH
Yr 3 S1	NU Core Course or Elective	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 ARC U510 Studio 4: Housing & Aggregat	6.0 SH
Yr 4 SP	C ARC U555 Environmental Systems	4.0 SH
Yr 4 SP	ARC Undergraduate Elective	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	18.0 SH

Yr 4 S1	NU Core course or Elective	4.0 SH
Yr 4 S1	NU Core Course or Elective	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 ARC U511 Studio 5: Tectonics	6.0 SH
Yr 5 SP	C ARC U656 Integrated Building Systems	4.0 SH
Yr 5 SP	NU Core Course or Elective	4.0 SH
Yr 5 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	18.0 SH

MDS 395 BS Architecture Div B

Yr 1 FL	C ARC U256 Manual Representation	4.0 SH
Yr 1 FL	C ARC U111 Hist of World Architecture 1	4.0 SH
Yr 1 FL	C ARC U100 Architecture at NU	1.0 SH
Yr 1 FL	NU Core course or Elective	4.0 SH
Yr 1 FL	NU Core course or Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 1 SP	C ARC U257 Digital Representation	4.0 SH
Yr 1 SP	C ARC U112 Hist of World Architecture 2	4.0 SH
Yr 1 SP	C MTH U141 Calculus 1	4.0 SH
Yr 1 SP	C ENG U111 College Writing	4.0 SH
Yr 1 SP	M COP U101 Professional Development Co-op	1.0 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 ARC U310 Studio 1: Site, Type, Composi	6.0 SH
Yr 2 FL	C PHY U141 General Physics	4.0 SH
Yr 2 FL	C ARC U325 19th-C Architecture & Urbanism	4.0 SH
Yr 2 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 SP	C ARC U311 Studio 2: Pattern & Urban Des	6.0 SH
Yr 2 SP	C ARC U356 Structures 1: Statics	4.0 SH
Yr 2 SP	C ARC U326 20th-C Architecture & Urbanism	4.0 SH
Yr 2 SP	NU Core Course or 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 ARC U410 Studio 3: Building beyond City	6.0 SH
Yr 3 FL	C ARC U330 Third-Year Seminar	4.0 SH
Yr 3 FL	C ARC U357 Structures 2: Tectonics	4.0 SH
Yr 3 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 3 SP	C ARC U311 Studio 2: Pattern & Urban Des	6.0 SH
Yr 3 SP	C ARC U356 Structures 1: Statics	4.0 SH
Yr 3 SP	C ARC U326 20th-C Architecture & Urbanism	4.0 SH
Yr 3 SP	NU Core Course or 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 3 FL	C ARC U410 Studio 3: Building beyond City	6.0 SH
Yr 3 FL	C ARC U330 Third-Year Seminar	4.0 SH
Yr 3 FL	C ARC U357 Structures 2: Tectonics	4.0 SH
Yr 3 FL	NU Core course or 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	C ARC U358 Modeling & Design Comm	4.0 SH
Yr 3 S2	NU Core Course or Elective	4.0 SH
	Semester Subtotal	8.0 SH
Yr 4 FL	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 4 FL	C ARC U329 American Houses and Housing	4.0 SH
Yr 4 FL	NU Core Course or Elective	4.0 SH
Yr 4 FL	CARCU413	4.0 SH
	Semester Subtotal	16.0 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	NU Core Course or Elective	4.0 SH
Yr 4 S2	NU Core Course or Elective	4.0 SH
	Semester Subtotal	8.0 SH
Yr 5 FL	C ARC U510 Studio 4: Housing & Aggregat	6.0 SH
Yr 5 FL	C ARC U555 Environmental Systems	4.0 SH
Yr 5 FL	ARC Undergraduate Elective	4.0 SH
Yr 5 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 5 SP	C ARC U511 Studio 5: Tectonics	6.0 SH
Yr 5 SP	C ARC U656 Integrated Building Systems	4.0 SH
Yr 5 SP	NU Core Course or Elective	4.0 SH
Yr 5 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	18.0 SH

MDS 327 BA Art Div C		
4 Year, 2 Co-op		
Yr 1 FL	C ART U100 Art + Design at NU	1.0 SH
Yr 1 FL	C ART U124 Basic Drawing	4.0 SH
Yr 1 FL	C ART U130 Visual Studies Foundation 1	4.0 SH
Yr 1 FL	C ART U101 History of Art before 1400	4.0 SH
Yr 1 FL	C ENG U111 College Writing	4.0 SH
Yr 1 FL	2D TOOLS:IMAGING BASICS	4.0 SH
	Semester Subtotal	21.0 SH
Yr 1 SP	C ART U131 Visual Studies Foundation 2	4.0 SH
Yr 1 SP	C ART U103 History of Art since 1400	4.0 SH
Yr 1 SP	C MTH U115 Mathematical Thinking	4.0 SH
	Coreq(s): C MTH U116	
Yr 1 SP	COLOR 1 FOUNDATION	4.0 SH
Yr 1 SP	DRAWING 2 FOUNDATION	4.0 SH
Yr 1 SP	3D TOOLS:FORM BASICS	4.0 SH
	Semester Subtotal	24.0 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	Foreign Language Core Course	4.0 SH
Yr 2 FL	NU Core course or Elective	4.0 SH
Yr 2 FL	4D FOUNDATION	4.0 SH
Yr 2 FL	4D TOOLS:Motion Basics	4.0 SH
Yr 2 FL	4D TOOLS:Interactive Basics	4.0 SH
Yr 2 FL	AD HISTORY 1900-1945	4.0 SH
	Semester Subtotal	24.0 SH
Yr 2 SP	Foreign Language Core Course	4.0 SH
Yr 2 SP	NU Core course or Elective	4.0 SH
Yr 2 SP	COLOR 2 FOUNDATION	4.0 SH
Yr 2 SP	IDEATION FOUNDATION	4.0 SH
Yr 2 SP	AD HISTORY 1945-Present	4.0 SH
	Semester Subtotal	20.0 SH
Yr 2 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 2 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 FL	ART Undergraduate Elective	4.0 SH
Yr 3 FL	Foreign Language Core Course	4.0 SH
Yr 3 FL	NU Core course or Elective	4.0 SH
Yr 3 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 3 SP	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 SP	ART Undergraduate Elective	4.0 SH
Yr 3 SP	NU Core course or Elective	4.0 SH
Yr 3 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 3 S1	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH
Yr 3 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH

Yr 4 FL	NU Core course or Elective	4.0 SH
Yr 4 FL	NU Core course or Elective	4.0 SH
Yr 4 FL	NU Core Course or Elective	4.0 SH
Yr 4 FL	CONTEMP DIRECTIONS	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 SP	NU Core course or Elective	4.0 SH
Yr 4 SP	NU Core course or Elective	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 4 SP	INTERARTS	4.0 SH
	Semester Subtotal	16.0 SH

MDS 303 BS Behavioral Neuroscience Div A

Yr 1 FL	C PSY U100 Psychology at NU	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	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
	Semester Subtotal	18.0 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 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	Psych Area A Elective	4.0 SH
Yr 2 FL	NU Core course or Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 2 SP	C PSY U320 Stats in Psychological Resrch	4.0 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	M COP U101 Professional Development Co-op	1.0 SH
Yr 2 SP	Psych Area B Elective	4.0 SH
Yr 2 SP	PSYU458 OR BIOU405	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	Psych Area B Elective	4.0 SH
Yr 3 SP	NU Core course or Elective	4.0 SH
Yr 3 SP	NU Core Course or Elective	4.0 SH
Yr 3 SP	BIO AREA A	4.0 SH
	Semester Subtotal	16.0 SH
Yr 3 S1	NU Core course or Elective	4.0 SH
Yr 3 S1	BIO AREA B	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	NU Core course or Elective	4.0 SH
Yr 4 SP	Beh Neurosci Lab Elective	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 4 SP	BIO AREA C	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 S1	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 4 S1	NU Core course or Elective	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	NU Core Course or Elective	4.0 SH
Yr 5 SP	Beh Neuroscience Seminar	4.0 SH
Yr 5 SP	NU Core Course or Elective	4.0 SH
Yr 5 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 SH

MDS 303 BS Behavioral Neuroscience Div B

Yr 1 FL	C PSY U100 Psychology at NU	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 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	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	Psych Area A Elective	4.0 SH
Yr 2 FL	NU Core course or 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	C PSY U320 Stats in Psychological Resrch	4.0 SH
Yr 2 SP	Psych Area B Elective	4.0 SH
Yr 2 SP	PSYU458 OR BIOU405	4.0 SH
	Semester Subtotal	17.0 SH
Yr 3 FL	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 FL	NU Core course or Elective	4.0 SH
Yr 3 FL	NU Core Course or Elective	4.0 SH
Yr 3 FL	BIO AREA A	4.0 SH
	Semester Subtotal	16.0 SH
Yr 3 SP	Psych Area B Elective	4.0 SH
Yr 3 SP	NU Core Course or Elective	4.0 SH
Yr 3 SP	NU Core course or Elective	4.0 SH
Yr 3 SP	BIO AREA B	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 FL	NU Core course or Elective	4.0 SH
Yr 4 FL	Beh Neurosci Lab Elective	4.0 SH
Yr 4 FL	NU Core course or Elective	4.0 SH
Yr 4 FL	BIO AREA C	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 4 SP	Beh NeuroScience Seminar	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 SH

MDS 302 BS Biochemistry**4 Year, 1 Co-op, Plan A**

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 MTH U151 Calculus & Diff Eq—Biology 1	4.0 SH
Yr 1 FL	C BIO U100 Biology/Biochem at NU	1.0 SH
Yr 1 FL	NU Core course or 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 MTH U152 Calculus & Diff Eq—Biology 2	4.0 SH
Yr 1 SP	C ENG U111 College Writing	4.0 SH
Yr 1 SP	C BIO U106 Intro to Experiential Ed	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 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	NU Core Course or Elective	4.0 SH
Yr 2 FL	NU Core course or 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	C CHM U321 Analytical Chemistry Coreq(s): C CHM U322	4.0 SH
Yr 2 SP	C CHM U322 Lab for CHM U321 Coreq(s): C CHM U321	1.0 SH
Yr 2 SP	C PHY U145 Physics for Life Sciences 1 Coreq(s): C PHY U146	4.0 SH
Yr 2 SP	C PHY U146 Lab for PHY U145 Coreq(s): C PHY U145	1.0 SH
Yr 2 SP	NU Core course or Elective	4.0 SH
	Semester Subtotal	19.0 SH
Yr 2 S1	BIO or CHM Advanced Elective	5.0 SH
Yr 2 S1	NU Core Course or Elective	4.0 SH
	Semester Subtotal	9.0 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 PHY U147 Physics for Life Sciences 2 Coreq(s): C PHY U148	4.0 SH
Yr 3 FL	C PHY U148 Lab for PHY U147 Coreq(s): C PHY U147	1.0 SH
Yr 3 FL	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 FL	NU Core course or Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 3 SP	C BIO U407 Molecular Cell Biology	4.0 SH
Yr 3 SP	C CHM U401 Physical Chemistry 1 Coreq(s): C CHM U402	4.0 SH
Yr 3 SP	C CHM U402 Lab for CHM U401 Coreq(s): C CHM U401	1.0 SH
Yr 3 SP	BIO or CHM Advanced Elective	5.0 SH
Yr 3 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 3 S1	BIO or CHM Advanced Elective	5.0 SH
Yr 3 S1	NU Core Course or 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	CHM U770 or BIO U701	4.0 SH
Yr 4 SP	BIO or CHM Advanced Elective	5.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	17.0 SH

MDS 302 BS Biochemistry**4 Year, 1 Co-op, Plan B**

Yr 1 FL	C BIO U101 Principles of Biology 1 Coreq(s): C BIO U102	4.0 SH
Yr 1 FL	C BIO U103 Principles of Biology 2 Coreq(s): C BIO U104	4.0 SH
Yr 1 FL	C MTH U151 Calculus & Diff Eq—Biology 1	4.0 SH
Yr 1 FL	C BIO U100 Biology/Biochem at NU	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	NU Core course or Elective	4.0 SH
	Semester Subtotal	22.0 SH

Yr 1 SP	C BIO U103 Principles of Biology 2 Coreq(s): C BIO U104	4.0 SH	Yr 3 FL	C BIO U323 Biochemistry Coreq(s): C BIO U324	4.0 SH
Yr 1 SP	C BIO U104 Lab for BIO U103 Coreq(s): C BIO U103	1.0 SH	Yr 3 FL	C BIO U324 Lab for BIO U323 Coreq(s): C BIO U323	1.0 SH
Yr 1 SP	C MTH U152 Calculus & Diff Eq—Biology 2	4.0 SH	Yr 3 FL	C PHY U147 Physics for Life Sciences 2 Coreq(s): C PHY U148	4.0 SH
Yr 1 SP	C ENG U111 College Writing	4.0 SH	Yr 3 FL	C PHY U148 Lab for PHY U147 Coreq(s): C PHY U147	1.0 SH
Yr 1 SP	C BIO U106 Intro to Experiential Ed	1.0 SH	Yr 3 FL	C CHM U321 Analytical Chemistry Coreq(s): C CHM U322	4.0 SH
Yr 1 SP	C CHM U214 General Chemistry 2 Coreq(s): C CHM U215 C CHM U216	4.0 SH	Yr 3 FL	C CHM U322 Lab for CHM U321 Coreq(s): C CHM U321	1.0 SH
Yr 1 SP	C CHM U215 Lab for CHM U214 Coreq(s): C CHM U214 C CHM U216	1.0 SH	Yr 3 FL	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 1 SP	C CHM U216 Recitation for CHM U214 Coreq(s): C CHM U214 C CHM U215	0.0 SH	Yr 3 FL	Semester Subtotal	19.0 SH
	Semester Subtotal	19.0 SH	Yr 3 SP	CO-OP	0.0 SH
Yr 1 S1	VACATION	0.0 SH	Yr 3 SP	Semester Subtotal	0.0 SH
	Semester Subtotal	0.0 SH	Yr 3 S1	CO-OP	0.0 SH
Yr 1 S2	VACATION	0.0 SH	Yr 3 S1	VACATION	0.0 SH
	Semester Subtotal	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 3 S2	C BIO U407 Molecular Cell Biology	4.0 SH
Yr 2 FL	C BIO U302 Lab for BIO U301 Coreq(s): C BIO U301	1.0 SH	Yr 3 S2	NU Core Course or Elective	4.0 SH
Yr 2 FL	C CHM U311 Organic Chemistry 1 Coreq(s): C CHM U312	4.0 SH		Semester Subtotal	8.0 SH
Yr 2 FL	C CHM U312 Lab for CHM U311 Coreq(s): C CHM U311	1.0 SH	Yr 4 FL	C CHM U401 Physical Chemistry 1 Coreq(s): C CHM U402	4.0 SH
Yr 2 FL	NU Core Course or Elective	4.0 SH	Yr 4 FL	C CHM U402 Lab for CHM U401 Coreq(s): C CHM U401	1.0 SH
Yr 2 FL	NU Core course or Elective	4.0 SH	Yr 4 FL	CHM U770 or BIO U701	4.0 SH
	Semester Subtotal	18.0 SH	Yr 4 FL	BIO or CHM Advanced Elective	5.0 SH
Yr 2 SP	C CHM U313 Organic Chemistry 2 Coreq(s): C CHM U314	4.0 SH	Yr 4 FL	NU Core course or Elective	4.0 SH
Yr 2 SP	C CHM U314 Lab CHM U313 Coreq(s): C CHM U313	1.0 SH		Semester Subtotal	18.0 SH
Yr 2 SP	C CHM U321 Analytical Chemistry Coreq(s): C CHM U322	4.0 SH	Yr 4 SP	BIO or CHM Advanced Elective	5.0 SH
Yr 2 SP	C CHM U322 Lab for CHM U321 Coreq(s): C CHM U321	1.0 SH	Yr 4 SP	BIO or CHM Advanced Elective	5.0 SH
Yr 2 SP	C PHY U145 Physics for Life Sciences 1 Coreq(s): C PHY U146	4.0 SH	Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 2 SP	C PHY U146 Lab for PHY U145 Coreq(s): C PHY U145	1.0 SH	Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 2 SP	NU Core course or Elective	4.0 SH		Semester Subtotal	18.0 SH
	Semester Subtotal	19.0 SH	MDS 302 BS Biochemistry Div A		
Yr 2 S1	BIO or CHM Advanced Elective	5.0 SH	Yr 1 FL	C BIO U101 Principles of Biology 1 Coreq(s): C BIO U102	4.0 SH
Yr 2 S1	NU Core Course or Elective	4.0 SH	Yr 1 FL	C BIO U102 Lab for BIO U101 Coreq(s): C BIO U101	1.0 SH
	Semester Subtotal	9.0 SH	Yr 1 FL	C CHM U211 General Chemistry 1 Coreq(s): C CHM U212 C CHM U213	4.0 SH
Yr 2 S2	VACATION	0.0 SH	Yr 1 FL	C CHM U212 Lab for CHM U211 Coreq(s): C CHM U211 C CHM U213	1.0 SH
Yr 2 S2	VACATION	0.0 SH	Yr 1 FL	C CHM U213 Recitation for CHM U211 Coreq(s): C CHM U211 C CHM U212	0.0 SH
	Semester Subtotal	0.0 SH	Yr 1 FL	C MTH U151 Calculus & Diff Eq—Biology 1	4.0 SH
			Yr 1 FL	C BIO U100 Biology/Biochem at NU	1.0 SH
			Yr 1 FL	NU Core course or 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 3 S1	BIO or CHM Advanced Elective	5.0 SH
Yr 1 SP	C BIO U104 Lab for BIO U103 Coreq(s): C BIO U103	1.0 SH	Yr 3 S1	NU Core Course or Elective	4.0 SH
Yr 1 SP	C CHM U214 General Chemistry 2 Coreq(s): C CHM U215 C CHM U216	4.0 SH	Yr 3 S2	CO-OP	0.0 SH
Yr 1 SP	C CHM U215 Lab for CHM U214 Coreq(s): C CHM U214 C CHM U216	1.0 SH		Semester Subtotal	0.0 SH
Yr 1 SP	C CHM U216 Recitation for CHM U214 Coreq(s): C CHM U214 C CHM U215	0.0 SH	Yr 4 FL	CO-OP	0.0 SH
Yr 1 SP	C ENG U111 College Writing	4.0 SH		Semester Subtotal	0.0 SH
Yr 1 SP	C MTH U152 Calculus & Diff Eq—Biology 2	4.0 SH	Yr 4 SP	C CHM U401 Physical Chemistry 1 Coreq(s): C CHM U402	4.0 SH
Yr 1 SP	C BIO U106 Intro to Experiential Ed	1.0 SH	Yr 4 SP	C CHM U402 Lab for CHM U401 Coreq(s): C CHM U401	1.0 SH
	Semester Subtotal	19.0 SH	Yr 4 SP	C BIO U407 Molecular Cell Biology	4.0 SH
Yr 1 S1	VACATION	0.0 SH	Yr 4 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	0.0 SH	Yr 4 SP	BIO or CHM Advanced Elective	5.0 SH
Yr 1 S2	VACATION	0.0 SH		Semester Subtotal	18.0 SH
	Semester Subtotal	0.0 SH	Yr 4 S1	BIO or CHM Advanced Elective	5.0 SH
Yr 2 FL	C BIO U301 Genetics & Molecular Biology Coreq(s): C BIO U302	4.0 SH	Yr 4 S1	NU Core Course or Elective	4.0 SH
Yr 2 FL	C BIO U302 Lab for BIO U301 Coreq(s): C BIO U301	1.0 SH		Semester Subtotal	9.0 SH
Yr 2 FL	C CHM U311 Organic Chemistry1 Coreq(s): C CHM U312	4.0 SH	Yr 4 S2	CO-OP	0.0 SH
Yr 2 FL	C CHM U312 Lab for CHM U311 Coreq(s): C CHM U311	1.0 SH		Semester Subtotal	0.0 SH
Yr 2 FL	NU Core course or Elective	4.0 SH	Yr 5 FL	CO-OP	0.0 SH
Yr 2 FL	NU Core Course or Elective	4.0 SH		Semester Subtotal	0.0 SH
	Semester Subtotal	18.0 SH	Yr 5 SP	CHM U770 or BIO U701	4.0 SH
Yr 2 SP	C CHM U313 Organic Chemistry 2 Coreq(s): C CHM U314	4.0 SH	Yr 5 SP	BIO or CHM Advanced Elective	5.0 SH
Yr 2 SP	C CHM U314 Lab CHM U313 Coreq(s): C CHM U313	1.0 SH	Yr 5 SP	NU Core Course or Elective	4.0 SH
Yr 2 SP	C PHY U145 Physics for Life Sciences 1 Coreq(s): C PHY U146	4.0 SH	Yr 5 SP	NU Core Course or Elective	4.0 SH
Yr 2 SP	C PHY U146 Lab for PHY U145 Coreq(s): C PHY U145	1.0 SH		Semester Subtotal	17.0 SH
Yr 2 SP	C CHM U321 Analytical Chemistry Coreq(s): C CHM U322	4.0 SH	MDS 302 BS Biochemistry Div B		
Yr 2 SP	C CHM U322 Lab for CHM U321 Coreq(s): C CHM U321	1.0 SH	Yr 1 FL	C BIO U101 Principles of Biology 1 Coreq(s): C BIO U102	4.0 SH
Yr 2 SP	NU Core course or Elective	4.0 SH	Yr 1 FL	C BIO U102 Lab for BIO U101 Coreq(s): C BIO U101	1.0 SH
	Semester Subtotal	19.0 SH	Yr 1 FL	C CHM U211 General Chemistry 1 Coreq(s): C CHM U212 C CHM U213	4.0 SH
Yr 2 S1	VACATION	0.0 SH	Yr 1 FL	C CHM U212 Lab for CHM U211 Coreq(s): C CHM U211 C CHM U213	1.0 SH
	Semester Subtotal	0.0 SH	Yr 1 FL	C CHM U213 Recitation for CHM U211 Coreq(s): C CHM U211 C CHM U212	0.0 SH
Yr 2 S2	CO-OP	0.0 SH	Yr 1 FL	C MTH U151 Calculus & Diff Eq—Biology 1	4.0 SH
	Semester Subtotal	0.0 SH	Yr 1 FL	C BIO U100 Biology/Biochem at NU	1.0 SH
Yr 3 FL	CO-OP	0.0 SH	Yr 1 FL	NU Core course or Elective	4.0 SH
	Semester Subtotal	0.0 SH		Semester Subtotal	19.0 SH
Yr 3 SP	C BIO U323 Biochemistry Coreq(s): C BIO U324	4.0 SH			
Yr 3 SP	C BIO U324 Lab for BIO U323 Coreq(s): C BIO U323	1.0 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	C ENG U301 Advanced Writing in Discipline	4.0 SH			
Yr 3 SP	NU Core course or Elective	4.0 SH			
	Semester Subtotal	18.0 SH			

Yr 1 SP	C BIO U103 Principles of Biology 2 Coreq(s): C BIO U104	4.0 SH	Yr 3 SP	C BIO U407 Molecular Cell Biology	4.0 SH
Yr 1 SP	C BIO U104 Lab for BIO U103 Coreq(s): C BIO U103	1.0 SH	Yr 3 SP	C CHM U401 Physical Chemistry 1 Coreq(s): C CHM U402	4.0 SH
Yr 1 SP	C CHM U214 General Chemistry 2 Coreq(s): C CHM U215 C CHM U216	4.0 SH	Yr 3 SP	C CHM U402 Lab for CHM U401 Coreq(s): C CHM U401	1.0 SH
Yr 1 SP	C CHM U215 Lab for CHM U214 Coreq(s): C CHM U214 C CHM U216	1.0 SH	Yr 3 SP	BIO or CHM Advanced Elective	5.0 SH
Yr 1 SP	C CHM U216 Recitation for CHM U214 Coreq(s): C CHM U214 C CHM U215	0.0 SH	Yr 3 SP	NU Core Course or Elective	4.0 SH
Yr 1 SP	C ENG U111 College Writing	4.0 SH		Semester Subtotal	18.0 SH
Yr 1 SP	C MTH U152 Calculus & Diff Eq—Biology 2	4.0 SH	Yr 3 S1	VACATION	0.0 SH
Yr 1 SP	C BIO U106 Intro to Experiential Ed	1.0 SH		Semester Subtotal	0.0 SH
	Semester Subtotal	19.0 SH	Yr 3 S2	VACATION	0.0 SH
Yr 1 S1	VACATION	0.0 SH		Semester Subtotal	0.0 SH
	Semester Subtotal	0.0 SH	Yr 4 FL	CHM U770 or BIO U701	4.0 SH
Yr 1 S2	VACATION	0.0 SH	Yr 4 FL	BIO or CHM Advanced Elective	5.0 SH
	Semester Subtotal	0.0 SH	Yr 4 FL	NU Core Course or Elective	4.0 SH
Yr 2 FL	C BIO U301 Genetics & Molecular Biology Coreq(s): C BIO U302	4.0 SH	Yr 4 FL	NU Core Course or Elective	4.0 SH
Yr 2 FL	C BIO U302 Lab for BIO U301 Coreq(s): C BIO U301	1.0 SH		Semester Subtotal	17.0 SH
Yr 2 FL	C CHM U311 Organic Chemistry1 Coreq(s): C CHM U312	4.0 SH	Yr 4 SP	BIO or CHM Advanced Elective	5.0 SH
Yr 2 FL	C CHM U312 Lab for CHM U311 Coreq(s): C CHM U311	1.0 SH	Yr 4 SP	BIO or CHM Advanced Elective	5.0 SH
Yr 2 FL	NU Core course or Elective	4.0 SH	Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 2 FL	NU Core Course or Elective	4.0 SH	Yr 4 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	18.0 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 CHM U321 Analytical Chemistry Coreq(s): C CHM U322	4.0 SH			
Yr 2 SP	C CHM U322 Lab for CHM U321 Coreq(s): C CHM U321	1.0 SH			
Yr 2 SP	C PHY U145 Physics for Life Sciences 1 Coreq(s): C PHY U146	4.0 SH			
Yr 2 SP	C PHY U146 Lab for PHY U145 Coreq(s): C PHY U145	1.0 SH			
Yr 2 SP	NU Core course or Elective	4.0 SH			
	Semester Subtotal	19.0 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 U147 Physics for Life Sciences 2 Coreq(s): C PHY U148	4.0 SH			
Yr 3 FL	C PHY U148 Lab for PHY U147 Coreq(s): C PHY U147	1.0 SH			
Yr 3 FL	NU Core course or Elective	4.0 SH			
	Semester Subtotal	18.0 SH			

MDS 318 BS Biology**4 Year, 1 Co-op**

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 Biology/Biochem at NU	1.0 SH
Yr 1 FL	C MTH U151 Calculus & Diff Eq—Biology 1	4.0 SH
Yr 1 FL	NU Core course or 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 BIO U106 Intro to Experiential Ed	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 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	NU Core course or Elective	4.0 SH
Yr 2 FL	NU Core Course or 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 Coreq(s): C CHM U314	4.0 SH
Yr 2 S2	C CHM U314 Lab CHM U313 Coreq(s): C CHM U313	1.0 SH
Yr 2 S2	Cell/Mol or Org/Pop Bio Elect	5.0 SH
	Semester Subtotal	10.0 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	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 FL	Cell/Mol or Org/Pop Bio Elect	5.0 SH
Yr 3 FL	NU Core course or Elective	4.0 SH
	Semester Subtotal	18.0 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	NU Core course or Elective	4.0 SH
Yr 3 SP	NU Core Course or Elective	4.0 SH
Yr 3 SP	BIO Intermed/Adv UG Elective	5.0 SH
	Semester Subtotal	18.0 SH
Yr 3 S1	NU Core Course or Elective	4.0 SH
Yr 3 S1	NU Core Course or Elective	4.0 SH
	Semester Subtotal	8.0 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	NU Core Course or Elective	4.0 SH
Yr 4 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 4 SP	Intermed/Adv Science Elective	4.0 SH
Yr 4 SP	BIO Intermed/Adv UG Elective	5.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	17.0 SH

MDS 318 BS Biology Div A

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 Biology/Biochem at NU	1.0 SH
Yr 1 FL	C MTH U151 Calculus & Diff Eq—Biology 1	4.0 SH
Yr 1 FL	NU Core course or 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 4 FL	CO-OP	0.0 SH
Yr 1 SP	C BIO U104 Lab for BIO U103 Coreq(s): C BIO U103	1.0 SH		Semester Subtotal	0.0 SH
Yr 1 SP	C CHM U214 General Chemistry 2 Coreq(s): C CHM U215 C CHM U216	4.0 SH	Yr 4 SP	C PHY U147 Physics for Life Sciences 2 Coreq(s): C PHY U148	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 4 SP	C PHY U148 Lab for PHY U147 Coreq(s): C PHY U147	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 4 SP	BIO Intermed/Adv UG Elective	5.0 SH
Yr 1 SP	C BIO U106 Intro to Experiential Ed	1.0 SH	Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 1 SP	C ENG U111 College Writing	4.0 SH	Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 1 SP	C MTH U152 Calculus & Diff Eq—Biology 2	4.0 SH		Semester Subtotal	18.0 SH
	Semester Subtotal	19.0 SH	Yr 4 S1	BIO Intermed/Adv UG Elective	5.0 SH
Yr 1 S1	VACATION	0.0 SH	Yr 4 S1	NU Core Course or Elective	4.0 SH
	Semester Subtotal	0.0 SH		Semester Subtotal	9.0 SH
Yr 1 S2	VACATION	0.0 SH	Yr 4 S2	CO-OP	0.0 SH
	Semester Subtotal	0.0 SH		Semester Subtotal	0.0 SH
Yr 2 FL	C CHM U311 Organic Chemistry1 Coreq(s): C CHM U312	4.0 SH	Yr 5 FL	CO-OP	0.0 SH
Yr 2 FL	C CHM U312 Lab for CHM U311 Coreq(s): C CHM U311	1.0 SH		Semester Subtotal	0.0 SH
Yr 2 FL	Cell/Mol or Org/Pop Bio Elect	5.0 SH	Yr 5 SP	C BIO U701 Biology Capstone	4.0 SH
Yr 2 FL	NU Core Course or Elective	4.0 SH	Yr 5 SP	Intermed/Adv Science Elective	4.0 SH
Yr 2 FL	NU Core course or Elective	4.0 SH	Yr 5 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	18.0 SH	Yr 5 SP	NU Core Course or Elective	4.0 SH
Yr 2 SP	C CHM U313 Organic Chemistry 2 Coreq(s): C CHM U314	4.0 SH		Semester Subtotal	16.0 SH
Yr 2 SP	C CHM U314 Lab CHM U313 Coreq(s): C CHM U313	1.0 SH	MDS 318 BS Biology Div B		
Yr 2 SP	C BIO U301 Genetics & Molecular Biology Coreq(s): C BIO U302	4.0 SH	Yr 1 FL	C BIO U101 Principles of Biology 1 Coreq(s): C BIO U102	4.0 SH
Yr 2 SP	C BIO U302 Lab for BIO U301 Coreq(s): C BIO U301	1.0 SH	Yr 1 FL	C BIO U102 Lab for BIO U101 Coreq(s): C BIO U101	1.0 SH
Yr 2 SP	M COP U101 Professional Development Co-op	1.0 SH	Yr 1 FL	C CHM U211 General Chemistry 1 Coreq(s): C CHM U212 C CHM U213	4.0 SH
Yr 2 SP	NU Core course or Elective	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 2 SP	NU Core Course or Elective	4.0 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 FL	C BIO U100 Biology/Biochem at NU	1.0 SH
Yr 2 S1	VACATION	0.0 SH	Yr 1 FL	C MTH U151 Calculus & Diff Eq—Biology 1	4.0 SH
	Semester Subtotal	0.0 SH	Yr 1 FL	NU Core course or Elective	4.0 SH
Yr 2 S2	CO-OP	0.0 SH		Semester Subtotal	19.0 SH
	Semester Subtotal	0.0 SH	Yr 1 SP	C BIO U103 Principles of Biology 2 Coreq(s): C BIO U104	4.0 SH
Yr 3 FL	CO-OP	0.0 SH	Yr 1 SP	C BIO U104 Lab for BIO U103 Coreq(s): C BIO U103	1.0 SH
	Semester Subtotal	0.0 SH	Yr 1 SP	C CHM U214 General Chemistry 2 Coreq(s): C CHM U215 C CHM U216	4.0 SH
Yr 3 SP	C PHY U145 Physics for Life Sciences 1 Coreq(s): C PHY U146	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 3 SP	C PHY U146 Lab for PHY U145 Coreq(s): C PHY U145	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 3 SP	C ENG U301 Advanced Writing in Discipline	4.0 SH	Yr 1 SP	C BIO U106 Intro to Experiential Ed	1.0 SH
Yr 3 SP	Cell/Mol or Org/Pop Bio Elect	5.0 SH	Yr 1 SP	C ENG U111 College Writing	4.0 SH
Yr 3 SP	NU Core Course or Elective	4.0 SH	Yr 1 SP	C MTH U152 Calculus & Diff Eq—Biology 2	4.0 SH
	Semester Subtotal	18.0 SH		Semester Subtotal	19.0 SH
Yr 3 S1	BIO Intermed/Adv UG Elective	5.0 SH	Yr 1 S1	VACATION	0.0 SH
Yr 3 S1	NU Core Course or Elective	4.0 SH		Semester Subtotal	0.0 SH
	Semester Subtotal	9.0 SH	Yr 1 S2	VACATION	0.0 SH
Yr 3 S2	CO-OP	0.0 SH		Semester Subtotal	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 5 FL	C BIO U701 Biology Capstone	4.0 SH
Yr 2 FL	C BIO U302 Lab for BIO U301 Coreq(s): C BIO U301	1.0 SH	Yr 5 FL	BIO Intermed/Adv UG Elective	5.0 SH
Yr 2 FL	C CHM U311 Organic Chemistry1 Coreq(s): C CHM U312	4.0 SH	Yr 5 FL	NU Core Course or Elective	4.0 SH
Yr 2 FL	C CHM U312 Lab for CHM U311 Coreq(s): C CHM U311	1.0 SH	Yr 5 FL	NU Core Course or Elective	4.0 SH
Yr 2 FL	NU Core course or Elective	4.0 SH		Semester Subtotal	17.0 SH
Yr 2 FL	NU Core Course or Elective	4.0 SH	Yr 5 SP	Intermed/Adv Science Elective	4.0 SH
	Semester Subtotal	18.0 SH	Yr 5 SP	NU Core Course or Elective	4.0 SH
Yr 2 SP	CO-OP	0.0 SH	Yr 5 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	0.0 SH	Yr 5 SP	NU Core Course or Elective	4.0 SH
Yr 2 S1	CO-OP	0.0 SH		Semester Subtotal	16.0 SH
	Semester Subtotal	0.0 SH	MDS 318 BS Biology Div C		
Yr 2 S2	C CHM U313 Organic Chemistry 2 Coreq(s): C CHM U314	4.0 SH	Yr 1 FL	C BIO U101 Principles of Biology 1 Coreq(s): C BIO U102	4.0 SH
Yr 2 S2	C CHM U314 Lab CHM U313 Coreq(s): C CHM U313	1.0 SH	Yr 1 FL	C BIO U102 Lab for BIO U101 Coreq(s): C BIO U101	1.0 SH
Yr 2 S2	Cell/Mol or Org/Pop Bio Elect	5.0 SH	Yr 1 FL	C CHM U211 General Chemistry 1 Coreq(s): C CHM U212 C CHM U213	4.0 SH
	Semester Subtotal	10.0 SH	Yr 1 FL	C CHM U212 Lab for CHM U211 Coreq(s): C CHM U211 C CHM U213	1.0 SH
Yr 3 FL	C PHY U145 Physics for Life Sciences 1 Coreq(s): C PHY U146	4.0 SH	Yr 1 FL	C CHM U213 Recitation for CHM U211 Coreq(s): C CHM U211 C CHM U212	0.0 SH
Yr 3 FL	C PHY U146 Lab for PHY U145 Coreq(s): C PHY U145	1.0 SH	Yr 1 FL	C BIO U100 Biology/Biochem at NU	1.0 SH
Yr 3 FL	C ENG U301 Advanced Writing in Discipline	4.0 SH	Yr 1 FL	C MTH U151 Calculus & Diff Eq—Biology 1	4.0 SH
Yr 3 FL	Cell/Mol or Org/Pop Bio Elect	5.0 SH	Yr 1 FL	NU Core course or Elective	4.0 SH
Yr 3 FL	NU Core Course or Elective	4.0 SH		Semester Subtotal	19.0 SH
	Semester Subtotal	18.0 SH	Yr 1 SP	C BIO U103 Principles of Biology 2 Coreq(s): C BIO U104	4.0 SH
Yr 3 SP	CO-OP	0.0 SH	Yr 1 SP	C BIO U104 Lab for BIO U103 Coreq(s): C BIO U103	1.0 SH
	Semester Subtotal	0.0 SH	Yr 1 SP	C CHM U214 General Chemistry 2 Coreq(s): C CHM U215 C CHM U216	4.0 SH
Yr 3 S1	CO-OP	0.0 SH	Yr 1 SP	C CHM U215 Lab for CHM U214 Coreq(s): C CHM U214 C CHM U216	1.0 SH
	Semester Subtotal	0.0 SH	Yr 1 SP	C CHM U216 Recitation for CHM U214 Coreq(s): C CHM U214 C CHM U215	0.0 SH
Yr 3 S2	BIO Intermed/Adv UG Elective	5.0 SH	Yr 1 SP	C BIO U106 Intro to Experiential Ed	1.0 SH
Yr 3 S2	NU Core Course or Elective	4.0 SH	Yr 1 SP	C ENG U111 College Writing	4.0 SH
	Semester Subtotal	9.0 SH	Yr 1 SP	C MTH U152 Calculus & Diff Eq—Biology 2	4.0 SH
Yr 4 FL	C PHY U147 Physics for Life Sciences 2 Coreq(s): C PHY U148	4.0 SH		Semester Subtotal	19.0 SH
Yr 4 FL	C PHY U148 Lab for PHY U147 Coreq(s): C PHY U147	1.0 SH	Yr 1 S1	VACATION	0.0 SH
Yr 4 FL	NU Core course or Elective	4.0 SH		Semester Subtotal	0.0 SH
Yr 4 FL	BIO Intermed/Adv UG Elective	5.0 SH	Yr 1 S2	VACATION	0.0 SH
Yr 4 FL	NU Core Course or Elective	4.0 SH		Semester Subtotal	0.0 SH
	Semester Subtotal	18.0 SH	Yr 2 FL	C BIO U301 Genetics & Molecular Biology Coreq(s): C BIO U302	4.0 SH
Yr 4 SP	CO-OP	0.0 SH	Yr 2 FL	C BIO U302 Lab for BIO U301 Coreq(s): C BIO U301	1.0 SH
	Semester Subtotal	0.0 SH	Yr 2 FL	C CHM U311 Organic Chemistry1 Coreq(s): C CHM U312	4.0 SH
Yr 4 S1	CO-OP	0.0 SH	Yr 2 FL	C CHM U312 Lab for CHM U311 Coreq(s): C CHM U311	1.0 SH
	Semester Subtotal	0.0 SH	Yr 2 FL	NU Core Course or Elective	4.0 SH
Yr 4 S2	VACATION	0.0 SH	Yr 2 FL	NU Core course or Elective	4.0 SH
	Semester Subtotal	0.0 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	Cell/Mol or Org/Pop Bio Elect	5.0 SH
Yr 2 SP	NU Core course or Elective	4.0 SH
Yr 2 SP	NU Core Course or 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 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	C ENG U301 Advanced Writing in Discipline	4.0 SH
Yr 3 FL	Cell/Mol or Org/Pop Bio Elect	5.0 SH
Yr 3 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	18.0 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 Intermed/Adv UG Elective	5.0 SH
Yr 3 SP	NU Core Course or Elective	4.0 SH
Yr 3 SP	NU Core Course or 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	NU Core Course or Elective	4.0 SH
Yr 4 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	17.0 SH
Yr 4 SP	BIO Intermed/Adv UG Elective	5.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 4 SP	Intermed/Adv Science Elective	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	17.0 SH

MDS 386 BS Biomedical Physics Div A

Yr 1 FL	C PHY U100 Physics at NU	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 and Comp	4.0 SH
Yr 1 SP	C MTH U242 Calculus 2 for Sci/Engr	4.0 SH
Yr 1 SP	NU Core course or Elective	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 U305 Thermo & Statistical Mechanics	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 CHM U211 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 Coreq(s): C MTH U342	4.0 SH
	Semester Subtotal	17.0 SH
Yr 2 SP	C PHY U303 Modern Physics	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	M COP U101 Professional Development Co-op	1.0 SH
Yr 2 SP	NU Core course or Elective	4.0 SH
Yr 2 SP	GE Undergraduate 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 U602 Electricity & Magnetism	4.0 SH
Yr 3 SP	NU Core Course or Elective	4.0 SH
Yr 3 SP	PHY Technical Elective	4.0 SH
Yr 3 SP	NU Core course or Elective	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	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	NU Core course or Elective	4.0 SH
Yr 5 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 SH

MDS 386 BS Biomedical Physics Div C

Yr 1 FL	C PHY U100 Physics at NU	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 Solv and Comp	4.0 SH
Yr 1 SP	NU Core course or Elective	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 U305 Thermo & Statistical Mechanics	4.0 SH
Yr 2 FL	C MTH U341 Calculus 3 for Sci/Engr	4.0 SH
	Coreq(s): C MTH U342	
Yr 2 FL	C PHY U371 Electronics	4.0 SH
	Coreq(s): C PHY U372	
Yr 2 FL	C PHY U372 Lab for PHY U371	0.0 SH
	Coreq(s): C PHY U371	
Yr 2 FL	C CHM U211 General Chemistry 1	4.0 SH
	Coreq(s): C CHM U212 C CHM U213	
Yr 2 FL	C CHM U212 Lab for CHM U211	1.0 SH
	Coreq(s): C CHM U211 C CHM U213	
Yr 2 FL	C CHM U213 Recitation for CHM U211	0.0 SH
	Coreq(s): C CHM U211 C CHM U212	
	Semester Subtotal	17.0 SH
Yr 2 SP	C PHY U303 Modern Physics	4.0 SH
Yr 2 SP	C BIO U113 General Biology 2	4.0 SH
	Coreq(s): C BIO U114	
Yr 2 SP	C BIO U114 Lab for BIO U113	1.0 SH
	Coreq(s): C BIO U113	
Yr 2 SP	NU Core course or Elective	4.0 SH
Yr 2 SP	GE Undergraduate 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	NU Core course or Elective	4.0 SH
Yr 3 FL	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 U954 Experiential Ed Directed Study	4.0 SH
Yr 4 FL	NU Core Course or Elective	4.0 SH
Yr 4 FL	NU Core course or Elective	4.0 SH
Yr 4 FL	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	C PHY U623 Medical Physics	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 SH

MDS 312 BS Chemistry**4 Year, 1 Co-op, Plan A**

Yr 1 FL	C CHM U217 Gen Chem 1 for Chem Sci Majors Coreq(s): C CHM U218 C CHM U219	4.0 SH
Yr 1 FL	C CHM U218 Lab for CHM U217 Coreq(s): C CHM U217 C CHM U219	2.0 SH
Yr 1 FL	C CHM U219 Recitation for CHM U217 Coreq(s): C CHM U217 C CHM U218	0.0 SH
Yr 1 FL	C MTH U151 Calculus & Diff Eq—Biology 1	4.0 SH
Yr 1 FL	C ENG U111 College Writing	4.0 SH
Yr 1 FL	C CHM U100 Chemistry/Chemical Bio at NU	1.0 SH
Yr 1 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	19.0 SH
Yr 1 SP	C CHM U220 Gen Chem 2 for Chem Sci Majors Coreq(s): C CHM U221 C CHM U222	4.0 SH
Yr 1 SP	C CHM U221 Lab for CHM U220 Coreq(s): C CHM U220 C CHM U222	2.0 SH
Yr 1 SP	C CHM U222 Recitation for CHM U220 Coreq(s): C CHM U220 C CHM U221	0.0 SH
Yr 1 SP	C PHY U147 Physics for Life Sciences 2 Coreq(s): C PHY U148	4.0 SH
Yr 1 SP	C PHY U148 Lab for PHY U147 Coreq(s): C PHY U147	1.0 SH
Yr 1 SP	C MTH U152 Calculus & Diff Eq—Biology 2	4.0 SH
Yr 1 SP	NU Core course or Elective	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 CHM U315 Org Chm 1: Chem Majors Coreq(s): C CHM U316	4.0 SH
Yr 2 FL	C CHM U316 Lab for CHM U315 Coreq(s): C CHM U315	2.0 SH
Yr 2 FL	C PHY U147 Physics for Life Sciences 2 Coreq(s): C PHY U148	4.0 SH
Yr 2 FL	C PHY U148 Lab for PHY U147 Coreq(s): C PHY U147	1.0 SH
Yr 2 FL	NU Core Course or Elective	4.0 SH
Yr 2 FL	NU Core course or Elective	4.0 SH
	Semester Subtotal	19.0 SH
Yr 2 SP	C CHM U317 Org Chm 2: Chem Maj Coreq(s): C CHM U318	4.0 SH
Yr 2 SP	C CHM U318 Lab for CHM U317 Coreq(s): C CHM U317	2.0 SH
Yr 2 SP	C CHM U331 Bioanalytical Chemistry Coreq(s): C CHM U332	4.0 SH
Yr 2 SP	C CHM U332 Lab for CHM U331 Coreq(s): C CHM U331	1.0 SH
Yr 2 SP	NU Core course or Elective	4.0 SH
Yr 2 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	19.0 SH
Yr 2 S1	C CHM U521 Instrumental Methods of Anlys	1.0 SH
Yr 2 S1	C CHM U522 Instrumental Mthds of Anly Lab	4.0 SH
Yr 2 S1	NU Core course or Elective	4.0 SH
	Semester Subtotal	9.0 SH
Yr 2 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH

Yr 3 FL	C CHM U401 Physical Chemistry 1 Coreq(s): C CHM U402	4.0 SH
Yr 3 FL	C CHM U402 Lab for CHM U401 Coreq(s): C CHM U401	1.0 SH
Yr 3 FL	C ENG U307 Adv Writing in the Sciences	4.0 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	NU Core Course or Elective	4.0 SH
	Semester Subtotal	18.0 SH

Yr 3 SP	C CHM U403 Physical Chemistry 2 Coreq(s): C CHM U404	4.0 SH
Yr 3 SP	C CHM U404 Lab for CHM U403 Coreq(s): C CHM U403	1.0 SH
Yr 3 SP	C CHM U646 Synth & Reactvty of Inorg Cmpnds	3.0 SH
Yr 3 SP	C CHM U628 Spectroscopy of Organ Compnds	3.0 SH
Yr 3 SP	C CHM U629 ID of Org Compounds	2.0 SH
Yr 3 SP	M COP U101 Professional Development Co-op	1.0 SH
Yr 3 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	18.0 SH

Yr 3 S1	C CHM U531 Chem Synth Characterization	1.0 SH
Yr 3 S1	C CHM U532 Chem Synth Characterizatn Lab	4.0 SH
Yr 3 S1	NU Core Course or 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 U750 Senior Research Coreq(s): C CHM U770	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 SH

MDS 312 BS Chemistry**4 Year, 1 Co-op, Plan B**

Yr 1 FL	C CHM U217 Gen Chem 1 for Chem Sci Majors Coreq(s): C CHM U218 C CHM U219	4.0 SH
Yr 1 FL	C CHM U218 Lab for CHM U217 Coreq(s): C CHM U217 C CHM U219	2.0 SH
Yr 1 FL	C CHM U219 Recitation for CHM U217 Coreq(s): C CHM U217 C CHM U218	0.0 SH
Yr 1 FL	C MTH U151 Calculus & Diff Eq—Biology 1	4.0 SH
Yr 1 FL	C ENG U111 College Writing	4.0 SH
Yr 1 FL	C CHM U101 General Chem for Health Sci Coreq(s): C CHM U102 C CHM U103	4.0 SH
Yr 1 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	22.0 SH

Yr 1 SP	C CHM U220 Gen Chem 2 for Chem Sci Majors Coreq(s): C CHM U221 C CHM U222	4.0 SH	Yr 3 S1	CO-OP	0.0 SH
Yr 1 SP	C CHM U221 Lab for CHM U220 Coreq(s): C CHM U220 C CHM U222	2.0 SH		Semester Subtotal	0.0 SH
Yr 1 SP	C CHM U222 Recitation for CHM U220 Coreq(s): C CHM U220 C CHM U221	0.0 SH	Yr 3 S2	C CHM U531 Chem Synth Characterization	1.0 SH
Yr 1 SP	C MTH U152 Calculus & Diff Eq—Biology 2	4.0 SH	Yr 3 S2	C CHM U532 Chem Synth Characterizatn Lab	4.0 SH
Yr 1 SP	C PHY U147 Physics for Life Sciences 2 Coreq(s): C PHY U148	4.0 SH	Yr 3 S2	NU Core Course or Elective	4.0 SH
Yr 1 SP	C PHY U148 Lab for PHY U147 Coreq(s): C PHY U147	1.0 SH		Semester Subtotal	9.0 SH
Yr 1 SP	NU Core course or Elective	4.0 SH	Yr 4 FL	C CHM U403 Physical Chemistry 2 Coreq(s): C CHM U404	4.0 SH
	Semester Subtotal	19.0 SH	Yr 4 FL	C CHM U404 Lab for CHM U403 Coreq(s): C CHM U403	1.0 SH
Yr 1 S1	VACATION	0.0 SH	Yr 4 FL	C CHM U646 Synth & Reacvty of Inorg Cmpnds	3.0 SH
	Semester Subtotal	0.0 SH	Yr 4 FL	C CHM U628 Spectroscopy of Organ Compnds	3.0 SH
Yr 1 S2	VACATION	0.0 SH	Yr 4 FL	C CHM U629 ID of Org Compounds	2.0 SH
	Semester Subtotal	0.0 SH	Yr 4 FL	NU Core Course or Elective	4.0 SH
Yr 2 FL	C CHM U315 Org Chm 1: Chem Majors Coreq(s): C CHM U316	4.0 SH		Semester Subtotal	17.0 SH
Yr 2 FL	C CHM U316 Lab for CHM U315 Coreq(s): C CHM U315	2.0 SH	Yr 4 SP	C CHM U750 Senior Research Coreq(s): C CHM U770	4.0 SH
Yr 2 FL	C PHY U147 Physics for Life Sciences 2 Coreq(s): C PHY U148	4.0 SH	Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 2 FL	C PHY U148 Lab for PHY U147 Coreq(s): C PHY U147	1.0 SH	Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 2 FL	NU Core Course or Elective	4.0 SH	Yr 4 SP	NU Core Course or Elective	4.0 SH
Yr 2 FL	NU Core course or Elective	4.0 SH		Semester Subtotal	16.0 SH
	Semester Subtotal	19.0 SH	MDS 312 BS Chemistry Div A		
Yr 2 SP	C CHM U317 Org Chm 2: Chem Maj Coreq(s): C CHM U318	4.0 SH	Yr 1 FL	C MTH U151 Calculus & Diff Eq—Biology 1	4.0 SH
Yr 2 SP	C CHM U318 Lab for CHM U317 Coreq(s): C CHM U317	2.0 SH	Yr 1 FL	C ENG U111 College Writing	4.0 SH
Yr 2 SP	C CHM U331 Bioanalytical Chemistry Coreq(s): C CHM U332	4.0 SH	Yr 1 FL	C CHM U217 Gen Chem 1 for Chem Sci Majors Coreq(s): C CHM U218 C CHM U219	4.0 SH
Yr 2 SP	C CHM U332 Lab for CHM U331 Coreq(s): C CHM U331	1.0 SH	Yr 1 FL	C CHM U218 Lab for CHM U217 Coreq(s): C CHM U217 C CHM U219	2.0 SH
Yr 2 SP	NU Core course or Elective	4.0 SH	Yr 1 FL	C CHM U219 Recitation for CHM U217 Coreq(s): C CHM U217 C CHM U218	0.0 SH
Yr 2 SP	NU Core Course or Elective	4.0 SH	Yr 1 FL	C CHM U100 Chemistry/Chemical Bio at NU	1.0 SH
	Semester Subtotal	19.0 SH	Yr 1 FL	NU Core Course or Elective	4.0 SH
Yr 2 S1	C CHM U521 Instrumental Methods of Anlys	1.0 SH		Semester Subtotal	19.0 SH
Yr 2 S1	C CHM U522 Instrumental Mthds of Anly Lab	4.0 SH	Yr 1 SP	C CHM U220 Gen Chem 2 for Chem Sci Majors Coreq(s): C CHM U221 C CHM U222	4.0 SH
Yr 2 S1	NU Core course or Elective	4.0 SH	Yr 1 SP	C CHM U221 Lab for CHM U220 Coreq(s): C CHM U220 C CHM U222	2.0 SH
	Semester Subtotal	9.0 SH	Yr 1 SP	C CHM U222 Recitation for CHM U220 Coreq(s): C CHM U220 C CHM U221	0.0 SH
Yr 2 S2	VACATION	0.0 SH	Yr 1 SP	C PHY U145 Physics for Life Sciences 1 Coreq(s): C PHY U146	4.0 SH
	Semester Subtotal	0.0 SH	Yr 1 SP	C PHY U146 Lab for PHY U145 Coreq(s): C PHY U145	1.0 SH
Yr 3 FL	C CHM U401 Physical Chemistry 1 Coreq(s): C CHM U402	4.0 SH	Yr 1 SP	C MTH U152 Calculus & Diff Eq—Biology 2	4.0 SH
Yr 3 FL	C CHM U402 Lab for CHM U401 Coreq(s): C CHM U401	1.0 SH	Yr 1 SP	NU Core course or Elective	4.0 SH
Yr 3 FL	C ENG U307 Adv Writing in the Sciences	4.0 SH		Semester Subtotal	19.0 SH
Yr 3 FL	C BIO U323 Biochemistry Coreq(s): C BIO U324	4.0 SH	Yr 1 S1	VACATION	0.0 SH
Yr 3 FL	C BIO U324 Lab for BIO U323 Coreq(s): C BIO U323	1.0 SH		Semester Subtotal	0.0 SH
Yr 3 FL	M COP U101 Professional Development Co-op	1.0 SH	Yr 1 S2	VACATION	0.0 SH
Yr 3 FL	NU Core Course or Elective	4.0 SH		Semester Subtotal	0.0 SH
	Semester Subtotal	19.0 SH			
Yr 3 SP	CO-OP	0.0 SH			
	Semester Subtotal	0.0 SH			

Yr 2 FL	C CHM U315 Org Chm 1: Chem Majors Coreq(s): C CHM U316	4.0 SH	Yr 4 S1	C CHM U531 Chem Synth Characterization	1.0 SH
Yr 2 FL	C CHM U316 Lab for CHM U315 Coreq(s): C CHM U315	2.0 SH	Yr 4 S1	C CHM U532 Chem Synth Characterizatn Lab	4.0 SH
Yr 2 FL	C PHY U147 Physics for Life Sciences 2 Coreq(s): C PHY U148	4.0 SH	Yr 4 S1	NU Core Course or Elective	4.0 SH
Yr 2 FL	C PHY U148 Lab for PHY U147 Coreq(s): C PHY U147	1.0 SH		Semester Subtotal	9.0 SH
Yr 2 FL	NU Core Course or Elective	4.0 SH	Yr 4 S2	CO-OP	0.0 SH
Yr 2 FL	NU Core course or Elective	4.0 SH		Semester Subtotal	0.0 SH
	Semester Subtotal	19.0 SH	Yr 5 FL	CO-OP	0.0 SH
Yr 2 SP	C CHM U317 Org Chm 2: Chem Maj Coreq(s): C CHM U318	4.0 SH		Semester Subtotal	0.0 SH
Yr 2 SP	C CHM U318 Lab for CHM U317 Coreq(s): C CHM U317	2.0 SH	Yr 5 SP	C CHM U750 Senior Research Coreq(s): C CHM U770	4.0 SH
Yr 2 SP	C CHM U331 Bioanalytical Chemistry Coreq(s): C CHM U332	4.0 SH	Yr 5 SP	NU Core Course or Elective	4.0 SH
Yr 2 SP	C CHM U332 Lab for CHM U331 Coreq(s): C CHM U331	1.0 SH	Yr 5 SP	NU Core Course or Elective	4.0 SH
Yr 2 SP	M COP U101 Professional Development Co-op	1.0 SH		Semester Subtotal	16.0 SH
Yr 2 SP	NU Core course or Elective	4.0 SH	<hr/> MDS 312 BS Chemistry Div C		
Yr 2 SP	NU Core Course or Elective	4.0 SH	Yr 1 FL	C CHM U217 Gen Chem 1 for Chem Sci Majors Coreq(s): C CHM U218 C CHM U219	4.0 SH
	Semester Subtotal	20.0 SH	Yr 1 FL	C CHM U218 Lab for CHM U217 Coreq(s): C CHM U217 C CHM U219	2.0 SH
Yr 2 S1	VACATION	0.0 SH	Yr 1 FL	C CHM U219 Recitation for CHM U217 Coreq(s): C CHM U217 C CHM U218	0.0 SH
	Semester Subtotal	0.0 SH	Yr 1 FL	C MTH U151 Calculus & Diff Eq—Biology 1	4.0 SH
Yr 2 S2	CO-OP	0.0 SH	Yr 1 FL	C ENG U111 College Writing	4.0 SH
	Semester Subtotal	0.0 SH	Yr 1 FL	C CHM U100 Chemistry/Chemical Bio at NU	1.0 SH
Yr 3 FL	CO-OP	0.0 SH	Yr 1 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	0.0 SH		Semester Subtotal	19.0 SH
Yr 3 SP	C CHM U401 Physical Chemistry 1 Coreq(s): C CHM U402	4.0 SH	Yr 1 SP	C CHM U220 Gen Chem 2 for Chem Sci Majors Coreq(s): C CHM U221 C CHM U222	4.0 SH
Yr 3 SP	C CHM U402 Lab for CHM U401 Coreq(s): C CHM U401	1.0 SH	Yr 1 SP	C CHM U221 Lab for CHM U220 Coreq(s): C CHM U220 C CHM U222	2.0 SH
Yr 3 SP	C BIO U323 Biochemistry Coreq(s): C BIO U324	4.0 SH	Yr 1 SP	C CHM U222 Recitation for CHM U220 Coreq(s): C CHM U220 C CHM U221	0.0 SH
Yr 3 SP	C BIO U324 Lab for BIO U323 Coreq(s): C BIO U323	1.0 SH	Yr 1 SP	C MTH U152 Calculus & Diff Eq—Biology 2	4.0 SH
Yr 3 SP	C ENG U307 Adv Writing in the Sciences	4.0 SH	Yr 1 SP	C PHY U145 Physics for Life Sciences 1 Coreq(s): C PHY U146	4.0 SH
Yr 3 SP	NU Core Course or Elective	4.0 SH	Yr 1 SP	C PHY U146 Lab for PHY U145 Coreq(s): C PHY U145	1.0 SH
	Semester Subtotal	18.0 SH	Yr 1 SP	NU Core course or Elective	4.0 SH
Yr 3 S1	C CHM U521 Instrumental Methods of Anlys	1.0 SH		Semester Subtotal	19.0 SH
Yr 3 S1	C CHM U522 Instrumental Mthds of Anly Lab	4.0 SH	Yr 1 S1	VACATION	0.0 SH
Yr 3 S1	NU Core course or Elective	4.0 SH		Semester Subtotal	0.0 SH
	Semester Subtotal	9.0 SH	Yr 1 S2	VACATION	0.0 SH
Yr 3 S2	CO-OP	0.0 SH		Semester Subtotal	0.0 SH
	Semester Subtotal	0.0 SH	Yr 2 FL	C CHM U315 Org Chm 1: Chem Majors Coreq(s): C CHM U316	4.0 SH
Yr 4 FL	CO-OP	0.0 SH	Yr 2 FL	C CHM U316 Lab for CHM U315 Coreq(s): C CHM U315	2.0 SH
	Semester Subtotal	0.0 SH	Yr 2 FL	C PHY U147 Physics for Life Sciences 2 Coreq(s): C PHY U148	4.0 SH
Yr 4 SP	C CHM U403 Physical Chemistry 2 Coreq(s): C CHM U404	4.0 SH	Yr 2 FL	C PHY U148 Lab for PHY U147 Coreq(s): C PHY U147	1.0 SH
Yr 4 SP	C CHM U404 Lab for CHM U403 Coreq(s): C CHM U403	1.0 SH	Yr 2 FL	NU Core Course or Elective	4.0 SH
Yr 4 SP	C CHM U646 Synth & Reactvty of Inorg Cmpnds	3.0 SH	Yr 2 FL	NU Core course or Elective	4.0 SH
Yr 4 SP	C CHM U628 Spectroscopy of Organ Compnds	3.0 SH		Semester Subtotal	19.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH			
	Semester Subtotal	15.0 SH			

Yr 2 SP	C CHM U317 Org Chm 2: Chem Maj Coreq(s): C CHM U318	4.0 SH
Yr 2 SP	C CHM U318 Lab for CHM U317 Coreq(s): C CHM U317	2.0 SH
Yr 2 SP	C CHM U331 Bioanalytical Chemistry Coreq(s): C CHM U332	4.0 SH
Yr 2 SP	C CHM U332 Lab for CHM U331 Coreq(s): C CHM U331	1.0 SH
Yr 2 SP	NU Core course or Elective	4.0 SH
Yr 2 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	19.0 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 U307 Adv Writing in the Sciences	4.0 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 CHM U401 Physical Chemistry 1 Coreq(s): C CHM U402	4.0 SH
Yr 3 FL	C CHM U402 Lab for CHM U401 Coreq(s): C CHM U401	1.0 SH
Yr 3 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 3 SP	C CHM U403 Physical Chemistry 2 Coreq(s): C CHM U404	4.0 SH
Yr 3 SP	C CHM U404 Lab for CHM U403 Coreq(s): C CHM U403	1.0 SH
Yr 3 SP	C CHM U646 Synth & Reactvty of Inorg Cmpnds	3.0 SH
Yr 3 SP	C CHM U628 Spectroscopy of Organ Compnds	3.0 SH
Yr 3 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	15.0 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 U750 Senior Research Coreq(s): C CHM U770	4.0 SH
Yr 4 FL	NU Core Course or Elective	4.0 SH
Yr 4 FL	NU Core Course or Elective	4.0 SH
Yr 4 FL	NU Core Course or Elective	4.0 SH
	Semester Subtotal	16.0 SH
Yr 4 SP	C CHM U521 Instrumental Methods of Anlys	1.0 SH
Yr 4 SP	C CHM U522 Instrumental Mthds of Anly Lab	4.0 SH
Yr 4 SP	C CHM U531 Chem Synth Characterization	1.0 SH
Yr 4 SP	C CHM U532 Chem Synth Charaterizatn Lab	4.0 SH
Yr 4 SP	NU Core course or Elective	4.0 SH
Yr 4 SP	NU Core Course or Elective	4.0 SH
	Semester Subtotal	18.0 SH
Yr 4 S1	VACATION	0.0 SH
	Semester Subtotal	0.0 SH
Yr 4 S2	VACATION	0.0 SH
	Semester Subtotal	0.0 SH