

แผนการศึกษาตลอดหลักสูตร : Food Science and Technology Division

ปีที่ 1 The first semester

	Subject	Credit	Courses
1500133	Thai for Communication	3(3-0-6)	General Education Courses
1500134	English for Communication	3(3-0-6)	General Education Courses
4091606	Mathematics for Science	3(3-0-6)	Specific Requirement Course
4011305	Physics 1	3(3-0-6)	Specific Requirement Course
4021115	General Chemistry	3(2-2-5)	Specific Requirement Course
4031107	Fundamental Biology	3(2-2-5)	Specific Requirement Course
	Total	18 Credits	

ปีที่ 1 The second semester

	Subject	Credit	Courses
2500114	Ethics and Life Skills	3(3-0-6)	General Education Courses
xxxxxxx	.....	3(..-..-..)	General Education Courses
xxxxxxx	.....	3(..-..-..)	General Education Courses
4022305	Organic Chemistry	3(2-2-5)	Specific Requirement Course
4032601	Microbiology	3(2-2-5)	Specific Requirement Course
5075301	Introduction to Food Science and Technology	3(2-3-4)	Specific Requirement Course
	Total	18 Credits	

ปีที่ 2 The first semester

	Subject	Credit	Courses
xxxxxxx	.....	3(..-.-..)	General Education Courses
xxxxxxx	.....	3(..-.-..)	General Education Courses
4022605	Analytical Chemistry	3(2-2-5)	Specific Requirement Course
4022501	Biochemistry	3(2-2-5)	Specific Requirement Course
5075101	Food and Nutrition	3(3-0-6)	Specific Requirement Course
5075302	Food Processing 1	3(2-3-4)	Specific Requirement Course
Total		18 Credits	

ปีที่ 2 The second semester

	Subject	Credit	Courses
2500115	Volunteer Mindedness for Local Development	3(3-0-6)	General Education Courses
1500135	English at Work	3(3-0-6)	General Education Courses
1500117	English for Science 1	3(3-0-6)	Specific Requirement Course
4023401	Physical Chemistry	3(2-2-5)	Specific Requirement Course
4113105	Statistics for Research	3(3-0-6)	Specific Requirement Course
5075303	Food Processing 2	3(2-3-4)	Specific Requirement Course
Total		18 Credits	

ปีที่ 3 The first semester

	Subject	Credit	Courses
5075102	Food Chemistry	3(2-3-4)	Specific Requirement Course
5075103	Principles of Food Analysis	3(3-0-6)	Specific Requirement Course
5075104	Food Analysis Laboratory	1(0-3-0)	Specific Requirement Course
5075201	Food Microbiology	3(3-0-6)	Specific Requirement Course
5075202	Food Microbiology Laboratory	1(0-3-0)	Specific Requirement Course
5075401	Fundamental Food Engineering	3(2-3-4)	Specific Requirement Course
5075501	Food Laws and Food Sanitation	3(3-0-6)	Specific Requirement Course
2000113	ASEAN Studies	3(3-0-6)	General Education Courses
Total		20Credits	

ปีที่ 3 The second semester

	Subject	Credit	Courses
5075402	Unit Operation for Food Engineering	3(2-3-4)	Specific Requirement Course
5075502	Food Quality Control and Assurance	3(2-3-4)	Specific Requirement Course
5075601	Seminar in Food Science and Technology	1(0-2-1)	Specific Requirement Course
5075602	Introduction to Research and Experimental Design in Food Science and Technology	3(2-3-4)	Specific Requirement Course
5075504	Quality System and Food Safety Management	3(3-0-6)	Specific Requirement Course
xxxxxxx	.....	3(..-.-..)	Specific Requirement Course
xxxxxxx	.....	3(..-.-..)	Specific Requirement Course
xxxxxxx	.....	3(..-.-..)	Free Elective Course
Total		22Credits	

ปีที่ 4 The first semester

	Subject	Credit	Courses
1500118	English for Science 2	3(3-0-6)	เฉพาะ (วิชาแกน)
5075603	Special Problems in Food Science and Technology	3(0-6-3)	Specific Requirement Course
5075304	Planning and Management of Food Industry	3(3-0-6)	Specific Requirement Course
xxxxxxx	.....	3(..-.-..)	Specific Requirement Course
xxxxxxx	.....	3(..-.-..)	Specific Requirement Course
xxxxxxx	.....	3(..-.-..)	Free Elective Course
Total		18 Credits	

ปีที่ 4 The second semester

	Subject	Credit	Courses
5075701	Internship in Food Science and Technology	6(540)	Cooperative Education Course
or			
5075702	Co-operative Education	6(540)	Cooperative Education Course
Total		6Credits	