

Ateneo de Davao University

School of Arts and Sciences BACHELOR OF SCIENCE IN BIOLOGY (GENERAL BIOLOGY) Curriculum Effective 2019 - 2020

| Course # | Description | Units | Pre-requisites |
|-------------------------------|--|-------|---|
| 1st Year, 1st Semester | | | |
| ASF 1102 | NATIONAL SERVICE TRAINING PROGRAM - CIVIC WELFARE TRAINING SERVICE 1 | 3.0 | |
| ASF 1000 | ARRUPE SOCIAL FORMATION 0 | 2.0 | |
| ASF 1101 | ARRUPE SOCIAL FORMATION 1 | 2.0 | |
| GE 1105 | UNDERSTANDING THE SELF | 3.0 | |
| Philo 1000 | PHILOSOPHY | 3.0 | |
| PE 1114 | PATH-FIT I | 2.0 | |
| Bio 1130 | GENERAL BOTANY LEC | 3.0 | |
| Bio 1131 | GENERAL BOTANY LAB | 2.0 | |
| Bio 1132 | GENERAL ZOOLOGY LEC | 3.0 | |
| Bio 1133 | GENERAL ZOOLOGY LAB | 2.0 | |
| CHEM 1041 | CHEMICAL BIOLOGY I LEC (ANALYTICAL METHODS FOR BIOLOGY LEC) | 3.0 | |
| CHEM 1042 | CHEMICAL BIOLOGY I LAB (ANALYTICAL METHODS FOR BIOLOGY LAB) | 2.0 | |
| Total Number of Units | | 30.0 | |
| 1st Year, 2nd Semester | | | |
| MATH 1275 | MATH ANALYSIS WITH ALGEBRA | 3.0 | |
| Chem 1051 | CHEMICAL BIOLOGY II LEC (ORGANIC MOLECULES LEC) | 3.0 | |
| Chem 1052 | CHEMICAL BIOLOGY II LAB (ORGANIC MOLECULES LAB) | 1.0 | |
| GE 1210 | READINGS IN PHILIPPINE HISTORY | 3.0 | |
| Theo 1000 | THEOLOGY | 3.0 | |
| ASF 1203 | NATIONAL SERVICE TRAINING PROGRAM - CIVIC WELFARE TRAINING SERVICE 2 | 3.0 | ASF 1102 |
| PE 1215 | PATH-FIT II | 2.0 | PE 1114 |
| BIO 1234 | SYSTEMATICS LEC | 3.0 | Bio 1130, Bio 1131, Bio 1132, Bio 1133 |
| BIO 1235 | SYSTEMATICS LAB | 2.0 | Bio 1130, Bio 1131, Bio 1132, Bio 1133 |
| Total Number of Units | | 23.0 | |
| 2nd Year, 1st Semester | | | |
| ENGL 2165 | TECHNICAL WRITING | 3.0 | |
| CHEM 2065 | CHEMICAL BIOLOGY III LEC | 3.0 | Chem 1051, Chem 1052, CHEM 1041, CHEM 1042 |
| CHEM 2066 | CHEMICAL BIOLOGY III LAB | 2.0 | Chem 1051, Chem 1052, CHEM 1041, CHEM 1042 |
| GE 1108 | MATHEMATICS IN THE MODERN WORLD | 3.0 | |
| GE 1109 | ETHICS | 3.0 | |
| GE 1106 | PURPOSIVE COMMUNICATION | 3.0 | |
| PE 2116 | PATH-FIT III | 2.0 | PE 1114 |
| BIO 2138 | EVOLUTIONARY BIOLOGY LEC | 3.0 | Bio 1130, Bio 1131, Bio 1132, Bio 1133 |
| BIO 2139 | EVOLUTIONARY BIOLOGY LAB | 2.0 | Bio 1130, Bio 1131, Bio 1132, Bio 1133 |
| MATH 2176 | STATISTICAL BIOLOGY | 3.0 | MATH 1275 |
| Total Number of Units | | 27.0 | |
| 2nd Year, 2nd Semester | | | |
| BIO 2240 | GENERAL ECOLOGY LEC | 3.0 | Bio 1130, Bio 1131, Bio 1132, Bio 1133, MATH 2176 |
| BIO 2241 | GENERAL ECOLOGY LAB | 2.0 | Bio 1130, Bio 1131, Bio 1132, Bio 1133, MATH 2176 |
| GE 1211 | THE CONTEMPORARY WORLD | 3.0 | |
| GE 1107 | ART APPRECIATION | 3.0 | |
| GE 1212 | SCIENCE, TECHNOLOGY AND SOCIETY | 3.0 | |
| BIO 2242 | GENETICS LEC | 3.0 | Bio 1130, Bio 1131, Bio 1132, Bio 1133 |

| Course # | Description | Units | Pre-requisites |
|-------------------------------|------------------------------------|-------|--|
| BIO 2243 | GENETICS LAB | 2.0 | Bio 1130, Bio 1131, Bio 1132, Bio 1133 |
| BIO 2246 | MICROBIOLOGY LEC | 3.0 | Bio 1130, Bio 1131, Bio 1132, Bio 1133 |
| BIO 2247 | MICROBIOLOGY LAB | 2.0 | Bio 1130, Bio 1131, Bio 1132, Bio 1133 |
| PE 2217 | PATH-FIT IV | 2.0 | PE 1114 |
| Total Number of Units | | 26.0 | |
| 3rd Year, 1st Semester | | | |
| BIO 3144 | CELL AND MOLECULAR BIOLOGY LEC | 3.0 | Bio 1130, Bio 1131, Bio 1132, Bio 1133, CHEM 2065, CHEM 2066 |
| ELEC 3150 | FREE ELECTIVE 1 | 3.0 | |
| BIO 3136 | GENERAL PHYSIOLOGY LEC | 3.0 | Bio 1130, Bio 1131, Bio 1132, Bio 1133 |
| BIO 3137 | GENERAL PHYSIOLOGY LAB | 2.0 | Bio 1130, Bio 1131, Bio 1132, Bio 1133 |
| GE 3118 | ELECTIVE 1 | 3.0 | |
| BIO 3145 | CELL AND MOLECULAR BIOLOGY LAB | 2.0 | Bio 1130, Bio 1131, Bio 1132, Bio 1133, CHEM 2065, CHEM 2066 |
| BIO 3148 | BIOPHYSICS LEC | 3.0 | |
| BIO 3149 | BIOPHYSICS LAB | 2.0 | |
| Total Number of Units | | 21.0 | |
| 3rd Year, 2nd Semester | | | |
| BIO 3251 | DEVELOPMENTAL BIOLOGY LEC | 3.0 | Bio 1130, Bio 1131, Bio 1132, Bio 1133 |
| BIO 3252 | DEVELOPMENTAL BIOLOGY LAB | 2.0 | Bio 1130, Bio 1131, Bio 1132, Bio 1133 |
| BIO SP 3253 | SPECIAL PROBLEMS 1 | 2.0 | Bio 1130, Bio 1131, Bio 1132, Bio 1133, BIO 1234, BIO 1235, BIO 2138, BIO 2139, BIO 2240, BIO 2241, BIO 3145, BIO 2242, BIO 2243, BIO 3144, BIO 2246, BIO 2247, BIO 3136, BIO 3137, CHEM 2065, CHEM 2066 |
| GE 1213 | LIFE AND WORKS OF RIZAL | 3.0 | |
| BIO SC 3265 | SPECIALIZATION COURSE LEC 2 | 3.0 | |
| BIO SC 3266 | SPECIALIZATION COURSE LAB 2 | 2.0 | |
| GE 3219 | ELECTIVE 2 | 3.0 | |
| ELEC 3250 | FREE ELECTIVE 2 | 3.0 | |
| Total Number of Units | | 21.0 | |
| 3rd Year, Summer | | | |
| PRAC 3356 | BIO PRACTICUM | 3.0 | |
| Total Number of Units | | 3.0 | |
| 4th Year, 1st Semester | | | |
| BIO SP 4161 | SPECIAL PROBLEMS 2 | 2.0 | BIO SP 3253 |
| BIO SC 4163 | COMPARATIVE VERTEBRATE ANATOMY LEC | 3.0 | Bio 1132, Bio 1133 |
| BIO SC 4164 | COMPARATIVE VERTEBRATE ANATOMY LAB | 2.0 | Bio 1132, Bio 1133 |
| BIO SC 4167 | SPECIALIZATION COURSE LEC 3 | 3.0 | |
| BIO SC 4168 | SPECIALIZATION COURSE LAB 3 | 2.0 | |
| GE 4120 | ELECTIVE 3 | 3.0 | |
| Total Number of Units | | 15.0 | |
| 4th Year, 2nd Semester | | | |
| BIO SC 4266 | SPECIALIZATION COURSE LAB 4 | 2.0 | |
| BIO SC 4267 | SPECIALIZATION COURSE LEC 5 | 3.0 | |
| BIO SC 4268 | SPECIALIZATION COURSE LAB 5 | 2.0 | |
| ASF 4204 | SENIORS' INTEGRATION PROGRAM | 2.0 | |
| BIO SC 4265 | SPECIALIZATION COURSE LEC 4 | 3.0 | |
| BIO SP 4262 | SPECIAL PROBLEMS 3 | 2.0 | BIO SP 4161 |
| Total Number of Units | | 14.0 | |