



UNIVERSITY OF SASSARI - DEPARTMENT OF BIOMEDICAL SCIENCES

THREE-YEAR BACHELOR'S DEGREE IN BIOTECHNOLOGY (class L2, code 1191)

Academic Year 2018/2019

First Year - cohort 2018/2019

| Year | Seme ster | Code | Course Unit | ECTS | Module code | Module | TAF | SSD | Module ECTS | Lecturer | Length (h) | Private study (h) |
|------|--------------|----------|---|------|----------------|--------|-----|----------|----------------|------------------------|------------|----------------------|
| 1 | 1 | 40002790 | Cellular Biology | 7 | -- | -- | B | BIO/06 | 7 | Gian Luigi Sciola | 60 | 115 |
| 1 | 1 | 40003682 | General and Inorganic Chemistry with Laboratory | 9 | -- | -- | A | CHIM/03 | 9 | | 80 | 145 |
| 1 | 1 | 10310220 | Genetics | 6 | -- | -- | A/B | BIO/18 | 6 | Paolo Francalacci | 48 | 102 |
| 1 | 1 | 40000424 | English Language | 3 | -- | -- | E | L-LIN/12 | 3 | | 33 | 42 |
| 1 | 1 | 40000691 | Mathematics | 6 | -- | -- | A | MAT/05 | 6 | | 48 | 102 |
| 1 | 2 | 10D70500 | Plant Biology | 6 | -- | -- | B | BIO/04 | 6 | Marianna Usai | 52 | 98 |
| 1 | 2 | A002101 | Biotechnologies Applied to Zootechnical Productions | 5 | -- | -- | D | AGR/19 | 5 | Maria Luisa Dettori | 45 | 133 |
| 1 | 2 | 40000646 | Organic Chemistry | 6 | -- | -- | A | CHIM/06 | 6 | | 48 | 102 |
| 1 | 2 | 40000672 | Physics | 6 | -- | -- | A | FIS/07 | 6 | Antonio Brunetti | 48 | 102 |
| 1 | 2 | 40000537 | Statistics | 6 | -- | -- | A | MED/01 | 6 | Maria Giuliana Solinas | 48 | 102 |

Second Year - cohort 2017/2018

| Year | Seme ster | Code | Course Unit | ECTS | Module code | Module | TAF | SSD | Module ECTS | Lecturer | Length (h) | Private study (h) |
|------|--------------|----------|---|------|----------------|---|-----|--------|----------------|-----------------------------|------------|----------------------|
| 2 | 1 | 40000627 | Anatomy and Physiology | 12 | 40000000 | Human Anatomy | | | 6 | Vittorio Lorenzo Mazzarello | 56 | 94 |
| | | | | | 40003472 | Fundamentals of Physiology of Animal Reproduction | B | VET/02 | 6 | Salvatore Naitana | 56 | 94 |
| 2 | 1 | 11290004 | Biochemistry | 9 | -- | -- | | | 9 | Laura Manca | 76 | 149 |
| 2 | 1 | 10I10101 | Law and Patentability | 4 | -- | -- | B | IUS/01 | 4 | Monica Maria Caterina Cossu | 32 | 68 |
| 2 | 2 | 11290006 | Molecular Biology | 9 | -- | -- | | | 9 | Ciro Iaccarino | 76 | 149 |
| 2 | 2 | 40003478 | Biotechnologies Applied to Plant Protection | 8 | -- | -- | B | AGR/12 | 8 | Virgilio Balmas | 72 | 128 |
| 2 | 2 | 10D40580 | Agricultural Genetics | 7 | -- | -- | | | 7 | Giovanna Attene | 60 | 115 |
| 2 | 2 | 40003471 | Applied and General Microbiology | 8 | -- | -- | B | MED/07 | 8 | Sergio Uzzau | 72 | 128 |
| 2 | -- | 3000818 | Optional Activities | 12 | -- | -- | D | NN | 12 | | 96 | 204 |

Third Year - cohort 2016/2017

| Year | Seme ster | Code | Course Unit | ECTS | Module code | Module | TAF | SSD | Module ECTS | Lecturer | Length (h) | Private study (h) |
|------|--------------|----------|--|------|----------------|--|-----|---------|----------------|-----------------------|------------|----------------------|
| 3 | 1 | 40003344 | Microbial Biotechnologies | 8 | | | B/C | AGR/16 | 8 | Ilaria Maria Mannazzu | 72 | 128 |
| 3 | 1 | 40003476 | General Pharmaceutical Chemistry | 7 | | | B | CHIM/08 | 7 | | 64 | 111 |
| 3 | 1 | 40003480 | Integrated Laboratory of Molecular and Biochemical / Integrated Laboratory of Molecular and Biochemical / | 12 | 40003475 | Genetic Engineering | B/C | BIO/11 | 6 | Claudia Crosio | 60 | 90 |
| | | | | | 40000992 | Biochemical Methodologies | B | BIO/10 | 6 | Paolo Mereu | 60 | 90 |
| 3 | 2 | 40003483 | Pathology and Veterinary Microbiology Applied to Control of Infectious Diseases | 12 | A000016 | Infectious Disease of Domestic Animals | | | 6 | Marco Pittau | 56 | 94 |
| | | | | | 40003481 | General and Special Pathology | B | VET/03 | 6 | Stefano Rocca | 56 | 94 |
| 3 | | 40002575 | Traineeship | 14 | | | F | NN | 14 | | 168 | 182 |