



INTER AMERICAN UNIVERSITY OF PUERTO RICO
GUAYAMA CAMPUS
DEPARTMENT OF ANIMAL AND AGRICULTURAL SCIENCES

Plan of Studies
BACHELOR OF AGRICULTURAL SCIENCES IN AGRONOMY (B817)

| | |
|-------------------------------------|-------------------|
| General Education Requisites | 42 credits |
| Major Requirements | 84 credits |
| Elective Courses | 3 credits |

Total **129 credits**

FIRST YEAR

| First Semester | | |
|-----------------|--|-----------|
| Course Code | Course Title | Credits |
| BIOL 1100 | Botany and Plant Physiology | 3 |
| GEIC 1010 | Information and Computing Technologies | 3 |
| GESP 1101 | Literature and Communication: Narrative and Poetry | 3 |
| GEEN 1101 | English as a Second Language I: Oral Communication | 3 |
| GEMA 1200 | Fundamentals of Algebra | 3 |
| Total | | 15 |
| Second Semester | | |
| AGRO 1110 | Edaphology | 3 |
| AGRO 1120 | Plant Pathology | 4 |
| GESP 1102 | Literature and Communication: Essay and Theatre | 3 |
| GEEN 1102 | English as a Second Language II: Reading | 3 |
| GECF 1010 | Introduction to the Christian Faith | 3 |
| Total | | 16 |

SECOND YEAR

| First Semester | | |
|-----------------|--|-----------|
| Course Code | Course Title | Credits |
| AGRO 2200 | Agricultural Health and Security | 3 |
| AGRO 2211 | Crop Production I | 4 |
| AGRO 2220 | New Agricultural Trends | 4 |
| AGRO 2230 | Animal Production | 3 |
| GEHS 2010 | Historical Process of Contemporary Puerto Rico | 3 |
| Total | | 17 |
| Second Semester | | |
| AGRO 2212 | Crop Production II | 4 |
| AGRO 2240 | Agricultural Waste | 3 |
| AGRO 2250 | Product Commercialization | 3 |
| AGRO 2910 | Practicum in Agriculture | 2 |
| GEHP 3000 | Integral Health and Quality of Life | 3 |
| Total | | 15 |

THIRD YEAR

| First Year | | |
|-----------------|--|-----------|
| Course Code | Course Title | Credits |
| AGRO 1130 | Animal Welfare | 3 |
| CHEM 2120 | Applied Chemistry in Agricultural Sciences | 4 |
| AGRO 2231 | Animal Production II | 3 |
| AGRO 3010 | Agricultural Machinery and Mechanization | 4 |
| GEEN 1103 | English as a Second Language III: Writing | 3 |
| Total | | 17 |
| Second Semester | | |
| AGRO 2230 | Animal Food and Nutrition | 3 |
| AGRO 3015 | Agro-business Management | 3 |
| AGRO 3020 | Agricultural Biotechnology | 3 |
| AGRO 3025 | Challenges to Climate Change | 3 |
| PHYS 1013 | General Physics and its Applications | 4 |
| Total | | 16 |

FOURTH YEAR

| First Semster | | |
|-------------------------------------|--|-----------|
| Course Code | Course Title | Credits |
| AGRO 4010 | Soil and Water Conservation | 3 |
| AGRO 4015 | Pasture and Forage Management | 3 |
| AGRO 4020 | Project Design and Evaluation | 3 |
| GEHS 3020 | Global Society | 3 |
| GEPE 4040 | Ethics and Social Responsibility | 3 |
| Elective | | 3 |
| Total | | 18 |
| Segundo Semestre | | |
| AGRO 4025 | Agricultural Marketing | 3 |
| AGRO 4030 | Agricultural Science Research | 3 |
| AGRO 4910 | Agricultural Science Practice | 3 |
| GEPE 3010 GEPE 3020 GEPE 3030 | Select a course: Art Appreciation Music Appreciation Theater Appreciation | 3 |
| GESP 2203 | Literature and World View | 3 |
| Total | | 15 |