

General Study Scheme for FNCS Major Study#

Course List

Year 1

- LSCI1002 (3), and
- CHEM1070 or 1280* (3), and
- MATH1010 or 1520* or STAT1011 or 1012* or PHYS1001* or 1002* or 1111 (3)

Year 2

- BCHE2030 (3)
- BIOL2120 (3)
- BIOL2410 (2)
- FNCS2001 (2)
- FNCS2002(2)
- LSCI2002 (2)

Year 3 and 4

- FNCS3001 (2)
- FNCS3002 (2)
- FNCS3010 (3)
- FNCS3030 (3)
- FNCS3110 (3)
- FNCS3180 (3)**

Nutritional Sci

- FNCS4002 (2)
- FNCS4101 (3)
- FNCS4102 (3)
- FNCS4120 (3)
- FNCS4150 (3)
- FNCS4160 (3)

Food Science

- FNCS4001 (2)
- FNCS4110 (3)
- FNCS4170 (3)
- FNCS5430 (3)

- STAT3210 (3)
- LSCI2003 (2)

- BCHE4060 (3)
- BCHE4130 (3)
- BCHE4760 (2)

- BIOL3410 (3)
- ENSC3520 (3)
- ENSC3820 (2)
- MBTE4320 (3)
- MBTE4530 (3)

- FNCS4901/4902/4903 (2-6) or FNCS4906 (2)

Study Unit

SCI Faculty Package (9)

Major Required Course (30)

Capstone Course (2-6)

Major Elective Course (≥18)

FNCS Major Min. Requirement (59)

BCHE2030	Fundamentals of Biochemistry
BCHE4060	Basic and Applied Immunology
BCHE4130	Molecular Endocrinology
BCHE4760	Immunology and Haematology Laboratory
BIOL2120	Cell Biology
BIOL2410	General Genetics
BIOL3410	General Microbiology
CHEM1070	Principles of Modern Chemistry
CHEM1280	Introduction to Organic Chemistry and Biomolecules
ENSC3520	Environmental and Biochemical Toxicology
ENSC3820	Environmental and Biochemical Toxicology Laboratory
FNCS2001	Introduction to Food Science and Technology
FNCS2002	Nutrition for Health
FNCS3001	Food Science Laboratory I
FNCS3002	Nutritional Science Laboratory I
FNCS3010	Nutrition and Human Development
FNCS3030	Nutritional Biochemistry
FNCS3110	Food Chemistry and Analysis
FNCS3180	Food Microbiology
FNCS4001	Food Science Laboratory II
FNCS4002	Nutritional Science Laboratory II
FNCS4101	Human Physiology for Nutrition Studies I
FNCS4102	Human Physiology for Nutrition Studies II
FNCS4110	Food Technology
FNCS4120	Community Nutrition
FNCS4150	Introduction to Medical Nutrition Therapy
FNCS4160	Nutrition Planning and Food Policy
FNCS4170	Food Product Development and Quality Control
FNCS4901	Senior Experimental Project I
FNCS4902	Senior Experimental Project II
FNCS4903	Senior Experimental Project III
FNCS4906	Internship
FNCS5430	Food Toxicology & Safety
LSCI1002	Introduction to Biological Sciences
LSCI2002	Basic Laboratory Techniques in Life Sciences
LSCI2003	Scientific Conduct and Ethics
MBTE4320	Genetic Engineering
MBTE4530	Microbial Biotechnology
MATH1010	University Mathematics
MATH1520	University Mathematics for Applications
PHYS1001	Essential Physics
PHYS1002	General Physics
PHYS1111	University Physics I
STAT1011	Introduction to Statistics
STAT1012	Statistics for Life Sciences
STAT3210	Statistical Techniques in Life Sciences

Notes
 #not applicable to the Early Admission and STARS stream
 *preferred course
 **also suitable for Year2 student

