

Food Science Programs at a Glance – Fall Entry (2011)

Term-by-term course requirement comparison and general sequence of courses for the Food Chemistry (FC) and Food Science (FS) programs for a *Fall* (September) entry to the Program.

COURSES	FC	FS	CREDITS
Term 1 (Fall) 2011			
FDSC 200 Introduction to Food Science	Ⓡ	Ⓡ	3.0
FDSC 213 Analytical Chemistry 1	Ⓡ	Ⓡ	3.0
LSCI 211 Biochemistry 1**	Ⓡ	Ⓡ	3.0
FDSC 230 Organic Chemistry	Ⓡ/E	Ⓡ/E	3.0
XXX 000 Elective	E	E	3.0
Term 2 (Winter) 2012			
FDSC 233 Physical Chemistry	Ⓡ	Ⓡ	3.0
FDSC 251 Food Chemistry 1	Ⓡ	Ⓡ	3.0
LSCI 230 Introductory Microbiology	Ⓡ	Ⓡ	3.0
FDSC 334 Analysis of Food Toxins & Toxicants	Ⓡ	Ⓡ	3.0
XXXX 000 Elective	E	E	3.0
Term 3 (Fall) 2012			
FDSC 300 Principles of Food Analysis 1	Ⓡ	Ⓡ	3.0
FDSC 305 Food Chemistry 2	Ⓡ	Ⓡ	3.0
FDSC 310 Post Harvest Fruit/Vegetable Technology	Ⓡ	Ⓡ	3.0
NUTR 207 Nutrition and Health Issues	Ⓡ	Ⓡ	3.0
Term 4 (Winter) 2013			
FDSC 315 Separation Techniques in Food Analysis 1	Ⓡ	Ⓡ	3.0
FDSC 319 Food Commodities	Ⓡ	Ⓡ	3.0
FDSC 330 Food Processing	Ⓡ	Ⓡ	3.0
AGRI 510 Professional Practice (A _O)	Ⓡ	Ⓡ	3.0
AEMA 310 Statistical Methods 1**	Ⓡ	Ⓡ	3.0
Term 5 (Fall) 2013			
FDSC 405 Food Product Development	Ⓡ	E	3.0
FDSC 442 Food Microbiology	Ⓡ	Ⓡ	3.0
BREE 324 Elements of Food Engineering	Ⓡ	Ⓡ	3.0
FDSC 520 Biophysical Chemistry of Foods (A _O)	Ⓡ	E	3.0
FDSC 495 Food Science Seminar (Term1)	Ⓡ	Ⓡ	1.5
FDSC 490 Research Project 1	Ⓡ	E	3.0
Term 6 (Winter) 2014			
FDSC 400 Food Packaging	Ⓡ	Ⓡ	3.0
FDSC 410 Flavor Chemistry	Ⓡ	Ⓡ	3.0
FDSC 425 Principles of Quality Assurance	Ⓡ	Ⓡ	3.0
FDSC 515 Enzyme Thermodynamics/Kinetics (A _E)	Ⓡ	E	3.0
FDSC 495 Food Science Seminar (Term 2)	Ⓡ	Ⓡ	1.5
FDSC 491 Research Project 2	Ⓡ	E	3.0
Required Course Credits for Program	81/90	<u>69</u>/90	90

Note 1 - FDSC xxx Course numbers in RED are non-conflicting courses in all programs

Note 2 - [Organic Chemistry](#) - need only be taken if it has not been taken at CJEP or in the McGill Freshman program, **otherwise choose an elective** in the first term. For those who have not taken it, if it does not fit into the program in Term 1 take it in Term 5 where it is a non-conflicting course.

Note 3 - Ⓡ - Required course for a program

Note 4 - E - Take an Elective course

Note 5 - A_E - Alternate year course given in *even numbered* years - Please verify if being offered in this particular term.

Note 6 - A_O - Alternate year course given in *odd numbered* years - Please verify if being offered in this particular term.

Note 7 - [Research Project 1 and 2](#) - are courses supervised by individual staff and arrangement need to be made for supervision of these courses.

Note 8 - ** Course given in both fall and winter terms