

YEAR 1				
SEMESTER	FALL		SPRING	
	INT 100 Principles of Academic Integrity	0		
	FYS 100 First Year Seminar	1	BME 101 Intro to Biomedical Engineering	3
	ENG 151 College Writing I	3	ENG 152 College Writing II	3
	BIO 112 Foundations of Gen Biology I: Cell Biology and Genetics or BIO 113 Gen Biology I: Cell and Genetics with BIO 113L Gen Biology I Laboratory Scientific Reasoning – Lab (SR-L)	4	PHYS 215 General Physics I with Calculus	4
	CHEM 114 General Chem I with Problem Solving or CHEM 115 General Chem I and CHEM 115L General Chem I Laboratory and CHEM 115S General Chem I SoLVE Scientific Reasoning – Lab (SR-L)	4	CHEM 116 General Chemistry II CHEM 116L General Chemistry II Laboratory & CHEM 116S General Chemistry II SoLVE	4
	MATH 220 Calculus I Quantitative Literacy (QL)	4	Communication Intensive (CI)	3
<b>CREDITS</b>	<b>16 CREDITS</b>		<b>17 CREDITS</b>	
YEAR 2				
SEMESTER	FALL		SPRING	
	BME 205 Problem Solving and Design	4	BME 210 Thermodynamics	3
	PHYS 216 General Physics II with Calculus	4	BME 230 Biofluids	3
	MATH 221 Calculus II	4	MATH 222 Calculus III	4
	SCI 215 Writing in the Sciences 200-Level Writing Intensive (WI)	3	MATH 321 Introduction to Differential Equations	4
	CHEM210 Organic Chemistry I	3	Humanities I* (HUM)	3
<b>CREDITS</b>	<b>18 CREDITS</b>		<b>17 CREDITS</b>	
YEAR 3				
SEMESTER	FALL		SPRING	
	BME 313 Biostatistics	3	BME 315 Biomaterials	4
	BME 380 Biomechanics	4	BME 320 Biomedical Engineering Internship	3
	Science Elective (1 of 2)	3-4	BME Elective (1 of 2)	3
	Humanities II* (HUM)	3	Fine Arts (FA)	3
	Social Science I** (SS)	3	Humanities III* (HUM)	3
<b>CREDITS</b>	<b>16 – 17 CREDITS</b>		<b>16 CREDITS</b>	
YEAR 4				
SEMESTER	FALL		SPRING	
	BME 335 Instrumentation	3	BME 475 Design Capstone II 300/400-Level Writing Intensive (WI)	3
	BME 340 Systems Physiology	4	BME Elective (2 of 2)	3
	BME 470 Design Capstone I 300/400-Level Writing Intensive (WI)	3	Humanities IV* (HUM)	3
	Science Elective (2 of 2)	3-4	Social Science II** (SS)	3
<b>CREDITS</b>	<b>13 – 14 CREDITS</b>		<b>12 CREDITS</b>	

**PROGRAM POLICIES**

Specific information regarding program policies and tracks (if applicable) may be found in the Stevenson University Catalog. Please consult with your academic advisor/success coach if you need additional information.

Prerequisite and co-requisite information is listed in the course descriptions.

No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below a "C" is earned in a major course, the student must repeat that course. A course may be repeated once without special permission.

**COURSE INFORMATION**

FYS-100 First Year Seminar  
1-credit course required for all first year students.

INT-100 Principles of Academic Integrity  
0-credit Blackboard course required for all students.

**BME Electives**  
Choose two from: BME 325, 330, 365, & 425

**Science Electives**  
Choose two from: BIO 217, 222, 230, 310, 322, 330; BIOCH 327, 427; CHEM 211/211L, 435.

**GENERAL EDUCATION NOTES**

Stevenson Educational Experience (SEE) courses are identified in blue.

- Specific courses that fulfill SEE requirements are listed in the SU Catalog, on the SU Now Portal, and through Student Planning.
- Students must complete all SEE and major requirements and earn a minimum of 120 credits.
- A minimum of 15 credits must be taken at the 300/400 level.

\*HUMANITIES classes must be from at least three different disciplines.

\*\*SOCIAL SCIENCE classes must be from two different disciplines