

# FIRST YEAR

## First semester

| Grades             | Course Number | Descriptive Title                 | No. of units | No. of hours/wk |           | Pre-requisite |
|--------------------|---------------|-----------------------------------|--------------|-----------------|-----------|---------------|
|                    |               |                                   |              | Lec             | Lab       |               |
|                    | Agric. 1      | Introduction to Agriculture       | 1            | 1               | 0         | None          |
|                    | GE: 1         | Understanding the Self            | 3            | 3               | 0         | None          |
|                    | GE: 2         | Readings in Philippine History    | 3            | 3               | 0         | None          |
|                    | GE: 3         | The Contemporary World            | 3            | 3               | 0         | None          |
|                    | Soils 1       | Principles of Soil Science        | 3            | 2               | 3         | None          |
|                    | Crop Prot 1   | Principles of Crop Protection     | 3            | 2               | 3         | None          |
|                    | Chem 1        | Organic Chemistry                 | 3            | 2               | 3         | None          |
|                    | Ag Bio 1      | Agricultural biology              | 3            | 2               | 3         | None          |
|                    | PE 1          | Physical Fitness                  | 2            | 2               | 0         | None          |
|                    | NSTP 1        | National Service Training Program | -3           |                 |           | None          |
| <b>Total Units</b> |               |                                   | <b>24</b>    | <b>20</b>       | <b>12</b> |               |

## Second Semester

| Grades             | Course Number   | Descriptive Title                             | No. of units | No. of hours/wk |           | Pre-requisite |
|--------------------|-----------------|---|--------------|-----------------|-----------|---------------|
|                    |                 |   |              | Lec             | Lab       |               |
|                    | Crop Prot 2     | Approaches and Practices in Pest Management   | 3            | 2               | 3         | Crop Prot 1   |
|                    | GE: 4           | Mathematics in the Modern World               | 3            | 3               | 0         | None          |
|                    | Crop Prod'n 1   | Field Crops Production and Management         | 3            | 2               | 3         | Ag bio 1      |
|                    | Animal Prod'n 1 | Poultry Production and Management             | 3            | 2               | 3         | Ag bio 1      |
|                    | GE: 5           | Purposive Communication                       | 3            | 3               | 0         | None          |
|                    | Horti 2         | Horticultural Crops Production and Management | 3            | 2               | 3         | Ag bio 1      |
|                    | GE: Elective 1  | General Economics w/ Land Reform and Taxation | 3            | 3               | 3         | None          |
|                    | Ag Stat 1       | Agricultural Statistics                       | 3            | 3               | 0         | None          |
|                    | PE 2            | Rhythmic Activities                           | 2            | 2               | 0         | PE 1          |
|                    | NSTP 2          | National Service Training Program             | -3           |                 |           | NSTP 1        |
| <b>Total Units</b> |                 |   | <b>26</b>    | <b>18</b>       | <b>15</b> |               |

## SUMMER

|  |  |  |   |  |  |                     |
|--|--|--|---|--|--|---------------------|
|  | Practicum 1 (Practicum in Agriculture) | Skills Development (Equivalent to 240 hours) | 6 |  |  | First year standing |
|--|--|--|---|--|--|---------------------|

# SECOND YEAR

## First Semester

| Grades             | Course Number   | Descriptive Title                           | No. of units | No. of hours/wk |           | Pre-requisite     |
|--------------------|-----------------|---|--------------|-----------------|-----------|-------------------|
|                    |                 |   |              | Lec             | Lab       |                   |
|                    | GE: 6           | Art Appreciation                            | 3            | 3               | 0         | None              |
|                    | Animal Prod'n 3 | Ruminant Production and Management          | 3            | 2               | 3         | Ag Bio1           |
|                    | PHT 1           | Crop Processing                             | 3            | 2               | 3         | Crop Prod'n 1     |
|                    | Soils 2         | Soil Fertility, Conservation and Management | 3            | 2               | 3         | Soil Science 1    |
|                    | Animal Prod'n 2 | Swine Production and Management             | 3            | 2               | 3         | Ag bio 1          |
|                    | GE: Elective 2  | People and the Earth Ecosystem              | 3            | 3               | 0         | None              |
|                    | Agric 2         | Introduction to Organic Agriculture         | 3            | 3               | 0         | Agric 1 & Ag Bio1 |
|                    | PE 3            | Individual and dual sports                  | 2            |                 |           | PE 1              |
| <b>Total Units</b> |                 |   | <b>23</b>    | <b>22</b>       | <b>12</b> |                   |

## Second Semester

| Grades             | Course Number  | Descriptive Title   | No. of units | No. of hours/wk |          | Pre-requisite |
|--------------------|----------------|---|--------------|-----------------|----------|---------------|
|                    |                |   |              | Lec             | Lab      |               |
|                    | GE: 7          | Science, Technology and Society                           | 3            | 3               | 0        | None          |
|                    | Bio Chem       | General Biochemistry                                      | 3            | 3               | 0        | Chem 1        |
|                    | GE: Elective 3 | Philippine Indigenous Communities                         | 3            | 3               | 0        | None          |
|                    | Ag Extension 1 | Principles of Agricultural Extension and Communication    | 3            | 3               | 0        | None          |
|                    | Ag Mech 1      | Basic Farm Machineries and Mechanization                  | 3            | 2               | 3        | GE 4          |
|                    | Envi Sci 1     | Natural Resource and Environmental Management             | 3            | 3               | 0        | None          |
|                    | Ag Econ 1      | Principles of Agricultural Entrepreneurship and Marketing | 3            | 2               | 3        | GE 4          |
|                    | PE 4           | Team sports   | 2            |                 |          | PE 1          |
| <b>Total Units</b> |                |   | <b>23</b>    | <b>19</b>       | <b>6</b> |               |



**First Semester**

| Grades | Course Number | Descriptive Title   | No. of units | No. of hours/wk |     | Pre-requisite     |
|--------|---------------|---|--------------|-----------------|-----|-------------------|
|        |               |   |              | Lec             | Lab |                   |
|        | Ge 8:         | Ethics  | 3            | 3               | 0   | None              |
|        | Ag Econ 2     | Introduction to Agricultural Commodity and Enterprise Development | 3            | 3               | 0   | GE 1              |
|        | FBM 1         | Agricultural Business and Entrepreneurship                        | 3            | 2               | 3   | Ag Econ 1         |
|        | PHT 2         | Meat Processing   | 3            | 2               | 3   | None              |
|        | Horti 9       | Horticultural Business  | 3            | 2               | 3   | Horti 2, Ag Bio 1 |
|        | Aqua 1        | Aquaculture Production and Management                             | 3            | 2               | 3   | None              |
|        | Agric 3       | Basic Biotechnology   | 3            | 2               | 3   | Agric 2           |
|        | Ag Mech 2     | Farm Machinery Fabrication, Operation, and Mangement              | 3            | 2               | 3   | Ag Mech 1         |

**Total Units                      24            18            18**

**Second Semester**

| Grades | Course Number   | Descriptive Title   | No. of units | No. of hours/wk |     | Pre-requisite          |
|--------|-----------------|---|--------------|-----------------|-----|------------------------|
|        |                 |   |              | Lec             | Lab |                        |
|        | Animal Prod'n 4 | Applied Ruminants   | 3            | 2               | 3   | Animal Prod'n 3        |
|        | FBM 2           | Agricultural Marketing and Project Proposal making                                      | 3            | 2               | 3   | FBM 1                  |
|        | Ag Econ 3       | Introduction to Agricultural Policy and Development                                     | 3            | 3               | 0   | GE 1                   |
|        | PHT 3           | Post Harvest Handling of Perishables and Durable Crops                                  | 3            | 2               | 3   | Crop Prod'n 1, Horti 2 |
|        | Crop Prod'n 2   | Applied field crops   | 3            | 2               | 3   | Crop Prod'n 1          |
|        | Ag Mech 3       | Introduction to Water Management and Irrigation   | 3            | 2               | 3   | Ag Mech 2              |
|        | Competency 1    | Competency Enhancement 1 (Crop Sci, Crop Prot, Soil Sci, An Sci, Ag Econ, Ag Extension) | 3            | 3               | 0   |                        |

**Total Units                      21            16            15**

**FOURTH YEAR****First Semester**

| Grades | Course Number       | Descriptive Title   | No. of units | No. of hours/wk |     | Pre-requisite       |
|--------|---------------------|---|--------------|-----------------|-----|---------------------|
|        |                     |   |              | Lec             | Lab |                     |
|        | Practicum 2         | Microproject  | 16           | 540 hrs         |     | Practic. 1          |
|        | FBM 3               | Agricultural Business Finance   | 3            | 2               | 3   | FBM 2               |
|        | Animal Production 5 | Applied monogastric   | 3            | 2               | 3   | Animal Prod'n 1 & 2 |
|        | Rizal 1             | Life and Works of Rizal   | 3            | 3               | 0   | None                |
|        | Competency 2        | Competency Enhancement 1 (Crop Sci, Crop Prot, Soil Sci, An Sci, Ag Econ, Ag Extension) | 3            | 3               | 0   |                     |
|        |                     |   |              |                 |     |                     |
|        |                     |   |              |                 |     |                     |

**Total Units                      28            10            6**

**Second Semester**

| Grades | Course Number | Descriptive Title | No. of units | No. of hours/wk |     | Pre-requisite     |
|--------|---------------|-------------------|--------------|-----------------|-----|-------------------|
|        |               |                   |              | Lec             | Lab |                   |
|        | Practicum 3   | OJT               | 18           | 720 hrs.        |     | Practicum 1 and 2 |

**Total Units                      18            0            0**

**187**

Sum Total of units of the Curriculum

**Number of Units**

|                                    |            |
|------------------------------------|------------|
| General Education                  | 36         |
| Core Courses                       | 54         |
| Fundamental Agriculture Courses    | 43         |
| Thesis or Practicum/Field Practice | 22         |
| OJT                                | 18         |
| NSTP/PE                            | 8          |
| Competency                         | 6          |
| <b>TOTAL NUMBER OF UNITS</b>       | <b>187</b> |