

Courses by structure Bachelor of Science Program The fields of agriculture are as follows

1. General Education	Not less than	30	Credit
1.1 Language and Communication Group	Not less than	12	Credit
1) Forced study		10	Credit
Course code	Subject name	น(ท-ป-อ)	
2100101	Thai for Communication	2(1-2-3)	
2100102	Speaking and Writing Skills Development	2(1-2-3)	
2100104	English for Communication and Learning Development	2(1-2-3)	
2100107	Melayu for Communication	2(1-2-3)	
2100108	Melayu for Communication and Learning Development	2(1-2-3)	
*2100115	English for Communication 1	2(1-2-3)	
*2100117	Thai for Careers	2(1-2-3)	
<p>หมายถึง รายวิชาสำหรับนักศึกษาที่สำเร็จการศึกษาระดับประกาศนียบัตรวิชาชีพชั้นสูง                      หมายเหตุ * (ปวส.) หรือเทียบเท่า (โดยไม่ต้องเรียนวิชา 2100101 ภาษาไทยเพื่อการสื่อสาร และ 2100104                      ภาษาอังกฤษเพื่อการสื่อสารและพัฒนาการเรียนรู้)</p>			
2) Choose to study Not less than 2 Credit			
2100103	Principles of Reading and Writing Thai Words	2(2-0-4)	
2100105	Development of Speaking and Reading Skills in English	2(1-2-3)	
2100106	English for Reading and Writing Development	2(1-2-3)	
2100109	Basic Melayu	2(1-2-3)	
2100110	Chinese for Communication	2(1-2-3)	
2100111	Basic Arabic	2(1-2-3)	

2100116 English for Communication 2 2(1-2-3)

**1.2 Humanities Group Not less than 6 Credit**

2100112 Happiness Study 2(1-2-3)

2100113 Aesthetics Approach 2(2-0-4)

2100114 Information for Life Long Learning 2(1-2-3)

2100118 Truth of Life 2(2-0-4)

2100119 Self Development 2(2-0-4)

2100120 Aesthetics for Life 2(1-2-3)

**1.3 Social Sciences Group Not less than 6 Credit**

2150101 Socialization 2(2-0-4)

2150102 Social Management 2(2-0-4)

2150103 Life Skills and Public Conscious Mind 2(1-2-3)

2150108 Skills for Life 2(1-2-3)

2150109 Life and Thai Culture 2(1-2-3)

**1.4 Mathematics group Science and technology**

**Not less than 6 Credit**

4100101 Mathematics in Daily Life 2(1-2-3)

4100102 Science for the Quality of Life Development 2(1-2-3)

4100103 Information Technology in Daily Life 2(1-2-3)

4100108 Science in Daily Life 2(1-2-3)

4100109 Sports for the Quality of Life Development 2(1-2-3)

Credit

**2) Specific category Not less than 96**

## 2.1 Mathematics and Basic Science Group

	Not less than	21	Credit
4101117	Fundamental Physics		3(3-0-6)
4101118	Fundamental Physics Laboratory		1(0-3-0)
4102101	General Chemistry 1		3(3-0-6)
4102102	General Chemistry Laboratory 1		1(0-3-0)
4103192	Fundamental Biology		3(3-0-6)
4103193	Fundamental Biology Laboratory		1(0-3-0)
4140204	Introduction to Statistics for Agriculture		3(3-0-6)
4140205	Microbiology for Agriculture		3(2-2-5)
4140206	Fundamental Mathematics for Agriculture		3(3-0-6)

## 2.2 Agricultural Fundamentals

Not less than

18 Credit

4140101	Principles of Plant Production		3(2-2-5)
4140309	Business and Laws in Agriculture		3(2-2-5)
4140415	New Technology for Agriculture		3(3-0-6)
4144148	Principles of Animal Production		3(2-2-5)
4151201	Agricultural Engineering		3(1-4-4)
4152101	Principles of Agricultural Extension		3(2-2-5)

## 2.3 Specialized subjects

Not less than  
50 Credit

### 1) Required subject subjects

17 Credit

4140102	Basic Agricultural Practice		1(0-2-1)
4140310	Seminar in Agriculture		1(0-2-1)

4140311	Experimental Design and Statistics for Agriculture	3(2-2-5)
4140312	Entrepreneur in Agriculture	3(2-2-5)
4141201	Soil and Soil Management	3(2-2-5)
4143201	Plant Propagation	3(2-2-5)
4148201	Pests and Pest Management	3(2-2-5)

2) Elective courses Not less than 33

Credit

By selecting from the following subjects group, not categorized into category, choose to study at least

6 Credit

4140103	Agriculture as Hobby	3(1-3-5)
4140208	Local Wisdom in Agriculture	3(3-0-6)
4140313	Sustainable Agriculture	3(2-2-5)
4140314	Processing and Value Adding of Agricultural Product	3(2-2-5)
4140417	Agricultural Meteorology and Irrigation	3(2-2-5)

3. Free Electives Not less than 6 Credit

To choose to study any subject in the Yala Rajabhat University curriculum, which is not unique from the course that has been studied in the past. And it must not be a subject that is required to be studied without the total credits in the criteria for graduation under this course