| | DACIIL | LOR OF SCIENCE IN AGRICULTURAL BIOTECHNOLOGY | | | |
|---|-------------|--|------|---|---|
| | | FIRST YEAR | | | |
| FIRST SEMESTER | | SECOND SEMESTER | | MIDYEAR | |
| ABT 11. Introduction to Agricultural Biotechnology | 1 | CHEM 40. Basic Organic Chemistry | 4 | | |
| CHEM 18. University Chemistry | 3 | CHEM 40.1. Basic Organic Chemistry Laboratory | 1 | | |
| CHEM 18.1. University Chemistry Laboratory | 2 | AGRI 22. Introduction to Livestock and Poultry Production | 3 | | |
| AGRI 21. Introduction to Animal Science | 3 | MATH 25. Fundamental Calculus | 3 | | |
| AGRI 31. Fundamentals of Crop Science I | 3 | BIO 30. Genetics | 3 | | |
| ARTS 1. Critical Perspectives in the Arts | 3 | KAS1/HIST 1. Kasaysayan ng Pilipinas/Philippine History | 3 | | |
| STS 1. Science, Technology, and Society | 3 | ETHICS 1. Ethics and Moral Reasoning in Everyday Life | 3 | | |
| HK 11. Wellness and Basic Injury Management | (2) | HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities | (2) | | |
| | | NSTP 1. National Service Training Program | (3) | | |
| | 18 | | 20 | | |
| | | SECOND YEAR | | | |
| FIRST SEMESTER | | SECOND SEMESTER | | MIDYEAR | |
| ABT 101. Fundamentals of Agricultural Biotechnology | 3 | ABT 103. Experimental Techniques in Agricultural Biotechnology I | 3 | | |
| CHEM 160. Introductory Biochemistry | 3 | Elective Course 1 | 3 | | |
| AGRI 32. Fundamentals of Crop Science II | 3 | AGRI 51. Principles of Soil Science | 3 | | |
| MCB 11. Biology and Applications of Microorganisms | 3 | CMSC 12. Foundations of Computer Science | 3 | | |
| AGRI 41. Principles of Crop Protection | | BIO 101. Introductory Molecular Biology | 3 | | |
| Elective GE1 (Math 10). Mathematics, Culture and Society | _ | AGRI 42. Pest Management | 3 | | |
| HK 12/13. Human Kinetics Activities/Advanced Human | | | | | |
| Kinetics Activities | (2) | Elective GE 2 | 3 | | |
| NSTP 2. National Service Training Program | (3) | HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities | (2) | | |
| | 18 | | 21 | | |
| | | THIRD YEAR | | | |
| FIRST SEMESTER | | SECOND SEMESTER | | MIDYEAR | |
| ABT 104. Experimental Techniques in Agricultural Biotechnol | og 3 | ABT 106. Molecular Markers | 3 | ABT 198/200a. Practicum/Major Farm Practice | 3 |
| STAT 162. Experimental Designs I | 3 | ABT 107. Recombinant DNA Technology | 3 | | |
| AGRI 61. Agricultural Extension Communication | 3 | ECON 11. General Economics | 3 | | |
| PI 10. The Life and Works of Jose Rizal | 3 | AGRI 171. Ethics, Laws, and Policies in Agriculture | 3 | | |
| ABME 10. Foundations of Entrepreneurship | 3 | Specialization Course 1 | 3 | | |
| COMM 10. Critical Perspectives in Communication | 3 | | 1 | | |
| Elective GE 3 (SAS 1). Self and Society | 3 | | | | |
| HK 12/13. Human Kinetics Activities/Advanced Human | 1 | | | | |
| Kinetics Activities | (2) | | | | |
| | 21 | | 15 | | 3 |
| | | FOURTH YEAR | | | |
| FIRST SEMESTER | | SECOND SEMESTER | | MIDYEAR | |
| MGT 101. Concepts and Dynamics of Management | 3 | ABT 108. Issues and Regulation of Agricultural Biotechnology | 3 | | |
| Specialization Course 2 | 3 | ABT 199. Undergraduate Seminar | 1 | | |
| Specialization Course 3 | 3 | AGRI 199. Colloquium in Agriculture | 1 | | |
| Specialization Course 4 | 3 | Elective Course 2 | 3 | | |
| ABT 200/200a. Undergraduate Thesis/Major Farm Practice | 3 | ABT 200/190. Undergraduate Thesis/Special Problems | 3 | | |
| | 15 | | 11 | | |
| TOTAL LINITS | 1/12 | | 1 11 | | |

BACHELOR OF SCIENCE IN AGRICULTURAL BIOTECHNOLOGY

15 142 TOTAL UNITS

| В | ACHE | LOR OF SCIENCE IN AGRICULTURAL BIOTECHNOLOGY | | | | |
|---|---|---|-------------------------------|--|----|--|
| Redesigned cu | urricul | um for remote learning from First Semester 2020-2021 to pres | ent | | | |
| | | | | | | |
| FIDET CENACCTED | | FIRST YEAR | | 2 4 1 D V T 4 D | | |
| FIRST SEMESTER APT 11 Introduction to Agricultural Diotochnology | | SECOND SEMESTER | _ | MIDYEAR | | |
| ABT 11. Introduction to Agricultural Biotechnology | 1 | AGRI 22. Introduction to Livestock and Poultry Production | 3 | | + | |
| CHEM 18. University Chemistry | _ | AGRI 32. Fundamentals of Crop Science II | 3 | | + | |
| AGRI 21 (Lab). Introduction to Animal Science | | AGRI 41. Principles of Crop Protection | 3 | | + | |
| AGRI 31 (Lab). Fundamentals of Crop Science | | CHEM 18.1. University Chemistry Laboratory | 2 | | + | |
| ARTS 1. Critical Perspectives in the Arts | 3 | HIST1/KAS1. Kasaysayan ng Pilipinas/Philippine History | 3 | | | |
| STS 1. Science, Technology and Society | 3 | ETHICS 1. Ethics and Moral Reasoning in Everyday Life | 3 | | | |
| | | HK 11. Wellness and Basic Injury Management | (2) | | | |
| | 16 | | 17 | | | |
| | | SECOND YEAR | | | | |
| FIRST SEMESTER | T - | SECOND SEMESTER | _ | MIDYEAR | | |
| CHEM 40. Basic Organic Chemistry | 4 | CHEM 160. Introductory Biochemistry | 3 | | +- | |
| CHEM 40.1. Basic Organic Chemistry Laboratory | 1 | ABT 101. Fundamentals of Agricultural Biotechnology | 3 | | 1 | |
| AGRI 42. Pest Management | 3 | STAT 162. Experimental Designs I | 3 | | | |
| MCB 11. Biology and Applications of Microorganisms | 3 | CMSC 12. Introduction to Computer Science | 3 | | | |
| Elective GE1 (Math 10). Mathematics, Culture and Society | 3 | MATH 25. Fundamental Calculus | 3 | | | |
| BIO 30. Genetics | 3 | AGRI 51. Principles of Soil Science | 3 | | | |
| HK 12/13. Human Kinetics Activities/Advanced Human | (2) | Elective GE 2 | 3 | | | |
| Kinetics Activities | (2) | LIECTIVE OL 2 | 3 | | | |
| | | NSTP 1. National Service Training Program | (3) | | | |
| | 17 | | 21 | | | |
| | | THIRD YEAR | | | | |
| FIRST SEMESTER | | SECOND SEMESTER | | MIDYEAR | | |
| ABT 103. Experimental Techniques in Agricultural | 3 | ABT 106. Molecular Markers | 3 | | 3 | |
| Biotechnology I | | ADT 100. Worecular Warkers | 3 | ABT 198/200a. Practicum/Major Practice | | |
| BIO 101. Introductory Molecular Biology | 3 | ABT 104. Experimental Techniques in Agricultural Biotechnolo | 3 | | | |
| AGRI 61. Agricultural Extension Communication | 3 | Elective course 1 | 3 | | | |
| PI 10. The Life and Works of Jose Rizal | | | | | | |
| 11 TO. THE LITE WITH WORKS OF JOSE MIZE | + | ECON 11. General Economics | 3 | | | |
| ABME 10. Cultivating the Entreprenuerial Mindset | 3 | ECON 11. General Economics AGRI 171. Ethics, Laws, and Policies in Agriculture | 3 | | | |
| | 3 | | 3 3 | | | |
| ABME 10. Cultivating the Entreprenuerial Mindset | 3 | AGRI 171. Ethics, Laws, and Policies in Agriculture SPECIALIZATION COURSE 1 HK 12/13. Human Kinetics Activities/Advanced Human | | | | |
| ABME 10. Cultivating the Entreprenuerial Mindset COMM 10. Critical Perspectives in Communication Elective GE 3 (SAS 1). Self and Society | 3 3 3 | AGRI 171. Ethics, Laws, and Policies in Agriculture SPECIALIZATION COURSE 1 | 3 3 (2) | | | |
| ABME 10. Cultivating the Entreprenuerial Mindset COMM 10. Critical Perspectives in Communication Elective GE 3 (SAS 1). Self and Society NSTP 2. National Service Training Program | 3 3 3 3 (3) | AGRI 171. Ethics, Laws, and Policies in Agriculture SPECIALIZATION COURSE 1 HK 12/13. Human Kinetics Activities/Advanced Human | (2) | | | |
| ABME 10. Cultivating the Entreprenuerial Mindset COMM 10. Critical Perspectives in Communication Elective GE 3 (SAS 1). Self and Society | 3 3 3 | AGRI 171. Ethics, Laws, and Policies in Agriculture SPECIALIZATION COURSE 1 HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities | | | 3 | |
| ABME 10. Cultivating the Entreprenuerial Mindset COMM 10. Critical Perspectives in Communication Elective GE 3 (SAS 1). Self and Society NSTP 2. National Service Training Program Total | 3 3 3 3 (3) | AGRI 171. Ethics, Laws, and Policies in Agriculture SPECIALIZATION COURSE 1 HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities FOURTH YEAR | (2) | NAIDVEAD | 3 | |
| ABME 10. Cultivating the Entreprenuerial Mindset COMM 10. Critical Perspectives in Communication Elective GE 3 (SAS 1). Self and Society NSTP 2. National Service Training Program | 3 3 3 3 (3) | AGRI 171. Ethics, Laws, and Policies in Agriculture SPECIALIZATION COURSE 1 HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities | (2) | MIDYEAR | 3 | |
| ABME 10. Cultivating the Entreprenuerial Mindset COMM 10. Critical Perspectives in Communication Elective GE 3 (SAS 1). Self and Society NSTP 2. National Service Training Program Total FIRST SEMESTER MGT 101. Concepts and Dynamics of Management | 3 3 3 (3) 21 | AGRI 171. Ethics, Laws, and Policies in Agriculture SPECIALIZATION COURSE 1 HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities FOURTH YEAR SECOND SEMESTER ABT 108. Issues and Regulation of Agricultural Biotechnology | (2) | MIDYEAR | 3 | |
| ABME 10. Cultivating the Entreprenuerial Mindset COMM 10. Critical Perspectives in Communication Elective GE 3 (SAS 1). Self and Society NSTP 2. National Service Training Program Total FIRST SEMESTER MGT 101. Concepts and Dynamics of Management ABT 107. Recombinant DNA Technology | 3 3 3 (3) 21 | AGRI 171. Ethics, Laws, and Policies in Agriculture SPECIALIZATION COURSE 1 HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities FOURTH YEAR SECOND SEMESTER ABT 108. Issues and Regulation of Agricultural Biotechnology ABT 199. Undergraduate Seminar | 18 | MIDYEAR | 3 | |
| ABME 10. Cultivating the Entreprenuerial Mindset COMM 10. Critical Perspectives in Communication Elective GE 3 (SAS 1). Self and Society NSTP 2. National Service Training Program Total FIRST SEMESTER MGT 101. Concepts and Dynamics of Management ABT 107. Recombinant DNA Technology SPECIALIZATION COURSE 2 | 3 3 3 (3) 21 | AGRI 171. Ethics, Laws, and Policies in Agriculture SPECIALIZATION COURSE 1 HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities FOURTH YEAR SECOND SEMESTER ABT 108. Issues and Regulation of Agricultural Biotechnology ABT 199. Undergraduate Seminar AGRI 199. Colloquium in Agriculture | 18 | MIDYEAR | 3 | |
| ABME 10. Cultivating the Entreprenuerial Mindset COMM 10. Critical Perspectives in Communication Elective GE 3 (SAS 1). Self and Society NSTP 2. National Service Training Program Total FIRST SEMESTER MGT 101. Concepts and Dynamics of Management ABT 107. Recombinant DNA Technology | 3 3 3 (3) 21 | AGRI 171. Ethics, Laws, and Policies in Agriculture SPECIALIZATION COURSE 1 HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities FOURTH YEAR SECOND SEMESTER ABT 108. Issues and Regulation of Agricultural Biotechnology ABT 199. Undergraduate Seminar | 18 | MIDYEAR | 3 | |
| ABME 10. Cultivating the Entreprenuerial Mindset COMM 10. Critical Perspectives in Communication Elective GE 3 (SAS 1). Self and Society NSTP 2. National Service Training Program Total FIRST SEMESTER MGT 101. Concepts and Dynamics of Management ABT 107. Recombinant DNA Technology SPECIALIZATION COURSE 2 | 3 3 3 (3) 21 3 3 3 3 | AGRI 171. Ethics, Laws, and Policies in Agriculture SPECIALIZATION COURSE 1 HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities FOURTH YEAR SECOND SEMESTER ABT 108. Issues and Regulation of Agricultural Biotechnology ABT 199. Undergraduate Seminar AGRI 199. Colloquium in Agriculture | (2) 18 3 1 | MIDYEAR | 3 | |
| ABME 10. Cultivating the Entreprenuerial Mindset COMM 10. Critical Perspectives in Communication Elective GE 3 (SAS 1). Self and Society NSTP 2. National Service Training Program Total FIRST SEMESTER MGT 101. Concepts and Dynamics of Management ABT 107. Recombinant DNA Technology SPECIALIZATION COURSE 2 SPECIALIZATION COURSE 3 | 3 3 3 (3) 21 3 3 3 3 | AGRI 171. Ethics, Laws, and Policies in Agriculture SPECIALIZATION COURSE 1 HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities FOURTH YEAR SECOND SEMESTER ABT 108. Issues and Regulation of Agricultural Biotechnology ABT 199. Undergraduate Seminar AGRI 199. Colloquium in Agriculture Elective Course 2 | (2) 18 3 1 1 3 | MIDYEAR | 3 | |
| ABME 10. Cultivating the Entreprenuerial Mindset COMM 10. Critical Perspectives in Communication Elective GE 3 (SAS 1). Self and Society NSTP 2. National Service Training Program Total FIRST SEMESTER MGT 101. Concepts and Dynamics of Management ABT 107. Recombinant DNA Technology SPECIALIZATION COURSE 2 SPECIALIZATION COURSE 3 SPECIALIZATION COURSE 4 | 3 3 3 (3) 21 3 3 3 3 3 | AGRI 171. Ethics, Laws, and Policies in Agriculture SPECIALIZATION COURSE 1 HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities FOURTH YEAR SECOND SEMESTER ABT 108. Issues and Regulation of Agricultural Biotechnology ABT 199. Undergraduate Seminar AGRI 199. Colloquium in Agriculture Elective Course 2 | (2) 18 3 1 1 3 | MIDYEAR | 3 | |
| ABME 10. Cultivating the Entreprenuerial Mindset COMM 10. Critical Perspectives in Communication Elective GE 3 (SAS 1). Self and Society NSTP 2. National Service Training Program Total FIRST SEMESTER MGT 101. Concepts and Dynamics of Management ABT 107. Recombinant DNA Technology SPECIALIZATION COURSE 2 SPECIALIZATION COURSE 3 SPECIALIZATION COURSE 4 ABT 200/ABT 200a. Undergraduate Thesis/Major Practice | 3 3 3 (3) 21 3 3 3 3 3 | AGRI 171. Ethics, Laws, and Policies in Agriculture SPECIALIZATION COURSE 1 HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities FOURTH YEAR SECOND SEMESTER ABT 108. Issues and Regulation of Agricultural Biotechnology ABT 199. Undergraduate Seminar AGRI 199. Colloquium in Agriculture Elective Course 2 | (2) 18 3 1 1 3 | MIDYEAR | 3 | |

TOTAL UNITS 142