

BSA in Food Science: Science, Technology & Engineering Emphasis

YEAR ONE

Fall Courses	Hours	Spring Courses	Hours
ENGL 1101 English Composition I	3	ENGL 1102 English Composition II	3
MATH 1113 Precalculus	3	CHEM 1212/1212L Freshman Chemistry II	4
CHEM 1211/1211L Freshman Chemistry I	4	BIOL 1107 Principles of Biology I	4
FYOS 1001 First Year Odyssey	1	HIST 2111 or 2112 American History	3
POLS 1101 American Government	3	General Elective	2
Total	14	Total	16

YEAR TWO

Fall Courses	Hours	Spring Courses	Hours
CHEM 2211/2211L Modern Organic Chemistry I	4	MATH 2250 Calculus I for Science & Engineering	4
World Language & Culture (Gen Ed IV)	3	PHYS 1111/1111L Introductory Physics	4
STAT 2000 Introductory Statistics	4	FDST 3000 Intro to Food Science and Technology	3
COMM 1100 Introduction to Public Speaking	3	World Language & Culture (Gen Ed IV)	3
Total	14	Total	14

YEAR THREE

Fall Courses	Hours	Spring Courses	Hours
FDST 4011/4011L Food Processing I	3	FDST 4012/4012L Food Processing II	3
FDST 4040/4040L Food Chemistry	4	FDST 4070 Nutritional Quality and the Effect of Technology	3
General Elective	2	MIBO 3500/3500L Intro. Microbiology	4
BCMB 3100 Introductory Biochemistry	4	FDST 4090 Food Quality Control	1
Food Science Elective ¹	3	General elective	4
Total	16	Total	15

YEAR FOUR

Fall Courses	Hours	Spring Courses	Hours
FDST 4013/4013L Food Processing III	3	World Language and Culture (Gen Ed IV)	3
FDST 4030/4030L Food Microbiology	4	FDST 4080/4080L Instr. Methods of Food Analysis	3
Food Science Elective ¹	3	FDST 4250/4250L Food Product Development	4
FDST 4400 Senior Project	3	Food Science Elective ¹	3
General Elective	2	Social Science Requirement	3
Total	15	Total	16

Total Hours Over 4-Year Academic Period **120**

(This total does not include the 1 hr. P.E. requirement.)

¹ Food Science Elective (9 hours)

¹Select seven (7) hours of electives from any 3000-level or above FDST courses. Food science electives for STE emphasis include FDST 3050, 3650/L, 3910, 4100, 4120/L, 4140/L, 4160, 4310/L, 4320/L, 4647, 4800, 4860/L and 4960R. Other courses may be added.