(For students admitted in 2015-16 under the 4-year degree)

School of Science

In addition to the requirements of their major programs, students are required to complete the School Requirements as shown below.

Some courses used to fulfill both Major and/or School Requirements can also fulfill University Common Core Requirements. Students may reuse a maximum of 9 credits of these courses to count towards both Requirements.

Some foundation courses listed below are also requirements of SSCI majors. These courses may also be used to fulfill Major Requirements, in addition to School Requirements. Students may consult the School for details and academic advice.

Students may use no more than 6 credits earned from courses offered in pure online delivery mode to satisfy the graduation requirements of a degree program. This 6-credit limit does not apply to credits obtained through the credit transfer procedures of the University.

School Requirements

			Credit(s) attained
SCIE	1000	Science School Induction	0
COMP		Note: COMP 1001 OR COMP 1021 OR COMP 1022P OR COMP 1022Q	3
COMP	1001	Exploring Multimedia and Internet Computing	3
COMP	1021	Introduction to Computer Science	3
COMP	1022P	Introduction to Computing with Java	3
COMP	1022Q	Introduction to Computing with Excel VBA	3
LANG	2010	English for Science I	3
SSCI		Science Foundation courses [8 courses from the specified elective list. Students should take (i) 7 foundation lecture courses, including at least 1 lecture course, but no more than 3 lecture courses, from each discipline: CHEM, LIFS, MATH and PHYS; and (ii) 1 laboratory course.]	
CHEM	1004	Chemistry in Everyday Life	3
CHEM	1010	General Chemistry IA	3
CHEM	1020	General Chemistry IB	3
CHEM	1030	General Chemistry II	3
CHEM	1050	Laboratory for General Chemistry I	1
CHEM	1055	Laboratory for General Chemistry II	1
LIFS	1030	Environmental Science	3
LIFS	1901	General Biology I	3
LIFS	1902	General Biology II	3
LIFS	1903	Laboratory for General Biology I	1
LIFS	1904	Laboratory for General Biology II	1
LIFS	1930	Nature of Life Sciences	3
LIFS	2210	Biochemistry I	3
MATH	1012	Calculus IA	4
MATH	1013	Calculus IB	3
MATH	1014	Calculus II	3
MATH	1020	Accelerated Calculus	4

	MATH	1023	Honors Calculus I	3
	MATH	1024	Honors Calculus II	3
	MATH	2023	Multivariable Calculus	4
	MATH	2121	Linear Algebra	4
	MATH	2131	Honors in Linear and Abstract Algebra I	4
	PHYS	1001	Physics and the Modern Society	3
	PHYS	1111	General Physics I	3
	PHYS	1112	General Physics I with Calculus	3
	PHYS	1113	Laboratory for General Physics I	1
	PHYS	1114	General Physics II	3
	PHYS	1115	Laboratory for General Physics II	1
	PHYS	1312	Honors General Physics I	3
	PHYS	1314	Honors General Physics II	3
SSCI			Note: Additional Required Courses for IRE Track (SCIE 1500 AND SCIE 2500 AND SCIE 3900 AND UROP 1100)	6
	SCIE	1500	Guided Study on Research I	1
	SCIE	2500	Guided Study on Research II	1
	SCIE	3900	International Research Experience	3
	UROP	1100	Undergraduate Research Opportunities Series 1	1
SSCI			Additional Science 2000-level or above Electives for IRE Track (Any 2 courses of the subject and level as specified and approved by advisor)	6