

BACHELOR OF SCIENCE IN APPLIED SCIENCE

Tracking Sheet

Freshman Year

	Course #	Course Name	R	L	C
Fall	ENGL	English Sequence	4	0	4
	CHEM 1100	General Chemistry I	3	2	4
	MATH 1750	Engineering Calculus I	4	0	4
	PHYS 1250	Engineering Physics I	3	2	4
	FYS 1000	First Year Seminar	1	0	0
Semester Credits:			15	4	16

	Course #	Course Name	R	L	C
Spring	ENGL	English Sequence	4	0	4
	CHEM 1600	General Chemistry II	3	2	4
	MATH 1850	Engineering Calculus II	4	0	4
	BIOL 1100	Cell & Molecular Biology	3	2	4
	Semester Credits:			14	4

Sophomore Year

	Course #	Course Name	R	L	C
Fall	CHEM 2500	Organic Chemistry I	3	2	4
	BIOL 2200	Advanced Molecular Biology	3	2	4
	PHYS 1750	Engineering Physics II	3	2	4
	MATH 2500	Differential Equations	4	0	4
Semester Credits:			13	6	16

	Course #	Course Name	R	L	C
Spring	HUSS	Humanities or Social Science Elective	4	0	4
	CHEM 3500	Organic Chemistry II	3	2	4
	BIOL 3000	Applications in Genetics	1	6	4
	COMP 1000	Computer Science I	3	2	4
	SCIN 2000	Scientific Instrumentation	1	6	4
Semester Credits:			12	16	20

	Course #	Course Name	R	L	C
Summer	COOP 3500	Cooperative Work Term (Optional)			
Semester Credits:			0	0	0

Junior Year

	Course #	Course Name	R	L	C
Fall	HUSS	Humanities or Social Science Elective	4	0	4
	CHEM 4200	Advanced Lab Techniques in Chemistry	1	6	4
	PHYS 3100	Modern Physics	3	2	4
	BIOL 3200	Cell Physiology & Signaling	3	2	4
Semester Credits:			11	10	16

	Course #	Course Name	R	L	C
Spring	COOP 3500	Cooperative Work Term			
Semester Credits:			0	0	0

	Course #	Course Name	R	L	C
Summer	HUSS	Humanities or Social Science Elective	4	0	4
	PHYS 3500	Thermal Physics	4	0	4
	BIOL 3100	Microbiology	3	2	4
	SCIN 2500	Scientific Computing	3	2	4
Semester Credits:			14	4	16

Senior Year

	Course #	Course Name	R	L	C
Fall	COOP 3500	Cooperative Work Team			
Semester Credits:			0	0	0

	Course #	Course Name	R	L	C
Spring	HUSS	Humanities or Social Science Elective	4	0	4
	BIOL 4500	Molecular Neurobiology	3	2	4
	CHEM 3550	Biochemistry	3	2	4
	SCIN 5000	Senior Capstone	1	6	4
Semester Credits:			10	4	16

	Course #	Course Name	R	L	C
Summer	HUSS	Humanities or Social Science Elective	4	0	4
	CHEM 3600	Inorganic Chemistry	3	2	4
	PHYS 3XXX	Physics Elective, 3000 level or higher	3	2	4
	SCIN 5500	Senior Capstone	1	6	4
Semester Credits:			10	4	16